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CATALOGUE "M"—1894-95.

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# Bundy Radiators

For Steam and Hot Water,

—ALSO—

Heating Specialties.

MANUFACTURED EXCLUSIVELY BY

A. A. GRIFFING IRON CO.,

NEW YORK, N. Y.

15 DEY STREET.

CHICAGO, ILL.

34 Dearborn Street.

BOSTON, MASS.

177-179 Fort Hill Square.

PHILADELPHIA, PA.

18 South 7th Street.

WORKS : JERSEY CITY, N. J.

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SAM'L R. HARLOW, Vice-President.

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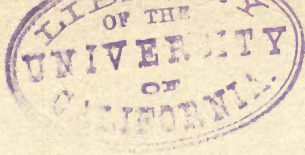
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PRESS OF THE  
HEATING ENGINEER PUBLISHING CO.,  
New York.



# ANNOUNCEMENT.



PRESENTING this "M" Edition Pocket Catalogue for 1894-95 we respectfully call attention to the unequalled variety of goods manufactured. They result from an experience of nearly quarter a century in the business, and represent the product of the best Engineers. The

styles are modern, the goods mechanically perfect, the castings smooth and strong, and the assortment of styles great. To achieve that degree of perfection which has secured for "Bundy Radiators" the reputation of being the best in the world, and which has also secured for them a constantly increasing demand, both at home and abroad, it has been necessary to pass through the era of expensive tests and experiments, but with the successful solving, from time to time, of each problem as it was presented, came a desire for even greater achievements in the production of a peerless line of Radiators and heating supplies; and the unbroken chain of successes already achieved, coupled with the fact that our plants have been extensively enlarged and re-equipped with special patented machinery of our own designing, warrants us in claiming to

furnish a product surpassing all others in point of efficiency, durability, and genteel appearance.

We emphatically claim that all Bundy goods are made in a conscientious manner as regards interior construction, which only continued use will show.

The nipple used in Bundy Sectional Radiators is stronger than that used in any other Sectional Radiator made. The important part performed by the nipple is all-apparent to the practical man.

The Bundy Radiator is a plain surface Radiator. While it is true that we make Radiators of the extended surface type—in fact, make Radiators of every type known to modern science—our preference has always been for plain surface Radiators. The result of 40 tests made by Dr. Chas. E. Emery, late Engineer for the New York Steam Co., showing extended surface forty (40) per cent inferior to plain surface as Radiators of heat, is practically substantiated by late tests made by Stevens Institute of Technology, showing that 1 square foot of plain surface Radiator was equal in efficiency to 1.49 square feet of extended surface radiation.

The Bundy Radiators have large openings between radiating surfaces which are so pitched as to deflect horizontally the heat units. The internal areas of the sections and connections being large and devoid of obstructing diaphragms insure perfect circulation throughout, while the joints are absolutely tight and permanent.

We keep on hand immense stocks of Bundy Radiators and Supplies, and can assure our patrons of prompt and satisfactory service. In point of shipping facilities, not even the great metropolis is so favorably located as is Jersey City. Its water frontage on the Hudson River and New York Bay gives ready communication with every seaport of the commercial world, and, with all principal Railroads terminating within its borders, it is linked with every city in the country. As a result, lower freight rates and more prompt deliveries are often secured from Jersey City than from any other point in the United States.

We shall ever aim to show our keen appreciation of the patronage bestowed upon us by that careful and conscientious execution of all orders that begets confidence and esteem.

A. A. GRIFFING IRON CO.



## ADVANTAGES IN BRIEF OF

# THE BUNDY STANDARD RADIATOR.

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1st. A roomy base with large air passages through it, also a neat cast-iron fret work top.

2d. Loops screw separately into the base, having but one joint each, therefore no possible chance for leverage expansion and contraction.

3d. Made in a greater variety of widths, lengths and heights, being furnished in one, two, three and four rows of loops wide, three to twenty-six loops long, varying by single loops, and from ten to forty-five inches high, varying by single inches.

### THE BUNDY STANDARD AND SECTIONAL RADIATORS.

4th. More of them are in use, which is, perhaps, the best possible evidence of their superiority and popularity. The word "Bundy" as applied to Radiators has grown to be synonymous with success. Over 60,000 of the largest and best buildings in the country are heated with Bundy Radiators, aggregating a total output of over **FIFTY MILLION SQUARE FEET** of surface.

5th. More space between the loops and between the sections, through which the air circulates more freely than in any other Radiator, and this gives greater efficiency. The Bundy Sectional Radiators are concave (parabolic).

6th. All parts of the Bundy Radiators are duplicates, and so those broken by accident can readily be replaced with new ones without its being necessary to return the Radiator to the factory for repairs.

7th. It is a notable fact that all Bundy Radiators have a base, for each Bundy section has a large space at the bottom which performs the functions of the Bundy Standard Radiator base, and is therefore properly called a Sectional Base Radiator.

8th. Bundy Sectional Radiators are put together with heavy and long nipples, and as it is the nipple that first gives out in a sectional radiator, the importance of this advantage is at once apparent in making the Bundy Sectional Radiator especially strong at the nipple, where other Radiators give out and leak.

9th. Absolutely positive, uniform and noiseless circulation is but the natural result of combining the above advantages. They circulate noiselessly because they drain perfectly, allowing no water to remain in the bottom of the Radiators.

10th. Nor least among the many advantages of the Bundy Radiator should be rated their exceptionally neat and attractive design. The large and ever increasing demand for our Radiators has encouraged us in bringing out only Radiator designs by the leading Masters; for example, our Bundy Elite Radiator is pure Arabesque in its design, and is a good conception of Moorish architecture. Our Bundy Renaissance and Hot Closet Dining Room Radiators are of the Byzantine design and are the finest appearing Radiators to be found anywhere in the world.

**A. A. GRIFFING IRON CO.**

# Steam and Hot Water vs. Furnace Heat.

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**I**T is a conceded fact that buildings cannot be properly heated by hot air furnaces unless they are entirely surrounded by other buildings, or protected from cold winds in some way or other.

Even when a building is properly heated by a furnace the quality of air is not that which is most desirable to sustain human life; first, because it is devitalized with metal heated from 1200 to 1500 degrees Fahr., which robs it of all its exhilarating and tonic properties; secondly, because it is always charged with dust; and, thirdly, it has been rendered impure by carbonic oxide, which is generated in a furnace whenever there is an insufficient amount of oxygen introduced into it to produce perfect combustion; said carbonic oxide passing through all heated cast iron almost as readily as atmospheric air passes through any textile fabric.

Summarizing these various objections to furnace-heated air, we find it under its best conditions devitalizing. Metal heated above even 250 degrees begins to devitalize atmosphere brought in contact with it; what, then, must be its effect upon air when heated to a temperature of from 1200 to 1500 degrees? We find it frequently charged with dust and fine ashes, and very often poisoned by carbonic oxide, to say nothing of the aptitude of all furnace-heated houses to be extremely cold at the point of greatest exposure, on account of the extreme buoyancy of heated air which is overcome by the pressure of cold air of greater density.

Heating by Hot Water or low pressure Steam has none of the disadvantages mentioned in regard to the furnace-heated houses. The metal of the Radiators and boilers is never heated by the use of steam to a detrimental degree—namely, 250 degrees—unless from 40 to 45 pounds' pressure per square inch is resorted to, which is both unusual and unnecessary in the heating apparatus of the present day.

In hot water heating by the open tank system the pressure is exceedingly small—not more than one pound to every 28.96 inches of vertical water column—and the temperature of the Radiators throughout the house is seldom greater than 175 degrees Fahr., a temperature 75 degrees below the point where devitalization commences; which point it is impossible to reach in Hot Water Heating.

It has been sometimes argued that houses heated by Direct Radiation are not properly ventilated. This is the case sometimes but arises from a neglect of the occupants of the building rather, than from a radical defect in the system. It is well (and we always recommend it) to use a certain amount of Indirect Radiation with every system of Steam or Hot Water Heating, as Indirect Radiators are so placed in connection with flues, ducts and registers, connected directly with the outer air, as to draw into a house a sufficient quantity of fresh out-door air for ventilation.

# HEATING BY STEAM AND HOT WATER DIRECT AND INDIRECT RADIATION.

The amount of Steam or Hot Water Direct or Indirect Radiation required to heat a given space depends on the following conditions, viz: Whether building is protected or isolated; structure, whether brick, stone or wood; if wood, whether sheathed and papered; if brick or stone, whether walls are solid or hollow; points of compass, direction taken by prevailing winds; relative location of rooms to one another; whether room has bay window or not, or has maximum or minimum of glass surface, etc., etc.

Without this information it is impracticable to correctly estimate the amount of Radiating Surface required, and even with it an engineer on the premises is better able to judge of the requirements of the case. We are perfectly willing and glad to make suggestions on this subject or answer any questions that may be asked us, but wish what we say to be taken more in the light of suggestions given for the benefit of our friends and customers, for the reason that we are manufacturers and not erectors of heating apparatus.

We are frequently asked for the names of good books treating on the subject of steam and hot water heating, and in reply we can recommend the following:

**Steam Heating for Buildings, or Hints to Steam Fitters.** By William J. Baldwin. 282 pages. Price, \$2.50.

**Hot Water Heating and Fitting.** By William J. Baldwin. 400 pages. Price, \$4.00.

**Heat for Warming and Ventilation of Buildings.** By John H. Mills. Two volumes, 600 pages. Price, \$10.00.

**Essays on House Heating.** Price, \$2.50.

To accommodate those wishing any of the above books, we will forward any or all of them, postage or expressage paid, upon receipt of the publisher's price as above given.

## SUGGESTIONS REGARDING THE ADJUSTMENT OF STEAM RADIATION.

While it is impracticable to adopt any fixed rule for computing the amount of Radiating Surface necessary to heat a given space, still the following may serve as somewhat of a guide, but please to bear in mind that the figures given are based on New York City climate.

**For an Isolated Residence.**—To ascertain the amount of direct radiation required to heat a north or west room, divide the cubical contents expressed in feet by 60; south or east room by 70; sleeping room by 80.

For indirect radiation, for the 1st floor divide by 35; 2d floor by 40; 3d floor by 50.

**For a Residence in a Row.**—For direct radiation for a north or west room, bay window room, hall, bath and living room, divide by 70; sleeping room by 80.

For indirect radiation, 1st floor divide by 40; 2d and 3d floors by 50.

**For a Business Block.**—For direct radiation for a north or west room, divide by 75, and an inside room or hall by 100.

For indirect radiation, 1st floor, divide by 40; 2d floor and above by 50.

**For a Church or other Public Building.**—For direct radiation, divide by 100; and for indirect radiation by 50. A good arrangement for heating such buildings is an equal amount of both Direct and Indirect Radiation, or two-thirds Direct and one-third Indirect.

## SUGGESTIONS REGARDING THE ADJUSTMENT OF HOT WATER RADIATION.

For direct radiation for a north or west room, bay window room, hall, bath or living room, divide by 35; for sleeping rooms on 2d floor by 40; for 3d floor by 50.

For indirect radiation divide by 20 or 25.

# SPECIAL NOTICE.

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**W**HEN goods are delivered in good order on cars or steam ship docks in Jersey City or New York, our responsibility ceases.

It is impossible for us to remember the special tapping, &c., wanted by each customer, so please give full information with each order. We will not be held responsible for mistakes occurring where full instructions do not accompany each order.

All Regular Bundy Standard Steam Radiators are tapped 1"  $\times$   $\frac{3}{4}$ ", Right Hand; Hot Water,  $1\frac{1}{4}$ "  $\times$   $1\frac{1}{4}$ ", Right Hand, but other sized tapping may be had if wanted, and usually without extra cost. For list of tappings of Bundy Sectional Radiators see a subsequent page in this catalogue.

All claims for corrections must be made within 10 days after receipt of goods.

New quotations supercede all former prices quoted, and, unless otherwise specified, are made subject to change without notice, and with the understanding that upon request perfect parts will be furnished in place of any that may prove defective through fault of ours, and that to be the limit of our liability. We will not be responsible for labor or collateral damages.

**TERMS:** Cash 30 days net; 1 per cent. cash discount for payment in 10 days, unless otherwise agreed upon.

Boxing and carting, when required, charged for at cost.

Unless instructions regarding the insurance of a shipment accompany the order it is understood that the purchaser desires us to use our own discretion about insuring the shipment or not, but if insured it is understood that the premium is to be charged to and paid by the purchaser.

Permission must be received before any goods may be returned. As all parts of Bundy Radiators are interchangeable and duplicates, it is an easy matter to substitute new loops, a base or top for those received.

In order to avoid delays often caused by letters being addressed to employees, please address all correspondence in relation to shipments and remittances direct to

. . . **A. A. GRIFFING IRON CO.,** . . .

**NEW YORK, 15 Dey St.**

**CHICAGO.**

**BOSTON.**

**PHILADELPHIA.**

**Works: JERSEY CITY, N. J.**

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# TELEGRAPH AND CABLE CODE.

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**W**ITH a view of reducing the expense of telegraphing, and facilitating the transaction of business between us, we have had a Western Union Telegraph wire run into our office and in charge of an expert operator, and have compiled the following very complete Cipher Code. We request all parties telegraphing us to use the Western Union Telegraph wire where possible, thereby saving much time and insuring the prompt delivery of the message over our wire. It will be found that a variety of questions and answers can be sent by means of this cipher, and a very little practice will demonstrate its great convenience.

All our offices are supplied with the **Anglo-American Telegraph Code**, which may also be used by parties in telegraphing or cabling us.

Please observe the following in writing a Cipher message.

**FIRST: Begin every Cipher word with a Capital letter.**

**SECOND: Whenever a blank occurs in a sentence, the word or words supplying such blank must follow the Cipher word of the sentence.**

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## **SAMPLE MESSAGE.**

### **IN PLAIN LANGUAGE, 38 WORDS.**

Ship via Star Union Line two three by twelve, four two by twenty, ten one by eighteen, all extended surface forty-two inches high, tapped one and one-quarter by one inch left hand iron tops, opposite ends.

### **IN CIPHER, 13 WORDS.**

Hyena two Cattle, four Cargo, ten Calico, all Crumble Dotage Frantic Cupola Future.

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#### **TELEGRAPH ADDRESS:**

**GRIFFING IRON CO., JERSEY CITY.**

#### **CABLE ADDRESS:**

**BUNDY, JERSEY CITY.**

## TELEGRAPH CODE.

Elite Steam Radiator.....	Aaronic	Princess Hot Water Radiator.	
Elite Hot Water Radiator...	Aaronical		Abodation
Columbia Steam Radiator.....	Abaca	Empire Steam Radiator...	Abnormity
Columbia Hot Water Radiator.		Empire Hot Water Radiator.	
	Abacist		Abnormalous
Flower City Steam Radiator.		Triumph Steam Radiator.....	Abode
	Abdication	Triumph Hot Water Radiator.	
Flower City Hot Water Radiator.			Abodement
	Abdicative	Climax Vertical Steam Direct	
Rochester Steam Radiator....	Abduce	Radiator.....	Abotele
Defiance Steam Radiator...	Abducent	Newport Steam Indirect Radiator.	
Defiance Hot Water Radiator..	Abduct		Aboma
Defiance Bay Window Steam		Newport Hot Water Indirect Radi-	
Radiator.....	Abduction	ator.....	Abomasum
Defiance Bay Window Hot Water		Perfect Steam Indirect Radiator	
Radiator.....	Abductor	29' long.....	Abollo
Pyro Steam Radiator....	Abearance	Perfect Steam Indirect Radiator	
Pyro Hot Water Radiator..	Abeneration	23' long.....	Abomasus
Pyro Wall Steam Radiator...	Abettor	Perfect Steam Indirect Radiator	
Pyro Wall Hot Water Radiator.		19' long.....	Abominally
	Abhorrence	Bundy Pin Steam Indirect Radi-	
Renaissance Steam Radiator		ator Nipple connected.....	Aboon
with Pillars.....	Abhorrent	Bundy Pin Hot Water Indirect	
Renaissance Steam Radiator		Radiator Nipple connected.	
without Pillars... ..	Abhorrer		Aborigines
Renaissance Hot Water Radiator		Bundy Pin Steam Indirect Radi-	
with Pillars.....	Abhorrible	ator Gasket connected.	
Renaissance Hot Water Radiator			Aborsement
without Pillars.....	Abhorring	Bundy Pin Hot Water Indirect	
Climax Steam Indirect Radiator.		Radiator Gasket connected.	
	Abider		Aborsive
Climax Hot Water Indirect Radi-		We will quote you on	
ator.....	Abidingly	.....Radiators, stand-	
Perfect Steam Indirect Radiator.		ard height, a special	Abstinent
	Abigail	price of..cents per foot	
Duplex Partition Base Radiator.		f. o. b. Jersey City.	
	Abject		
Bundy N. P. R. B. Jenkins disc		With an allowance	
Union Radiator Valve..	Abjection	equal to the carload	
Bundy N. P. R. B. Metal disc		rate of freight on Radi-	Abstracted
Union Radiator Valve...	Abjectly	ators to your city.	
Bundy N. P. R. B. Jenkins disc			
Radiator Valve (no Union).	Abjectness	With an allowance	
		equal to the freight on	Abstringe
Bundy N. P. R. B. Metal disc		Radiators to your city.	
Radiator Valve (no Union).			
	Abjudicate	Can ship immediately	
Baker N. P. Automatic Air Valve		if order is regular as to	
with drip connection....	Abjure	tapping, etc., otherwise	
Baker N. P. Automatic Air Valve		a day or two may be	Abuser
without drip connection..	Abjurer	necessary to prepare	
Bundy Plain Floor Plate. ...	Ablation	goods, but can ship	
Bundy Plain Ceiling Plate...	Abblative	promptly.	
Bundy N. P. Floor Plate.....	Abblaze		
Bundy N. P. Ceiling Plate.....	Able	Not having had pre-	
Bundy Positive Pet Cock.....	Abler	vious dealings with	
Paterson Wood Handle Pet Cock.		you, kindly send refer-	
	Ablest	ences, or will you pay	Abutment
Paterson Metal Handle Pet Cock.		cash on this order, for	
	Ablocate	which we will allow an	
Bundy Bronze.....	Ablocation	extra...per cent.	
Bundy Star Bronze.....	Abloom	.....has written us	
Bundy Bronzing Liquid.....	Abluent	for prices. Go and see	Abuttal
Bundy Enamel.....	Ablutation	him [or them] at once.	
Marble Top.....	Ably		
Bundy Base Only.....	Abnegate	.....has telegraphed	
Bundy Top Only.....	Abnegation	us for prices. Go and	Abutter
Bundy Binder Only.....	Abnegator	see him [or them] at	
Bundy Top and Binder.....	Abnet	once.	
Princess Steam Radiator...	Abnodate		

## TELEGRAPH CODE.

## NUMBER OR QUANTITY.

Abaft . . . . . 21	Accordant.. 84	Affable..... 335	Allot . . . . . 2800	Appear... .. 9100
Abandon . . . . . 22	Accordion.. 85	Affair..... 340	Allow. . . . . 2900	Appearance. 9200
Abandoned.. 23	Accost..... 86	Affecting.. 245	Alloy . . . . . 3000	Appease . . . . 9300
Abatement.. 24	Account... 87	Affidavit.. 350	Allude . . . . . 3100	Appellant... 9400
Abbey..... 25	Accroach... 88	Affinity... 355	Allure . . . . . 3200	Append.... 9500
Abbot..... 26	Accrue..... 89	Affix..... 360	Allusion... 3300	Appendage. 9600
Abbreviate.. 27	Accurate... 90	Affixing... 365	Almanac.. 3400	Appendant. 9700
Abdicate... 28	Accuse . . . . 91	Afflict.... 370	Almond... 3500	Appendix... 9800
Abdomen... 29	Accusing.. 92	Affliction.. 375	Aloft . . . . . 3600	Appertain . . 9900
Abdominal.. 30	Accustom... 93	Affluent... 380	Alphabet.. 3700	Appetite . . . 10000
Abeysance.. 31	Achieve.... 94	Afford.... 385	Altar. . . . . 3800	Appetition.. 11000
Abhor..... 32	Achieving.. 95	Affording. 390	Alternate.. 3900	Appetitive . . 12000
Abide..... 33	Aconite . . . 96	Affray. . . . 395	Alum . . . . . 4000	Appetize . . . 13000
Abiding.... 34	Acorns..... 97	Affright... 400	Aluminate 4100	Appetizing.. 14000
Ability..... 35	Acquaint... 98	Affront.... 405	Amalgam. 4200	Appetizer.... 15000
Abnormal... 36	Acquire.... 99	Afire . . . . . 410	Amass . . . . . 4300	Appian . . . . . 16000
Aboard . . . . 37	Acquit..... 100	Afraid..... 415	Amateur.. 4400	Applauding. 17000
Abodance... 38	Acrid..... 105	Africa . . . . 420	Amative . . 4500	Applauder.. 18000
Aboding.... 39	Acrimony... 110	Afterclap.. 425	Amazement 4600	Appianna... 19000
Abolish.... 40	Action..... 115	Afternoon. 430	Amazon... 4700	Applaud.... 20000
Abolisher... 41	Actively . . 120	Afterward 435	Amber.... 4800	Applicable... 21000
Abolition . . 42	Actor..... 125	Against.... 440	Amend . . . . 4900	Applicably. 22000
Abominable, 43	Actual..... 130	Agency... 445	American. 5000	Applicancy. 23000
Abominate.. 44	Actuary . . 135	Aggressor . . 450	Amuck . . . . 5100	Applicance.. 24000
Aboriginal.. 45	Actuate . . 140	Aggrieve.. 475	Amulet.... 5200	Applause.... 25000
Abrasion... 46	Acute . . . . 145	Aghast . . . 500	Analyst... 5300	Apply . . . . . 26000
Abrupt . . . . 47	Acutely . . 150	Agile..... 525	Anchor... 5400	Applier..... 27000
Abruptly... 48	Acuteness.. 155	Agility . . . 550	Andiron... 5500	Appliment.. 28000
Abcess . . . . 49	Adage . . . . 160	Agitate . . . 575	Anecdote . . 5600	Applique.... 29000
Abscend... 50	Adament... 165	Agitating. 600	Animote . . 5700	Apple . . . . . 30000
Absence.... 51	Adapt..... 170	Agitative.. 625	Annoit . . . . 5800	Applum.... 31000
Absent . . . . 52	Adapting.. 175	Agitator . . 650	Antidate . . 5900	Applumb... 32000
Absentee... 53	Addict . . . 180	Agonize . . . 675	Antiem . . . . 6000	Applumbo... 33000
Absenter... 54	Addition . . 185	Agonizing 700	Antic..... 6100	Applumbie.. 34000
Absolute . . 55	Address . . . 190	Agony . . . . 725	Antipathy. 6200	Applejack . . 35000
Absolutely.. 56	Adhere.... 195	Agree . . . . 750	Antiphony 6300	Appointer... 36000
Absorb . . . . 57	Adherent . . 200	Agreeable . . 775	Antiphony 6400	Apporter... 37000
Absorbing.. 58	Adhesion . . 205	Agreeing.. 800	Antipode.. 6500	Apportion . . 38000
Absorbent.. 59	Adhesive... 210	Aidance... 825	Antipope.. 6600	Appose . . . . 39000
Abstain . . . 60	Adjacent... 215	Aidless.... 850	Antiquary 6700	Applejohn . . 40000
Abstainer... 61	Adjective.. 220	Aimless... 875	Anvil . . . . . 6800	Apposer . . . 41000
Abstaining.. 62	Adjoin . . . 225	Aimlessly. 900	Antique . . . 6900	Apposite . . . 42000
Abstinence.. 63	Adjure . . . 230	Airgun... 925	Antiquity. 7000	Appositely.. 43000
Abstract.... 64	Adjust . . . 235	Airhole... 950	Antiseptic 7100	Apposition.. 44000
Abstract... 65	Admirable . 240	Airtight... 975	Anthler . . . 7200	Applepie . . . 45000
Absurdity . . 66	Admiral... 245	Alabaster. 1000	Anvil . . . . . 7300	Appositive.. 46000
Absurdly... 67	Admire . . . 250	Alack.... 1100	Anxiety... 7400	Appraisal . . 47000
Abundance.. 68	Admiring . . 255	Alacrity... 1200	Anxious... 7500	Appraiser... 48000
Abundant... 69	Admit..... 260	Alarmbell. 1300	Aorta..... 7600	Appreciant.. 49000
Abuse . . . . . 70	Admitted . . 265	Alarmed . . 1400	Apartment 7700	Appletree . . 50000
Abused . . . . 71	Admitting.. 270	Alarming.. 1500	Apathy . . . . 7800	Appliance . . 55000
Abusing . . . 72	Admonish.. 275	Albatross. 1600	Aperture . . 7900	Applicable.. 60000
Abusive.... 73	Adopted . . 280	Albeit . . . 1700	Apex..... 8000	Applicant... 65000
Abys . . . . . 74	Adore . . . . 285	Albin..... 1800	Aphelion . . 8100	Apply . . . . . 70000
Academic... 75	Adoring.... 290	Albion . . . 1900	Apollo . . . . 8200	Appoint.... 75000
Academy . . . 76	Adroit . . . 295	Album.... 2000	Apologize. 8300	Appointee . . 80000
Accelerate.. 77	Adroitly . . 300	Albumen . . 2100	Apology . . . 8400	Appraise . . . 85000
Accession.. 78	Adult . . . . 305	Alchemist. 2200	Apostle . . . 8500	Appreciate.. 90000
Accent..... 79	Advent . . . 310	Alcohol... 2300	Apparatus 8600	Apprehend.. 95000
Accident... 80	Adventure. 315	Alderman. 2400	Apparel . . . 8700	Apprentice.. 100000
Acclaim . . . 81	Advert . . . 320	Alert . . . . 2500	Apparent . . 8800	Apprentle . . 150000
Acclimate... 82	Advertise.. 325	Alien..... 2600	Apparition 8900	Apprentled.. 200000
Accord..... 83	Advocate . . 330	Alignment 2700	Appeal.... 9000	Apprentler.. 250000

## STYLES OF RADIATORS.

No. of Sections	Columbia	Pyro	Pyro Wall	Princess	Newport
1	Apprise	Apse	Aqueduct	Arachnoid	Arboreal
2	Apprizal	Apsidal	Aqueity	Aragonese	Arbored
3	Apprizing	Apsis	Aqueous	Aragonite	Arboreous
4	Apprizer	Apsides	Aquiferous	Araignee	Arboret
5	Approach	Apt	Aquiform	Arraign	Arborical
6	Approacher	Aptable	Aquila	Araise	Arbonst
7	Approaching	Aptate	Aquiline	Aramatic	Arborized
8	Approbate	Aptera	Aquilon	Aramean	Arborous
9	Apprompt	Apterals	Aquitaman	Arameanism	Arbuscle
10	Approof	Apteral	Aquose	Araneidans	Arbuscular
11	Appropre	Apternal	Aquosity	Araneides	Arbustive
12	Appropra	Apteran	Ara	Araneiform	Arbustum
13	Approval	Apteros	Arab	Araneous	Arbute
14	Approvance	Apteryx	Arabesque	Arango	Arbutus
15	Approve	Aptitude	Arabian	Aration	Arbutean
16	Approver	Aptly	Arabic	Aratory	Arcycle
17	Appui	Aptness	Arabical	Arbalist	Arcade
18	Appulse	Aptote	Arabically	Arbalister	Arcaded
19	Appulsion	Apyretic	Arabine	Arbiter	Arcadian
20	Appulsive	Apyrexy	Arabism	Arbitrable	Arcadie
21	Apricate	Apyrous	Arabest	Arbitrary	Arcane
22	Apricity	Aqua	Arable	Arbitrate	Arcanum
23	Apricot	Aquarian	Aracane	Arbitration	Areboutant
24	April	Aquarium	Arace	Arbitrator	Arch
25	Apriori	Aquarius	Araceous	Arbitress	Archaical
26	Apron	Aquatic	Araches	Arblast	Archaism
27	Aproned	Aquatical	Arachiz	Arbor	Arched
28	Aproner	Aquatile	Arachys	Arborary	Archelogy
29	Aproning	Aquatint	Arachyz	Arborator	Archer
30	Aprupos	Aquatinta	Arachnida	Arbory	Archery

No. of Sections	Elite	Triumph	Climax	Perfect	Sections . . . Radiators
1	Baby	Bead	Blackbird	Boy	50 Bracelet
2	Bachelor	Beam	Blackmail	Boylke	75 Bradawl
3	Backbiter	Beauty	Blamable	Boyhood	100 Brazen
4	Backboard	Beautiful	Blameful	Boyish	200 Breakfast
5	Background	Becalm	Blanket	Boyishly	300 Brewery
6	Backward	Become	Bleak	Boyishness	400 Bricklayer
7	Bagpipe	Bedding	Blend	Boysplay	500 Brickwork
8	Balance	Bedeck	Bliss	Brace	600 Brightly
9	Balcony	Bedmaker	Blockade	Bracer	700 Brimstone
10	Baldpate	Bedtime	Blockhouse	Bracing	800 Buckskin
11	Bale	Bedwork	Blockhead	Bracket	900 Buckhorn
12	Ballast	Befall	Bloodshed	Bracketing	1000 Bulletin
13	Ballot	Befool	Bloom	Brackish	1100 Bullock
14	Bandage	Befriend	Blossom	Brad	1200 Bullseye
15	Bandana	Beguile	Bluebell	Brag	1300 Bulrush
16	Bandbox	Behave	Bluebook	Bragged	1400 Bulwark
17	Banner	Behead	Board	Bragging	1500 Bumblebee
18	Banquet	Behavior	Boarding	Braggart	1600 Bundle
19	Baptism	Bellows	Boastful	Bragless	1700 Bungler
20	Barefoot	Beloved	Boatman	Braid	1800 Bunion
21	Bargain	Bereave	Bobtail	Braiding	1900 Bunting
22	Barley	Bestow	Boldface	Brain	2000 Burden
23	Barleycorn	Betray	Bombard	Brained	3000 Burdensome
24	Baronet	Betide	Bookful	Brainless	4000 Bureau
25	Barrack	Betroth	Bootjack	Brake	5000 Burgler
26	Barrier	Betwixt	Bouquet	Brakeman	6000 Burlesque
27	Barrister	Bewail	Botany	Bramble	7000 Bushel
28	Basement	Beware	Bonedust	Brambling	8000 Butterfly
29	Bayonet	Bewilder	Boundless	Bran	9000 Bylaw
30	Baytree	Bewitch	Boxwood	Branch	10000 Byword



STYLES OF RADIATORS.

One Row.	Two Row.	Three Row.	Four Row.	Five and Six Row.
Cabbage.....1 X 3	Camera.....2 X 3	Carving.....3 X 3	Cavern.....4 X 3	Cider.....5 X 3
Cabin.....1 X 4	Campaign.....2 X 4	Cascade.....3 X 4	Cavity.....4 X 4	Cinnamon...5 X 4
Cable.....1 X 5	Camphor...2 X 5	Casino.....3 X 5	Cedar.....4 X 5	Citizen.....5 X 5
Caboose.....1 X 6	Canary.....2 X 6	Casket.....3 X 6	Century.....4 X 6	Civil.....5 X 6
Cackle.....1 X 7	Candle.....2 X 7	Castor.....3 X 7	Chaining...4 X 7	Clatter.....5 X 7
Cactus.....1 X 8	Canker...2 X 8	Castle.....3 X 8	Charity....4 X 8	Clergy.....5 X 8
Cadaver.....1 X 9	Cannibal...2 X 9	Catacomb...3 X 9	Chattel....4 X 9	Clinch.....5 X 9
Cadence.....1 X 10	Canopy...2 X 10	Cataract...3 X 10	Checkmate..4 X 10	Clinker....5 X 10
Cadet.....1 X 11	Canvas.....2 X 11	Catnip.....3 X 11	Checky....4 X 12	Cloak.....6 X 3
Cage.....1 X 12	Capital...2 X 12	Cattle.....3 X 12	Cherry.....4 X 14	Cloud.....6 X 4
Calamity...1 X 13	Capstan ..2 X 13	Caucus.....3 X 13	Chief.....4 X 15	Clover.....6 X 5
Calcium....1 X 14	Caravan...2 X 14	Cavalry...3 X 15	Child.....4 X 18	Cobbler....6 X 6
Caldron...1 X 15	Carboy...2 X 15		Chimney...4 X 20	Cockney...6 X 7
Calendar...1 X 16	Carcass...2 X 16		Chinese....4 X 22	Codicil...6 X 8
Calico.....1 X 18	Cardinal...2 X 18		Church....4 X 24	Coffin.....6 X 9
Callous...1 X 20	Cargo.....2 X 20			Collusion..6 X 10
Calmness..1 X 22	Carpet....2 X 22			
Calomel...1 X 24	Carriage...2 X 24			
Camel.....1 X 26	Cartoon...2 X 26			

Circulars.	Corners and Columns.	Miscellaneous.	Miscellaneous.
Combustion..10 Circular	Compose....10 Corner	Cottage..Dining Room	Crumble.....Extended
Comedian...15 Circular	Concert ...15 Corner	Hot Closet.	Surface.
Comfort ...20 Circular	Confiscate..20 Corner	Courtship..Window.	Crystal..Enlarged Sur-
Comical.....26 Circular	Confit.....25 Corner	Courage...Horizontal	face.
Companion...34 Circular	Confitent...28 Corner	Indirect.	Culprit..Hot Water.
Comparison.50 Circular	Conquest..26 Column	Crape..Angle Indirect.	Cupid..Marble Binder.
Compass ..72 Circular	Convulsion34 Column	Cravat..Angle Pin In-	Cupola..Iron Tops
Complexion142 Circular	Cordage...50 Column	direct.	Curate..Brass Screen.
	Cordate....58 Column	Cribbage...Golds Pin	Curfew...Bronzed.
	Cordated...142 Column	Indirect.	Current..Renaissance
		Cricket...Direct Indi-	with Pillars.
		rect.	Cushion...Renaissance
		Crush..Box Base.	without Pillars.
		Crumb.....Baker Air	
		Valve.	

18 Loop Ring Column.....	Cushionet	Elite Steam Radiator with Crescent Damper.....	Cutis
22 Loop Ring Column.....	Cushiony	Elite Hot Water Radiator with Crescent Damper.....	Cutlass
28 Loop Ring Column.....	Cusk	Elite Steam Radiator with Duplex Crescent Damper.....	Cutler
32 Loop Ring Column.....	Cuskin	Elite Hot Water Radiator with Duplex Crescent Damper.....	Cutlery
Elite Corner Steam Radiator.....	Cusp	Bundy Standard Steam Radiator with Crescent Damper.....	Cutlet
Elite Corner Hot Water Radiator.....	Cusped	Bundy Standard Hot Water Radiator with Crescent Damper.....	Cutling
Elite Curved Steam Radiator.....	Cusped	Bundy Standard Steam Radiator with Duplex Crescent Damper.....	Cutter
Elite Curved Hot Water Radiator.....	Cuspidal	Bundy Standard Hot Water Radiator with Duplex Crescent Damper...Cutting	Cutting
Elite Direct-Indirect Radiator.....	Cuspidate	Bundy Standard Steam Radiator with Duplex Base.....	Cuttle
Columbia Corner Steam Radiator.....	Cuspitated	Bundy Standard Hot Water Radiator with Duplex Base.....	Cuttie
Columbia Corner Hot Water Radiator.....	Cusps	Bundy Standard Hot Water Radiator with Duplex Base.....	Cuttoe
Columbia Curved Steam Radiator.....	Custard	Bundy Standard Steam Radiator with Semi-Duplex Base.....	Cutty
Columbia Curved Hot Water Radiator.....	Custode	Bundy Standard Hot Water Radiator with Semi-Duplex Base...Cutwal	Cutwall
Columbia Direct-Indirect Radiator.....	Custodial	Elite Semi-Duplex Steam Radiator.....	Cuvette
Princess Corner Steam Radiator.....	Custodian	Columbia Semi-Duplex Steam Radiator.....	Cuz
Princess Corner Hot Water Radiator.....	Custody	Princess Semi-Duplex Steam Radiator.....	Cyanati
Princess Curved Steam Radiator.....	Custody	Pyro Semi-Duplex Steam Radiator.....	Cyanean
Princess Curved Hot Water Radiator.....	Custom	Pyro-Wall Semi-Duplex Steam Radiator.....	Cyanic
Princess Direct-Indirect Radiator.....	Customable	Defiance Semi-Duplex Steam Radiator.....	Cyanide
Pyro Corner Steam Radiator.....	Customably	Triumph Semi-Duplex Steam Radiator.....	Cyanite
Pyro Corner Hot Water Radiator.....	Customary	Climax Vertical Semi-Duplex Steam Radiator.....	Cyanogen
Pyro Curved Steam Radiator.....	Customer		
Pyro Curved Hot Water Radiator.....	Custos		
Pyro Direct-Indirect Radiator.....	Custrel		
Defiance Corner Steam Radiator.....	Cutch		
Defiance Corner Hot Water Radiator.....	Cutchery		
Defiance Curved Steam Radiator.....	Cute		
Defiance Curved Hot Water Radiator.....	Cuteness		
Defiance Bay Window Steam Radiator.....	Cuticle		
Defiance Bay Window Hot Water Radiator.....	Cuticlar		

**Height from Floor to Top.**

Dagger.....10"	Deafen.....21"	Destroy.....32"
Daisy.....11"	Debate.....22"	Dexter.....33"
Damage.....12"	Declare.....23"	Digest.....34"
Damper.....13"	Decoy.....24"	Dirk.....35"
Damsel.....14"	Default.....25"	Dish.....36"
Darken.....15"	Defend.....26"	Dock.....37"
Darling.....16"	Degrade.....27"	Dog.....38"
Date.....17"	Demolish.....28"	Dolphin.....39"
Daylight.....18"	Dental.....29"	Domain.....40"
Dazzle.....19"	Depart.....30"	Dotage.....42"
Deacon.....20"	Deprive.....31"	Dovetail.....45"

**Tapping.**

RIGHT HAND.	RIGHT HAND.	LEFT HAND.	LEFT HAND.
Egotist.... ¾"x ¾"	Empire....1¼"x ¾"	Fable..... ¾"x ¾"	Forgery...1¼"x ¾"
Elastic.... ¾"x ½"	Empty.... 1¼"x1"	Faculty... ¾"x ½"	Frantic...1¼"x1"
Elder.....1" x ¾"	Engine....1¼"x1¼"	Fairy.....1" x ¾"	Furnace...1¼"x1¼"
Elegant....1"	Engrave...1½"	Fashion...1"	Furniture.1½"
Elope.....1" x1'	Engross...1½"x1"	Fetlock...1" x1'	Furrow...1½"x1"
Embark...1¼"	Enigma...2"	Flower...1¼"	Furtive...2"
Fury.....Same End.		Futile.....Feed in Top.	
Future.....Opposite End.		Futurity....Feed in Base.	

**Referring to Fig..... Your Illustrated Catalogue.**

1 Gabble	10½Genius	16 Glanders	25 Golden	36 Grunt
2 Gainful	11 Genteel	17 Glendale	26 Gospel	37 Guano
3 Gaiter	11½Geology	18 Glimmer	27 Governess	38 Guardian
4 Gallows	12 Ghost	19 Glisten	28 Graceful	39 Guidance
5 Galvanic	12½Gigantic	19½Globular	29 Graduate	40 Guild
6 Gambler	12¾Gimcrack	19¾Glomerate	30 Graphic	41 Guillotine
7 Gamester	13 Gipsy	20 Glorify	31 Gratuity	42 Guinea
8 Garbage	13½Girdle	21 Glossary	32 Gravel	43 Guitar
9 Garlic	14 Girlhood	22 Glutton	33 Group	44 Gullet
10 Gaudy	14½Gizzard	23 Glycerine	34 Grudge	45 Gully.
10½Gelatine	15 Gladsome	24 Goblet	35 Grumble	46 Gulph.

**Orders and Shipments.**

Habit.....Answer how soon can ship....	Handcuff...Advices in regard to order.....
Hackney...Can ship at once if tapping is 1" x ¾" R. H.	too late, it was shipped....
Haddock...Ship immediately.	Handsome..When will Order No..be shipped
Haggard...Send shipping directions.	Hangman..If you have shipped our order of
Halibut....Will send directions by mail.	...please send tracer as we need it badly.
Hallow....Have you shipped our order of..!	Hanker....Omit...from our order of....
Halter....Your order was shipped....	Happy....Omit...from our order No....
Hamlet....Your order will be shipped....	Hatchet...Substitute on our order of.....
Hammer...Add to our order of....	in place of....
Hammock.If you have not shipped order of	Hatchway.Add to our order No....
...hold for further advices.	Hateful...Duplicate order No....

**Can Ship order in.....Days from Receipt.**

1 Hatred	8 Hazel	15 Hebrew
2 Haughty	9 Headless	16 Hellish
3 Haunted	10 Headway	17 Hemlock
4 Havoek	11 Headlong	18 Herald
5 Hawk	12 Heap	19 Heresy
6 Hawthorn	13 Hearse	20 Hero
7 Hazard	14 Heathen	21 Herring

SHIPPING LINE.

SHIP VIA.....	SHIP VIA.....
Hexagon..... Anchor Line.	Honest..... Hoosac Tunnel.
Hideous..... A. T. & S. Fe R. R.	Hoodwink..... Hull
Higgle..... Antwerp.	Hopeful..... Havre
Highland..... Boat	Hopper..... Hamburg
Highway..... Balt. & O. R. R.	Hornet..... Kenwha Desp
Hilarity..... Blue Line.	Horizon..... Lackawanna Line.
Hillock..... Bristol.	Horrid..... Lehigh Valley R. R.
Hinder..... Bordeaux.	Hospital..... Liverpool.
Hint..... Continental Line.	Hothouse..... London.
Hireling..... Ches. & Ohio R. R.	Hound..... Metropolitan Line.
Hissing..... Chi. & N. W. R. R.	Hose..... Mer. Desp.
History..... Chi. Bur. & Quincy R. R.	Howling..... Mallory Line.
Hive..... Chi. Mil. & St. Paul R. R.	Hucker..... Morgan Line.
Hoard..... Clyde Line.	Humanity..... N. Y. C. & H. R. R.
Hobart..... Charleston Steamer.	Humble..... N. Y., N. H. & H. R. R.
Hobby..... Chi. R. I. & Pac. R. R.	Humbug..... Norwich Line.
Hobble..... Canada Southern.	Humorist..... N. Y., S. & West'n. R. R.
Hobson..... Del., Lack. & Western.	Hungry..... N. J. C. R. R.
Hock..... Empire Line.	Huntsman..... Old Dominion Line.
Hoggish..... Erie Desp.	Hurdle..... Penna. R. R.
Holiday..... Erie R. R.	Husband..... Phila. & Reading R. R.
Holliness..... Express.	Husky..... Red Line.
Holland..... Fast Freight.	Hyena..... Star Union Line.
Homeage..... First Steamer.	Hypocrite..... Traders' Desp.
Homeless..... Globe Line.	Hyphen..... Texas Steamer.
Homesick..... Gt. West. Desp.	Hysterics..... Union Pacific.
Homicide..... Glasgow.	Hyson..... West Shore R. R.

PRICES AND QUOTATIONS.

Ideal.....Quote lowest price on.....	Imbibe.....Less than car load lots.
Idiot.....Quote lowest price f. o. b.....on. ...	Imitate.....With freight allowance to.....
Ignoble...This price for immediate acceptance.	Immerge...With.....freight allowance
Illegal...Our offer of.....withdrawn.	Immodest...If.....writes for prices quote....
Illusion...Carload lots.	Immoral...What price shall we quote.....
Imbecile.All prices withdrawn as previously quoted.	Immortal...Less C. L. freight allowance to your city.

QUOTE LOWEST PRICE ON .....LOOPS.

100 Impact	600 Implicate	1,200 Indicate	3,000 Inhabit	6,000 Italic
200 Impartial	700 Incline	1,500 Indulge	3,500 Inhale	8,000 Item
300 Impatient	800 Income	1,800 Infamy	4,000 Insane	10,000 Ivory
400 Impeach	900 Incubate	2,000 Infidel	4,500 Insect	15,000 Ivy
500 Imperial	1,000 Indelible	2,500 Inflate	5,000 Irritate	20,000 Ixolyte

WILL QUOTE	Discount per. cent.	Equiva-	Net.	WILL QUOTE	Discount per. cent.	Equiva-	Net.
F. O. B. ....		lent.		F. O. B. ....		lent.	
Jabber.....25		.25	.75	Jockey ....25	10 and 5	.35875	.64125
Jackal.....25	and 2½	.26875	.73125	Joiner ....25	10 and 7½	.3756	.6244
Jackdaw.....25	2½ and 2½	.2870	.7130	Joke .. 25	10 and 10	.3925	.6075
Jacket.....25	2½ and 5	.3053	.6947	Journal.....27½		.275	.725
Jacobite.....25	2½ and 7½	.3236	.6764	Journey.....27½	and 2½	.2931	.7069
Jalap.....25	2½ and 10	.3419	.6581	Jovial.....27½	2½ and 2½	.3108	.6892
Janitor.....25	and 5	.2875	.7125	Joy.....27½	2½ and 5	.3285	.6715
Japan.....25	5 and 2½	.3053	.6947	Jubilent.....27½	2½ and 7½	.3461	.6539
Jasper.....25	5 and 5	.3231	.6769	Judgment.....27½	2½ and 10	.3638	.6362
Jaundice.....25	5 and 7½	.3409	.6591	Jug.....27½	and 5	.31125	.68875
Jealous.....25	5 and 10	.35875	.64125	Juice.....27½	5 and 2½	.3285	.6715
Jelly.....25	and 7½	.30625	.69375	Jumble.....27½	5 and 5	.3457	.6543
Jeopard.....25	7½ and 2½	.3236	.6764	Jump... 27½	5 and 7½	.3629	.6371
Jerk..... 25	7½ and 5	.3409	.6591	Junction.....27½	5 and 10	.3801	.6199
Jesuit..... 25	7½ and 7½	.3583	.6417	Junior.....27½	and 7½	.3294	.6706
Jewell.....25	7½ and 10	.3756	.6244	Juniper.....27½	7½ and 2½	.3461	.6539
Jig..... 25	and 10	.3250	.6750	Jurist.....27½	7½ and 5	.3629	.6371
Jingle.....25	10 and 2½	.3419	.6581	Justice ....27½	7½ and 7½	.3797	.6203

## PRICES AND QUOTATIONS—Continued.

WILL QUOTE		Discount per cent.		Equiv- alent.		Net.	
F. O. B. ....							
Justify .....	27½	7½	and 10	.3964	.6036		
Juvenile.....	27½	and 10		.3475	.6525		
Kangaroo .....	27½	10	and 2½	.3638	.6362		
Keel .....	27½	10	and 5	.3801	.6199		
Keeper .....	27½	10	and 7½	.3965	.6035		
Keg .....	27½	10	and 10	.41275	.58725		
Kennel .....	30			.30	.70		
Kettle.....	30	and 2½		.3175	.6825		
Keyhole.....	30	2½	and 2½	.3346	.6654		
Keystone.....	30	2½	and 5	.3516	.6484		
Kick.....	30	2½	and 7½	.3687	.6313		
Kidnap.....	30	2½	and 10	.38575	.61425		
Kidney.....	30	and 5		.335	.665		
Kindle.....	30	5	and 2½	.3516	.6484		
Kindness.....	30	5	and 5	.36825	.63175		
King.....	30	5	and 7½	.3849	.6151		
Kiss.....	30	5	and 10	.4015	.5985		
Kit.....	30	and 7½		.3525	.6475		
Kitchen.....	30	7½	and 2½	.3687	.6313		
Kite.....	30	7½	and 5	.3849	.6151		
Knapsack.....	30	7½	and 7½	.4009	.5991		
Knave.....	30	7½	and 10	.41725	.58275		
Knee.....	30	and 10		.37	.63		
Knell.....	30	10	and 2½	.38575	.61425		
Knife.....	30	10	and 5	.4016	.5984		
Knock.....	30	10	and 7½	.41725	.58275		
Label.....	30	10	and 10	.433	.567		
Lackey.....	32½			.325	.675		
Ladder.....	32½	and 2½		.3419	.6581		
Ladle.....	32½	2½	and 2½	.3583	.6417		
Lag.....	32½	2½	and 5	.3748	.6252		
Lake.....	32½	2½	and 7½	.3912	.6088		
Lamb.....	32½	2½	and 10	.4077	.5923		
Lament.....	32½	and 5		.35875	.64125		
Lampblack.....	32½	5	and 2½	.3748	.6252		
Lancet.....	32½	5	and 5	.3908	.6092		
Landing.....	32½	5	and 7½	.4068	.5932		
Landmark.....	32½	5	and 10	.4229	.5771		
Lane.....	32½	and 7½		.3756	.6244		
Language.....	32½	7½	and 2½	.3912	.6088		
Lantern.....	32½	7½	and 5	.4068	.5932		
Lap.....	32½	7½	and 7½	.4226	.5774		
Larboard.....	32½	7½	and 10	.4381	.5619		
Larder.....	32½	and 10		.3925	.6075		
Larkspur.....	32½	10	and 2½	.4077	.5923		
Lash.....	32½	10	and 5	.4229	.5771		
Latch.....	32½	10	and 7½	.4381	.5619		
Lateral.....	32½	10	and 10	.45325	.54675		
Latin.....	35			.35	.65		
Latitude.....	35	and 2½		.36625	.63375		
Lattice.....	35	2½	and 2½	.3821	.6179		
Laudanum.....	35	2½	and 5	.3979	.6021		
Launch.....	35	2½	and 7½	.4138	.5862		
Laundry.....	35	2½	and 10	.4296	.5704		
Laurel.....	35	and 5		.3825	.6175		
Lavatory.....	35	5	and 2½	.3979	.6021		
Lawful.....	35	5	and 5	.4134	.5866		
Lawless.....	35	5	and 7½	.4288	.5712		
Laxative.....	35	5	and 10	.44425	.55575		
Layman.....	35	and 7½		.39875	.60125		
Leader.....	35	7½	and 2½	.4138	.5862		
League.....	35	7½	and 5	.4288	.5712		
Leakage.....	35	7½	and 7½	.4438	.5562		
Leap.....	35	7½	and 10	.4589	.5411		
Learned.....	35	and 10				.415	.585
Lease.....	35	10	and 2½			.4296	.5704
Leather.....	35	10	and 5			.44425	.55575
Leaven.....	35	10	and 7½			.4589	.5411
Lecture.....	35	10	and 10			.4735	.5265
Legacy.....	37½					.375	.625
Legal.....	37½	and 2½				.3906	.6094
Legation.....	37½	2½	and 2½			.4059	.5941
Legion.....	37½	2½	and 5			.4211	.5789
Legislate ..	37½	2½	and 7½			.4363	.5637
Leisure.....	37½	2½	and 10			.4516	.5484
Lemon.....	37½	and 5				.40625	.59375
Leprosy.....	37½	5	and 2½			.4211	.5789
Lethargy.....	37½	5	and 5			.4319	.5681
Lettuce.....	37½	5	and 7½			.4508	.5492
Levity.....	37½	5	and 10			.4656	.5344
Lewdness ..	37½	and 7½				.4219	.5781
Lexicon.....	37½	7½	and 2½			.4363	.5637
Libel .....	37½	7½	and 5			.4508	.5492
Liberal .....	37½	7½	and 7½			.4652	.5348
Library .....	37½	7½	and 10			.4797	.5203
Lifeless.....	37½	and 10				.4375	.5625
Ligament.....	37½	10	and 2½			.4516	.5484
Lightning...	37½	10	and 5			.4656	.5344
Limber.....	37½	10	and 7½			.4797	.5203
Limpid.....	37½	10	and 10			.49375	.50625
Linguish.....	40					.40	.60
Lion.....	40	and 2½				.415	.585
Liquor.....	40	2½	and 2½			.4296	.5704
Litany.....	40	2½	and 5			.44425	.55575
Litigate.....	40	2½	and 7½			.4589	.5411
Litter.....	40	2½	and 10			.4735	.5265
Lively.....	40	and 5				.43	.57
Livery.....	40	5	and 2½			.44425	.55575
Lizard.....	40	5	and 5			.4585	.5415
Loadstone...	40	5	and 7½			.47175	.52825
Lobby.....	40	5	and 10			.487	.513
Lobster.....	40	and 7½				.445	.555
Locker.....	40	7½	and 2½			.4589	.5411
Locust.....	40	7½	and 5			.47275	.52725
Lofty.....	40	7½	and 7½			.4866	.5134
Logic.....	40	7½	and 10			.5005	.4995
Longitude...	40	and 10				.46	.54
Lordship.....	40	10	and 2½			.4735	.5265
Lottery.....	40	10	and 5			.487	.513
Lovely.....	40	10	and 7½			.5005	.4995
Lowland ..	40	10	and 10			.514	.486
Loyal.....	42½					.425	.575
Lubber.....	42½	and 2½				.4294	.5706
Lumbago.....	42½	2½	and 2½			.4534	.5466
Lunacy.....	42½	2½	and 5			.4674	.5326
Lurid.....	42½	2½	and 7½			.4814	.5186
Lutheran ..	42½	2½	and 10			.4954	.5046
Luxury.....	42½	and 5				.45375	.54625
Mackerel.....	42½	5	and 2½			.4674	.5326
Madcap.....	42½	5	and 5			.4811	.5189
Madhouse...	42½	5	and 7½			.4947	.5053
Magazine...	42½	5	and 10			.5084	.4916
Magenta.....	42½	and 7½				.4681	.5319
Magic.....	42½	7½	and 2½			.4814	.5186
Magnetic...	42½	7½	and 5			.4947	.5053
Magnolia ..	42½	7½	and 7½			.508	.492
Mandrake...	42½	7½	and 10			.5213	.4787
Mankind ..	42½	and 10				.4825	.5175

PRICES AND QUOTATIONS—Continued.

WILL QUOTE F. O. B. ....	Discount per cent.	Equiv- alent.	Net .....	WILL QUOTE F. O. B. ....	Discount per cent.	Equiv- alent.	Net .....
Maple.....	42½	10 and 2½	4954	5046			
Marine.....	42½	10 and 5	5084	4916			
Market.....	42½	10 and 7½	5213	4787			
Mastiff.....	42½	10 and 10	53425	46575			
Matron.....	45		45	55			
Meadow.....	45	and 2½	46375	53625			
Mechanic.....	45	2½ and 2½	4772	5228			
Melody.....	45	2½ and 5	4906	5094			
Membrane.....	45	2½ and 7½	504	496			
Memorial.....	45	2½ and 10	5174	4826			
Methodist.....	45	and 5	4775	5225			
Midwife.....	45	5 and 2½	4906	5094			
Migrate.....	45	5 and 5	5036	4964			
Milestone.....	45	5 and 7½	5167	4833			
Military.....	45	5 and 10	52975	47025			
Milk.....	45	and 7½	49125	50875			
Mineral.....	45	7½ and 2½	504	496			
Minister.....	45	7½ and 5	5167	4833			
Mischief.....	45	7½ and 7½	5294	4706			
Miracle.....	45	7½ and 10	5421	4579			
Misplace.....	45	and 10	505	495			
Mistress.....	45	10 and 2½	5174	4826			
Mock.....	45	10 and 5	52975	47025			
Monitor.....	45	10 and 7½	5421	4579			
Monkey.....	45	10 and 10	5545	4455			
Monument.....	47½		475	525			
Moonshine.....	47½	and 2½	4881	5119			
Morbid.....	47½	2½ and 2½	5009	4991			
Mortgage.....	47½	2½ and 5	5137	4863			
Mountain.....	47½	2½ and 7½	5265	4735			
Mouse.....	47½	2½ and 10	5393	4607			
Muddy.....	47½	and 5	50125	49875			
Mule.....	47½	5 and 2½	5137	4863			
Multitude.....	47½	5 and 5	5262	4738			
Museum.....	47½	5 and 7½	5386	4614			
Musket.....	47½	5 and 10	5511	4489			
Muslin.....	47½	and 7½	5144	4856			
Mustard.....	47½	7½ and 2½	5265	4735			
Mutiny.....	47½	7½ and 5	5387	463			
Mutton.....	47½	7½ and 7½	5508	4492			
Myrtle.....	47½	7½ and 10	5629	4371			
Mystic.....	47½	and 10	5275	4725			
Napkin.....	47½	10 and 2½	5393	4607			
Nation.....	47½	10 and 5	5511	4489			
Nativity.....	47½	10 and 7½	5629	4371			
Nature.....	47½	10 and 10	57475	42525			
Navigate.....	50		50	50			
Needle.....	50	and 2½	5125	4875			
Neck.....	50	2½ and 2½	5247	4753			
Nephew.....	50	2½ and 5	5369	4631			
Nest.....	50	2½ and 7½	5491	4509			
Nimble.....	50	2½ and 10	56125	43875			
Nipple.....	50	and 5	525	475			
Noble.....	50	5 and 2½	5369	4631			
Normal.....	50	5 and 5	54875	45125			
Nosegay.....	50	5 and 7½	5606	4394			
Nostril.....	50	5 and 10	5725	4275			
Notary.....	50	and 7½	5375	4625			
Nourish.....	50	7½ and 2½	5491	4509			
Numeral.....	50	7½ and 5	5606	4394			
Nuptial.....	50	7½ and 7½	5722	4278			
Nursery.....	50	7½ and 10	58375	41625			
Nutmeg.....	50	and 10	55	45			
Oakum.....	50	10 and 2½	56125	43875			
Obedient.....	50	10 and 5	5725	4275			
Obelisk.....	50	10 and 7½	58375	41625			
Obituary.....	50	10 and 10	595	405			
Obstacle.....	50		525	475			
Octagon.....	52½	and 2½	5369	4631			
Odius.....	52½	2½ and 2½	5485	4515			
Offensive.....	52½	2½ and 5	56	44			
Offspring.....	52½	2½ and 7½	5716	4284			
Ointment.....	52½	2½ and 10	5832	4168			
Opposum.....	52½	and 5	54875	45125			
Optic.....	52½	5 and 2½	56	44			
Orchard.....	52½	5 and 5	5713	4287			
Orchestra.....	52½	5 and 7½	5826	4174			
Organic.....	52½	5 and 10	5939	4061			
Oriental.....	52½	and 7½	5609	4394			
Orphan.....	52½	7½ and 2½	5716	4284			
Ostrich.....	52½	7½ and 5	5826	4174			
Orchestra.....	52½	7½ and 7½	5936	4064			
Ovation.....	52½	7½ and 10	6046	3954			
Overflow.....	52½	and 10	5725	4275			
Pacific.....	52½	10 and 2½	5832	4168			
Package.....	52½	10 and 5	5939	4061			
Padlock.....	52½	10 and 7½	6046	3954			
Painter.....	52½	10 and 10	61525	38475			
Palisade.....	55		55	45			
Palmetto.....	55	and 2½	56125	43875			
Palsy.....	55	2½ and 2½	5722	4278			
Pansy.....	55	2½ and 5	5832	4168			
Panic.....	55	2½ and 7½	5942	4058			
Panther.....	55	2½ and 10	6051	3949			
Pantry.....	55	and 5	5725	4275			
Paradise.....	55	5 and 2½	5832	4168			
Paradox.....	55	5 and 5	5939	4061			
Parcel.....	55	5 and 7½	6046	3954			
Parchment.....	55	5 and 10	61525	38475			
Parody.....	55	and 7½	58375	41625			
Parrot.....	55	7½ and 2½	5942	4058			
Parsley.....	55	7½ and 5	6046	3954			
Partisan.....	55	7½ and 7½	615	385			
Passport.....	55	7½ and 10	6254	3746			
Pastor.....	55	and 10	595	405			
Paternal.....	55	10 and 2½	6051	3949			
Pathetic.....	55	10 and 5	61525	38475			
Patriarch.....	55	10 and 7½	6254	3746			
Patrimony.....	55	10 and 10	6355	3645			
Patrol.....	57½		575	425			
Pauper.....	57½	and 2½	5856	4144			
Pavement.....	57½	2½ and 2½	596	404			
Peaceful.....	57½	2½ and 5	6063	3937			
Peacock.....	57½	2½ and 7½	6167	3833			
Peak.....	57½	2½ and 10	6271	3729			
Peasant.....	57½	and 5	59625	4037			
Pebble.....	57½	5 and 2½	6063	3927			
Pectoral.....	57½	5 and 5	6164	3836			
Pedagogue.....	57½	5 and 7½	6265	3735			
Pedestrian.....	57½	5 and 10	6366	3634			
Pedigree.....	57½	and 7½	6069	3931			
Peggy.....	57½	7½ and 2½	6167	3833			
Pelican.....	57½	7½ and 5	6265	3735			
Penalty.....	57½	7½ and 7½	6364	3636			
Pendulum.....	57½	7½ and 10	6462	3538			
Penetrate.....	57½	and 10	6175	3825			
Penitent.....	57½	10 and 2½	6271	3729			
Pension.....	57½	10 and 5	6366	3634			



## PRICES AND QUOTATIONS—Continued.

WILL QUOTE F. O. B.....	Discount per cent.	Equiva- lent.	Net .....
Pentagon ... 57½	10 and 7½	.6462	.3538
Penurious... 57½	10 and 10	.65575	.34425
Pepper ..... 60		.60	.40
Percolate ... 60	and 1½	.61	.39
Perdition... 60	2½ and 2½	.61975	.38025
Perennial... 60	2½ and 5	.6295	.3705
Perforate... 60	2½ and 7½	.63925	.36075
Perfume ... 60	2½ and 10	.649	.351
Perjury..... 60	and 5	.62	.38
Perpetual... 60	5 and 2½	.6295	.3705
Persecute... 60	5 and 5	.630	.361
Persian... .. 60	5 and 7½	.6485	.3515
Persionate... 60	5 and 10	.658	.342
Perspire... .. 60	and 7½	.63	.37
Pervade... .. 60	7½ and 2½	.63925	.36075
Perusal... .. 60	7½ and 5	.6485	.3515
Pestilence... 60	7½ and 7½	.65775	.34225
Petition..... 60	7½ and 10	.667	.333
Petrify..... 60	and 10	.64	.36
Petticoat... 60	10 and 2½	.649	.351
Petulant... 60	10 and 5	.658	.342
Pewter. .... 60	10 and 7½	.667	.333
Phantom... 60	10 and 10	.676	.324
Pharmacy... 62½		.625	.375
Physical... .. 62½	and 2½	.6344	.3656
Piano..... 62½	2½ and 2½	.6435	.3565
Plaster..... 62½	2½ and 5	.6527	.3473
Picket..... 62½	2½ and 7½	.6618	.3382
Piety..... 62½	2½ and 10	.6709	.3291
Pigeon..... 62½	and 5	.64375	.35625
Pigmy..... 62½	5 and 2½	.6527	.3473
Pilfer..... 62½	5 and 5	.6616	.3384
Pilgrim..... 62½	5 and 7½	.6705	.3295
Pillow..... 62½	5 and 10	.6794	.3206
Pilot..... 62½	and 7½	.6531	.3469
Pimple..... 62½	7½ and 2½	.6618	.3382
Pipkin..... 62½	7½ and 5	.6705	.3295
Piracy..... 62½	7½ and 7½	.6791	.3209
Pistol..... 62½	7½ and 10	.6878	.3122
Pitcher..... 62½	and 10	.6625	.3375
Piteous... .. 62½	10 and 2½	.6709	.3291
Pivot..... 62½	10 and 5	.6794	.3206
Plague..... 62½	10 and 7½	.6878	.3122
Plaintive... 62½	10 and 10	.69625	.30375
Planet..... 65		.65	.35
Plantation... 65	and 2½	.65875	.34125
Planter... .. 65	2½ and 2½	.6673	.3327
Platoon... .. 65	2½ and 5	.6758	.3242
Playful..... 65	2½ and 7½	.6843	.3157
Pleasant... 65	2½ and 10	.6929	.3071
Plebian... .. 65	and 5	.6675	.3325
Plentiful... 65	5 and 2½	.6758	.3242
Pliable..... 65	5 and 5	.6841	.3159
Ploughman... 65	5 and 7½	.6924	.3076
Pluck..... 65	5 and 10	.70075	.29925
Pump..... 65	and 7½	.67625	.32375
Plunder..... 65	7½ and 2½	.6843	.3157
Poacher..... 65	7½ and 5	.6924	.3076
Pocket..... 65	7½ and 7½	.7005	.2995
Pointer..... 65	7½ and 10	.7086	.2914
Poison..... 65	and 10	.685	.315
Poker..... 65	10 and 2½	.6929	.3071
Polecat..... 65	10 and 5	.70075	.29925
Policy..... 65	10 and 7½	.7086	.2914

WILL QUOTE F. O. B.....	Discount per cent.	Equiva- lent.	Net .....
Polish..... 65	10 and 10	.7165	.2835
Pollute..... 67½		.675	.325
Polygamy... 67½	and 2½	.6831	.3169
Polygon.... 67½	2½ and 2½	.691	.309
Pomatum... 67½	2½ and 5	.699	.301
Pommel.... 67½	2½ and 7½	.7069	.2931
Ponder..... 67½	2½ and 10	.7148	.2852
Pontoon.... 67½	and 5	.69125	.30875
Poplin..... 67½	5 and 2½	.699	.301
Popular.... 67½	5 and 5	.7067	.2933
Porcupine... 67½	5 and 7½	.7144	.2856
Porpoise... 67½	5 and 10	.7221	.2779
Portico.... 67½	and 7½	.6994	.3006
Positive.... 67½	7½ and 2½	.7069	.2931
Postage.... 67½	7½ and 5	.7144	.2856
Potash.... 67½	7½ and 7½	.7219	.2781
Potato.... 67½	7½ and 10	.7294	.2706
Pothook.... 67½	and 10	.7075	.2925
Poultry.... 67½	10 and 2½	.7148	.2852
Poverty.... 67½	10 and 5	.7221	.2779
Powder... .. 67½	10 and 7½	.7294	.2706
Powerful... 67½	10 and 10	.73675	.25325
Practical... 70		.70	.30
Prattle..... 70	and 2½	.7075	.2925
Preacher... 70	2½ and 2½	.7148	.2852
Precinct... 70	2½ and 5	.7221	.2779
Precious... 70	2½ and 7½	.7294	.2706
Precipice... 70	2½ and 10	.73675	.25325
Preclude... 70	and 5	.715	.285
Predestine... 70	5 and 2½	.7221	.2779
Prediction... 70	5 and 5	.72925	.27075
Predispose... 70	5 and 7½	.7364	.2636
Preface... .. 70	5 and 10	.7435	.2565
Pregnant... 70	and 7½	.7223	.2775
Prejudice... 70	7½ and 2½	.7294	.2706
Prelate.... 70	7½ and 5	.7364	.2636
Premium... 70	7½ and 7½	.7433	.2567
Prepare.... 70	7½ and 10	.75025	.24975
Presbyter... 70	and 10	.73	.27
Prescribe... 70	10 and 2½	.73675	.26325
Preserve... 70	10 and 5	.7435	.2565
President... 70	10 and 7½	.75025	.24975
Pretend... 70	10 and 10	.757	.243
Pretext.... 72½		.725	.275
Pretty..... 72½	and 2½	.7319	.2681
Prevail.... 72½	2½ and 2½	.7386	.2614
Prevalent... 72½	2½ and 5	.7452	.2548
Prevent.... 72½	2½ and 7½	.752	.248
Priest..... 72½	2½ and 10	.7587	.2413
Primage... 72½	and 5	.73875	.26125
Primitive... 72½	5 and 2½	.7453	.2547
Primrose... 72½	5 and 5	.7518	.2482
Princess... 72½	5 and 7½	.7583	.2417
Principle... 72½	5 and 10	.7649	.2351
Printer.... 72½	and 7½	.7456	.2544
Prismatic... 72½	7½ and 2½	.752	.248
Prisoner... 72½	7½ and 5	.7583	.2417
Privacy.... 72½	7½ and 7½	.7647	.2353
Privilege... 72½	7½ and 10	.7711	.2289
Probation... 72½	and 10	.7525	.2475
Problem... 72½	10 and 2½	.7587	.2413
Progression... 72½	10 and 5	.7649	.2351
Proclaim... 72½	10 and 7½	.7711	.2289
Prodigal... 72½	10 and 10	.77725	.22275

PRICES AND QUOTATIONS—Continued.

WILL QUOTE	Discount per cent.	Equiva- lent.	Net	WILL QUOTE	Discount per cent.	Equiva- lent.	Net
<b>F. O. B.....</b>			.....	<b>F. O. B.....</b>			.....
Produce.....75		.75	.25	Pudding.....77½		.775	.225
Profane ....75 and 2½		.75625	.24375	Pugilist.....77½ and 2½		.7806	.2194
Professor.....75	2½ and 2½	.76234	.23766	Pullet.....77½	2½ and 2½	.7861	.2139
Profile.....75	2½ and 5	.7684	.2316	Pulpy.....77½	2½ and 5	.7916	.2084
Prohibit. ....75	2½ and 7½	.7745	.2255	Pulsation...77½	2½ and 7½	.7971	.2029
Prolong ....75	2½ and 10	.7806	.2194	Pulverize ...77½	2½ and 10	.8026	.1974
Promotion...75 and 5		.7625	.2375	Punctual...77½ and 5		.78625	.21375
Pronoun.....75	5 and 2½	.7684	.2316	Pupil.....77½	5 and 2½	.7916	.2084
Prophet ....75	5 and 5	.7744	.2256	Puppy.....77½	5 and 5	.7969	.2031
Proposal ....75	5 and 7½	.7803	.2197	Purgative...77½	5 and 7½	.8023	.1977
Prosecute...75	5 and 10	.78625	.21375	Purify .....77½	5 and 10	.8076	.1924
Prospect. ....75 and 7½		.76875	.23125	Purple.....77½ and 7½		.7919	.2081
Prostrate ...75	7½ and 2½	.7745	.2255	Purport.....77½	7½ and 2½	.7971	.2029
Protestant...75	7½ and 5	.7803	.2197	Purser.....77½	7½ and 5	.8023	.1977
Proud.....75	7½ and 7½	.7861	.2139	Push.....77½	7½ add 7½	.8075	.1925
Proverb ....75	7½ and 10	.7919	.2081	Pustule.....77½	7½ and 10	.8127	.1873
Province ....75 and 10		.775	.225	Putrid.....77½ and 10		.7975	.2025
Provoke....75	10 and 2½	.7806	.2194	Putty .....77½	10 and 2½	.8026	.1974
Prudent....75	10 and 5	.78625	.21375	Puzzle....77½	10 and 5	.8076	.1924
Puberty.....75	10 and 7½	.7919	.2081	Pylorus. ....77½	10 and 7½	.8127	.1873
Publican.....75	10 and 10	.7975	.2025	Pyramid....77½	10 and 10	.81775	.18225

LETTERS AND TELEGRAMS.

DATE	HAVE YOU RECEIVED LETTER OF.....	YOUR LETTER OF..... RECEIVED.	HAVE YOU RECEIVED TELEGRAM OF.....	YOUR TELEGRAM OF..... RECEIVED.
1st	Rabbit	Sack	Tallow	Vaccination
2d	Radical	Saddle	Tangle	Vagrant
3d	Radish	Safety	Target	Vailey
4th	Rainbow	Sailor	Telescope	Vandal
5th	Rake	Salad	Tempest	Vapor
6th	Rambler	Sally	Terrace	Varnish
7th	Rapture	Saloon	Testament	Venison
8th	Rascal	Salvage	Thirsty	Venus
9th	Ratify	Sample	Tiger	Veranda
10th	Ravage	Sandal	Tobacco	Verbena
11th	Raven	Sanity	Toilet	Vermin
12th	Razor	Sapling	Tolerate	Version
13th	Reality	Sardine	Topaz	Vertebra
14th	Reaper	Satin	Torch	Vestment
15th	Reason	Satisfy	Torpedo	Vestibule
16th	Rebel	Saucer	Traffic	Vestry
17th	Reception	Savage	Tranquil	Veteran
18th	Recline	Sawdust	Transpire	Vexation
19th	Record	Scabby	Treasurer	Vibrate
20th	Recruit	Sculptor	Triangle	Vicar
21st	Rector	Segment	Trombone	Victory
22d	Redress	Selish	Tropical	Vindicate
23d	Refine	Senator	Trump	Vigilant
24th	Reflect	Sentry	Tumbler	Village
25th	Rigid	Serenade	Turkey	Vinegar
26th	Rifle	Serpent	Turnip	Violate
27th	Ripple	Shabby	Tutor	Virgin
28th	Roach	Shadow	Twine	Virtue
29th	Robber	Shaving	Twinkle	Visit
30th	Rocket	Signal	Twist	Volcano
31st	Rosin	Slipper	Tyrant	Vulcan

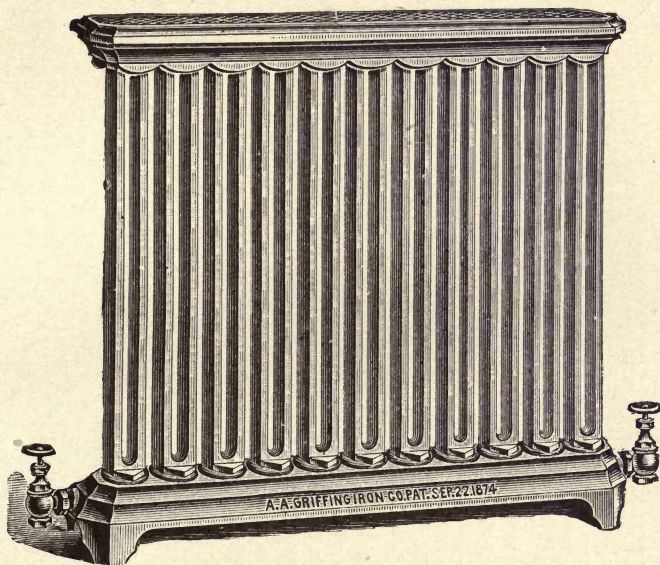
Walnut..... Have written.  
 Washing.... We can read your telegram, but do  
 not understand it.  
 Watchman.. Answer by telegraph at once.  
 Wedlock .. Telegraph to me (or us) at.....  
 Welcome... Will answer to-morrow morning.  
 Welfare... You have not answered our letter of  
 .....

Whalebone.. You have not answered our tele-  
 gram of.....  
 Whisky..... Last letter from you was dated.  
 Wicked .... Will write the parties and advise  
 you later.  
 Windpipe.... Do not write them until you hear  
 from us  
 Wisdom... Will telegraph you.  
 Witness.... Your letter was not received until

## Bundy Standard Radiator Sizes and Prices.

WIDTH OF BASES. One Row, 5 1/2 inches. Two " 9 1/2 " Three " 13 1/2 " Four " 17 1/2 "		STEAM. Forty-Two Inches High.				HOT WATER. Forty-Five Inches High.			
		STANDARD LOOP.		ENLARGED LOOP.		STANDARD LOOP.		ENLARGED LOOP.	
Size of Radiator.	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
		1 X 3	12"	10 1/2	\$7 35	12 3/4	\$8 61	12	\$10 20
1 X 4	15 1/4"	14	9 80	17	11 48	16	13 60	19	15 68
1 X 5	18 1/2"	17 1/2	12 25	21 1/4	14 35	20	17 00	23 3/4	19 60
1 X 6	21 3/4"	21	14 70	25 1/2	17 21	24	20 40	28 1/2	23 52
1 X 7	25 1/4"	24 1/2	17 15	29 3/4	20 08	28	23 80	33 1/4	27 43
1 X 8	28 1/2"	28	19 60	34	22 95	32	27 20	38	31 35
1 X 9	31 1/2"	31 1/2	22 05	38 1/4	25 82	36	30 60	42 3/4	35 28
1 X 10	34 1/2"	35	24 50	42 3/4	28 69	40	34 00	47 1/2	39 19
1 X 11	38"	38 1/2	26 95	46 3/4	31 56	44	37 40	52 1/4	43 12
1 X 12	41 1/4"	42	29 40	51	34 43	48	40 80	57	47 03
1 X 13	44 3/8"	45 1/2	31 85	55 1/4	37 30	52	44 20	61 3/4	50 95
1 X 14	47 7/8"	49	34 30	59 1/2	40 16	56	47 60	66 1/2	54 87
1 X 15	51"	52 1/2	36 75	63 3/4	43 03	60	51 00	71 1/4	58 79
1 X 16	54"	56	39 20	68	45 90	64	54 40	76	62 70
1 X 18	60 3/8"	63	44 10	76 1/2	51 64	72	61 20	85 1/2	70 54
1 X 20	66 7/8"	70	49 00	85	57 38	80	68 00	95	78 38
1 X 22	73 1/4"	77	53 90	93 1/2	63 12				
1 X 24	79 5/8"	84	58 80	102	68 85				
1 X 26	86 1/8"	91	63 70	110 1/2	74 59				
2 X 3	12"	21	14 70	25 1/2	17 21	24	20 40	28 1/2	23 52
2 X 4	15 1/4"	28	19 60	34	22 95	32	27 20	38	31 36
2 X 5	18 1/2"	35	24 50	42 1/2	28 69	40	34 00	47 1/2	39 20
2 X 6	21 3/4"	42	29 40	51	34 43	48	40 80	57	47 04
2 X 7	24 7/8"	49	34 30	59 1/2	40 16	56	47 60	66 1/2	54 86
2 X 8	28 1/4"	56	39 20	68	45 90	64	54 40	76	62 70
2 X 9	31 1/4"	63	44 10	76 1/2	51 64	72	61 20	85 1/2	70 56
2 X 10	34 3/8"	70	49 00	85	57 38	80	68 00	95	78 38
2 X 11	38"	77	53 90	93 1/2	63 12	88	74 80	104 1/2	86 24
2 X 12	41 1/4"	84	58 80	102	68 85	96	81 60	114	94 06
2 X 13	44 3/8"	91	63 70	110 1/2	74 59	104	88 40	123 1/2	101 90
2 X 14	47 7/8"	98	68 60	119	80 33	112	95 20	133	109 74
2 X 15	50 3/8"	105	73 50	127 1/2	86 07	120	102 00	142 1/2	117 58
2 X 16	54 1/8"	112	78 40	136	91 80	128	108 80	152	125 40
2 X 18	60 3/8"	126	88 20	153	103 28	144	122 40	171	141 08
2 X 20	66 7/8"	140	98 00	170	114 75	160	136 00	190	156 76
2 X 22	73 1/4"	154	107 80	187	126 23				
2 X 24	79 5/8"	168	117 60	204	137 70				
2 X 26	86 1/4"	182	127 40	221	149 18				
3 X 3	12 1/4"	31 1/2	22 05	38 1/4	25 82	36	34 20	42 3/4	39 54
3 X 4	15 1/8"	42	29 40	51	34 43	48	45 60	57	52 73
3 X 5	18 1/2"	52 1/2	36 75	63 3/4	43 03	60	57 00	71 1/4	65 01
3 X 6	22"	63	44 10	76 1/2	51 64	72	68 40	85 1/2	79 09
3 X 7	25 5/8"	73 1/2	51 45	89 1/4	60 25	84	79 80	99 1/4	92 27
3 X 8	28 3/8"	84	58 80	102	68 85	96	91 20	114	105 45
3 X 9	31 1/8"	94 1/2	66 15	114 3/4	77 46	108	102 60	128 1/4	118 63
3 X 10	34 1/4"	105	73 50	127 1/2	86 07	120	114 00	142 1/2	134 81
3 X 11	39"	115 1/2	80 85	140 1/4	94 38	132	125 40	156 3/4	141 09
3 X 12	42"	126	88 20	153	103 28	144	136 80	171	158 18
3 X 13	45 1/8"	136 1/2	95 55	165 3/4	111 88	156	148 20	185 1/4	171 36
3 X 15	51 3/4"	157 1/2	110 25	191 1/4	129 10	180	171 00	213 3/4	197 72
4 X 4	16 1/8"	56	39 20	68	45 90				
4 X 5	19 3/8"	70	49 00	85	57 38				
4 X 6	22 3/4"	84	58 80	102	68 85				
4 X 7	26 1/8"	98	68 60	119	80 33				
4 X 8	29 1/4"	112	78 40	136	91 80				
4 X 9	32"	126	88 20	153	103 28				
4 X 10	35 3/8"	140	98 00	170	114 75				
4 X 12	42 1/2"	168	117 60	204	137 70				
4 X 14	48 3/8"	196	137 20	238	160 65				
4 X 18	60 1/2"	252	176 40	306	206 55				
4 X 20	67 1/4"	280	196 00	340	229 50				
4 X 22	73 1/2"	308	215 60	374	252 45				
4 X 24	79 3/8"	336	235 20	408	275 40				





BUNDY STANDARD RADIATOR, One Row.

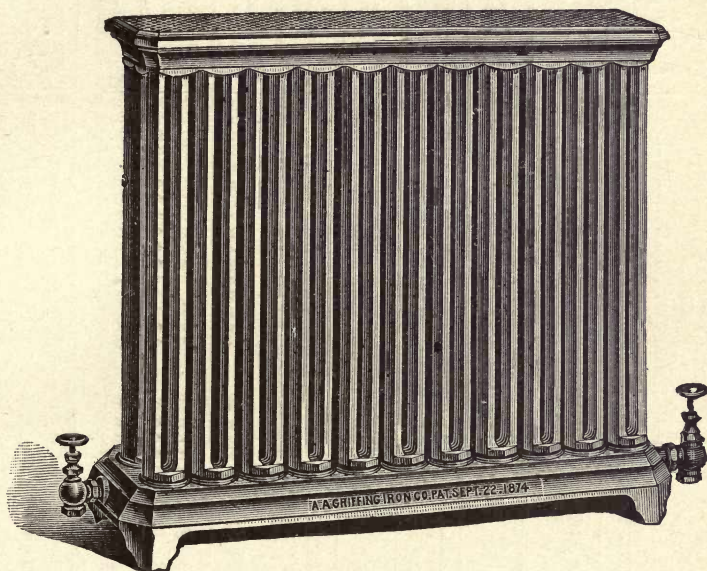
Made for Steam and Hot Water.

For sizes and prices see pages 20, 22, 24 and 26.

For tappings see pages 36 and 38.

## Bundy Standard Radiator Sizes and Prices.

WIDTH OF BASES.		STEAM. Thirty-Six Inches High.				HOT WATER. Thirty-Nine Inches High.			
One Row, 5 $\frac{1}{2}$ inches.		Standard Loop.		Enlarged Loop.		Standard Loop.		Enlarged Loop.	
Two " 8 $\frac{3}{8}$ "		Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
Three " 13 $\frac{3}{8}$ "									
Four " 17 $\frac{3}{8}$ "		Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
1X 3	12"	9	\$6 75	10 $\frac{1}{2}$	\$7 62	10 $\frac{1}{2}$	\$9 45	12	\$10 50
1X 4	15 $\frac{1}{4}$ "	12	9 00	14	10 15	14	12 60	16	14 00
1X 5	18 $\frac{1}{8}$ "	15	11 25	17 $\frac{1}{2}$	12 60	17 $\frac{1}{2}$	15 75	20	17 50
1X 6	21 $\frac{3}{4}$ "	18	13 50	21	15 23	21	18 90	24	21 00
1X 7	25 $\frac{1}{8}$ "	21	15 75	24 $\frac{1}{2}$	17 77	24 $\frac{1}{2}$	22 05	28	24 50
1X 8	28 $\frac{3}{8}$ "	24	18 00	28	20 30	28	25 20	32	28 00
1X 9	31 $\frac{1}{2}$ "	27	20 25	31 $\frac{1}{2}$	22 84	31 $\frac{1}{2}$	28 35	36	31 50
1X 10	34 $\frac{3}{2}$ "	30	22 50	35	25 38	35	31 50	40	35 00
1X 11	38"	33	24 75	38 $\frac{1}{2}$	27 92	38 $\frac{1}{2}$	34 65	44	38 50
1X 12	41 $\frac{1}{4}$ "	36	27 00	42	30 45	42	37 80	48	42 00
1X 13	44 $\frac{3}{8}$ "	39	29 25	45 $\frac{1}{2}$	32 99	45 $\frac{1}{2}$	40 95	52	45 50
1X 14	47 $\frac{7}{8}$ "	42	31 50	49	35 53	49	44 10	56	49 00
1X 15	51"	45	33 75	52 $\frac{1}{2}$	38 07	52 $\frac{1}{2}$	47 25	60	52 50
1X 16	54"	48	36 00	56	40 60	56	50 40	64	56 00
1X 18	60 $\frac{3}{8}$ "	54	40 50	63	45 68	63	56 70	72	63 00
1X 20	66 $\frac{7}{8}$ "	60	45 00	70	50 75	70	63 00	80	70 00
1X 22	73 $\frac{1}{4}$ "	66	49 50	77	55 83				
1X 24	79 $\frac{7}{8}$ "	72	54 00	84	60 90				
1X 26	86 $\frac{3}{8}$ "	78	58 50	91	65 98				
2X 3	12"	18	13 50	21	15 23	21	18 90	24	21 00
2X 4	15 $\frac{1}{4}$ "	24	18 00	28	20 30	28	25 20	32	28 00
2X 5	18 $\frac{1}{8}$ "	30	22 50	35	25 38	35	31 50	40	35 00
2X 6	21 $\frac{3}{4}$ "	36	27 00	42	30 45	42	37 80	48	42 00
2X 7	24 $\frac{7}{8}$ "	42	31 50	49	35 53	49	44 10	56	49 00
2X 8	28 $\frac{3}{8}$ "	48	36 00	56	40 60	56	50 40	64	56 00
2X 9	31 $\frac{1}{4}$ "	54	40 50	63	45 68	63	56 70	72	63 00
2X 10	34 $\frac{3}{8}$ "	60	45 00	70	50 75	70	63 00	80	70 00
2X 11	38"	66	49 50	77	55 83	77	69 30	88	77 00
2X 12	41 $\frac{1}{4}$ "	72	54 00	84	60 90	84	75 60	96	84 00
2X 13	44 $\frac{3}{8}$ "	78	58 50	91	65 98	91	81 90	104	91 00
2X 14	47 $\frac{7}{8}$ "	84	63 00	98	71 05	98	88 20	112	98 00
2X 15	50 $\frac{7}{8}$ "	90	67 50	105	76 13	105	94 50	120	105 00
2X 16	54 $\frac{1}{8}$ "	96	72 00	112	81 20	112	100 80	128	112 00
2X 18	60 $\frac{3}{8}$ "	108	81 00	126	91 35	126	113 40	144	126 00
2X 20	66 $\frac{7}{8}$ "	120	90 00	140	101 50	140	126 00	160	140 00
2X 22	73 $\frac{1}{4}$ "	132	99 00	154	111 65				
2X 24	79 $\frac{7}{8}$ "	144	108 00	168	121 80				
2X 26	86 $\frac{3}{4}$ "	156	117 00	182	131 95				
3X 3	12 $\frac{3}{4}$ "	27	20 25	31 $\frac{1}{2}$	22 84	31 $\frac{1}{2}$	31 50	36	35 10
3X 4	15 $\frac{1}{8}$ "	36	27 00	42	30 45	42	42 00	48	46 80
3X 5	18 $\frac{1}{2}$ "	45	33 75	52 $\frac{1}{2}$	38 07	52 $\frac{1}{2}$	52 50	60	58 50
3X 6	22"	54	40 50	63	45 68	63	63 00	72	70 20
3X 7	25 $\frac{5}{8}$ "	63	47 25	73 $\frac{1}{2}$	53 29	73 $\frac{1}{2}$	73 50	84	81 90
3X 8	28 $\frac{3}{4}$ "	72	54 00	84	60 90	84	84 00	96	93 60
3X 9	31 $\frac{1}{2}$ "	81	60 75	94 $\frac{1}{2}$	68 52	94 $\frac{1}{2}$	94 50	108	105 30
3X 10	34 $\frac{3}{4}$ "	90	67 50	105	76 13	105	105 00	120	117 00
3X 11	39"	99	74 25	115 $\frac{1}{2}$	83 74	115 $\frac{1}{2}$	115 50	132	128 70
3X 12	42"	108	81 00	126	91 35	126	126 00	144	140 40
3X 13	45 $\frac{1}{8}$ "	117	87 75	136 $\frac{1}{2}$	98 97	136 $\frac{1}{2}$	136 50	156	152 10
3X 15	51 $\frac{3}{4}$ "	135	101 25	157 $\frac{1}{2}$	114 20	157 $\frac{1}{2}$	157 50	180	175 50
4X 4	16 $\frac{1}{8}$ "	48	36 00	56	40 60				
4X 5	19 $\frac{3}{8}$ "	60	45 00	70	50 75				
4X 6	22 $\frac{3}{4}$ "	72	54 00	84	60 90				
4X 7	26 $\frac{3}{8}$ "	84	63 00	98	71 05				
4X 8	29 $\frac{1}{4}$ "	96	72 00	112	81 20				
4X 9	32"	108	81 00	126	91 35				
4X 10	35 $\frac{3}{8}$ "	120	90 00	140	101 50				
4X 12	42 $\frac{1}{2}$ "	144	108 00	168	121 80				
4X 14	48 $\frac{3}{8}$ "	168	126 00	196	142 10				
4X 18	60 $\frac{3}{8}$ "	216	162 00	252	182 70				
4X 20	67 $\frac{1}{4}$ "	240	180 00	280	203 00				
4X 22	73 $\frac{1}{2}$ "	264	198 00	308	223 30				
4X 24	79 $\frac{3}{8}$ "	288	216 00	336	243 60				



BUNDY STANDARD RADIATOR, Two Row.

Made for Steam and Hot Water.

Made for Direct-Indirect (Box-Base)—see pages 40, 41, 42 and 43.

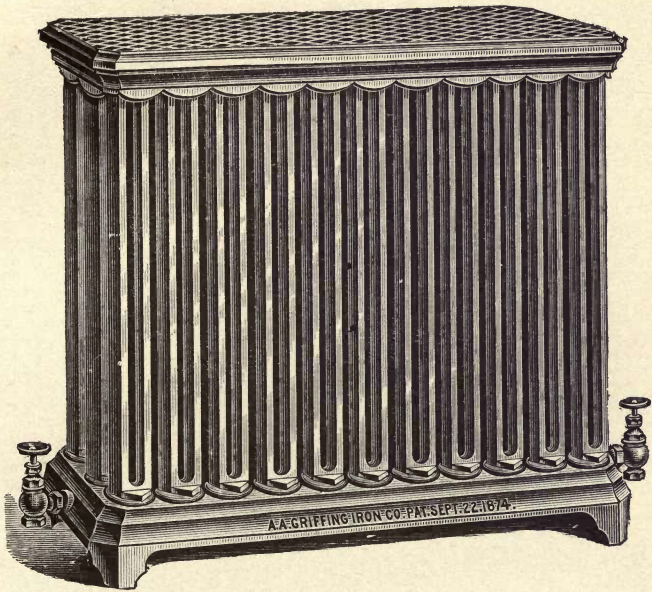
Made for Duplex and Semi-Duplex Base—see pages 44, 45 and 46.

For sizes and prices see pages 20, 22, 24 and 26.

For tappings see pages 37 and 38.

## Bundy Standard Radiator Sizes and Prices.

WIDTH OF BASES. One Row, 5 $\frac{1}{2}$ inches. Two " 9 $\frac{1}{2}$ " Three " 13 $\frac{1}{2}$ " Four " 17 $\frac{1}{2}$ "		STEAM. Thirty Inches High.				HOT WATER. Thirty-Three Inches High.			
		STANDARD LOOP.		ENLARGED LOOP.		STANDARD LOOP.		ENLARGED LOOP.	
Size of Radiator.	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
		1 X 3	12"	7 $\frac{1}{2}$	\$6 38	9	\$7 43	9	\$9 00
1 X 4	15 $\frac{1}{4}$ "	10	8 50	12	9 90	12	12 00	14	13 65
1 X 5	18 $\frac{1}{2}$ "	12 $\frac{1}{2}$	10 63	15	12 38	15	15 00	17 $\frac{1}{2}$	17 06
1 X 6	21 $\frac{3}{4}$ "	15	12 75	18	14 85	18	18 00	21	20 48
1 X 7	25 $\frac{1}{8}$ "	17 $\frac{1}{2}$	14 88	21	17 33	21	21 00	24 $\frac{1}{2}$	23 89
1 X 8	28 $\frac{1}{8}$ "	20	17 00	24	19 80	24	24 00	28	27 30
1 X 9	31 $\frac{1}{2}$ "	22 $\frac{1}{2}$	19 13	27	22 28	27	27 00	31 $\frac{1}{2}$	30 71
1 X 10	34 $\frac{1}{2}$ "	25	21 25	30	24 75	30	30 00	35	34 13
1 X 11	38"	27 $\frac{1}{2}$	23 38	33	27 23	33	33 00	38 $\frac{1}{2}$	37 54
1 X 12	41 $\frac{1}{4}$ "	30	25 50	36	29 70	36	36 00	42	40 95
1 X 13	44 $\frac{3}{8}$ "	32 $\frac{1}{2}$	27 63	39	32 18	39	39 00	45 $\frac{1}{2}$	44 36
1 X 14	47 $\frac{3}{8}$ "	35	29 75	42	34 65	42	42 00	49	47 78
1 X 15	51"	37 $\frac{1}{2}$	31 88	45	37 13	45	45 00	52 $\frac{1}{2}$	51 19
1 X 16	54"	40	34 00	48	39 60	48	48 00	56	54 60
1 X 18	60 $\frac{5}{8}$ "	45	38 25	54	44 55	54	54 00	63	61 43
1 X 20	66 $\frac{7}{8}$ "	50	42 50	60	49 50	60	60 00	70	68 25
1 X 22	73 $\frac{1}{4}$ "	55	46 75	66	54 45				
1 X 24	79 $\frac{1}{8}$ "	60	51 00	72	59 40				
1 X 26	86 $\frac{1}{8}$ "	65	55 25	78	64 35				
2 X 3	12	15	12 75	18	14 85	18	18 00	21	20 48
2 X 4	15 $\frac{1}{4}$ "	20	17 00	24	19 80	24	24 00	28	27 30
2 X 5	18 $\frac{1}{2}$ "	25	21 25	30	24 75	30	30 00	35	34 12
2 X 6	21 $\frac{3}{4}$ "	30	25 50	36	29 70	36	36 00	42	40 96
2 X 7	24 $\frac{3}{8}$ "	35	29 75	42	34 65	42	42 00	49	47 78
2 X 8	28 $\frac{1}{8}$ "	40	34 00	48	39 60	48	48 00	56	54 60
2 X 9	31 $\frac{1}{4}$ "	45	38 25	54	44 55	54	54 00	63	61 42
2 X 10	34 $\frac{3}{8}$ "	50	42 50	60	49 50	60	60 00	70	68 26
2 X 11	38"	55	46 75	66	54 45	66	66 00	77	75 08
2 X 12	41 $\frac{1}{4}$ "	60	51 00	72	59 40	72	72 00	84	81 90
2 X 13	44 $\frac{3}{8}$ "	65	55 25	78	64 35	78	78 00	91	88 72
2 X 14	47 $\frac{3}{8}$ "	70	59 50	84	69 30	84	84 00	98	95 56
2 X 15	50 $\frac{3}{8}$ "	75	63 75	90	74 25	90	90 00	105	102 38
2 X 16	54 $\frac{3}{8}$ "	80	68 00	96	79 20	96	96 00	112	109 20
2 X 18	60 $\frac{3}{8}$ "	90	76 50	108	89 10	108	108 00	126	132 86
2 X 20	66 $\frac{3}{8}$ "	100	85 00	120	99 00	120	120 00	140	136 50
2 X 22	73 $\frac{1}{4}$ "	110	93 50	132	108 90				
2 X 24	79 $\frac{3}{8}$ "	120	102 00	144	118 80				
2 X 26	86 $\frac{1}{4}$ "	130	110 50	156	128 70				
3 X 3	12 $\frac{1}{4}$ "	22 $\frac{1}{2}$	19 12	27	22 28	27	29 70	31 $\frac{1}{2}$	33 86
3 X 4	15 $\frac{1}{2}$ "	30	25 50	36	29 70	36	39 60	42	45 15
3 X 5	18 $\frac{1}{2}$ "	37 $\frac{1}{2}$	31 87	45	37 13	45	49 50	52 $\frac{1}{2}$	56 44
3 X 6	22"	45	38 25	54	44 55	54	59 40	63	67 73
3 X 7	25 $\frac{5}{8}$ "	52 $\frac{1}{2}$	44 62	63	51 98	63	69 30	73 $\frac{1}{2}$	79 01
3 X 8	28 $\frac{3}{8}$ "	60	51 00	72	59 40	72	79 20	84	90 30
3 X 9	31 $\frac{1}{2}$ "	67 $\frac{1}{2}$	57 37	81	66 83	81	89 10	94 $\frac{1}{2}$	101 59
3 X 10	34 $\frac{1}{4}$ "	75	63 75	90	74 25	90	99 00	105	112 88
3 X 11	39"	82 $\frac{1}{2}$	70 12	99	81 68	99	108 90	115 $\frac{1}{2}$	124 16
3 X 12	42"	90	76 50	108	89 10	108	118 80	126	135 45
3 X 13	45 $\frac{1}{8}$ "	97 $\frac{1}{2}$	82 87	117	96 53	117	128 70	136 $\frac{1}{2}$	146 74
3 X 15	51 $\frac{3}{8}$ "	112 $\frac{1}{2}$	95 62	135	111 38	135	148 50	157 $\frac{1}{2}$	169 31
4 X 4	16 $\frac{1}{8}$ "	40	34 00	48	39 60				
4 X 5	19 $\frac{3}{8}$ "	50	42 50	60	49 50				
4 X 6	22 $\frac{3}{4}$ "	60	51 00	72	59 40				
4 X 7	26 $\frac{1}{4}$ "	70	59 50	84	69 30				
4 X 8	29 $\frac{1}{4}$ "	80	68 00	96	79 20				
4 X 9	32"	90	76 50	108	89 10				
4 X 10	35 $\frac{3}{8}$ "	100	85 00	120	99 00				
4 X 12	42 $\frac{1}{8}$ "	120	102 00	144	118 80				
4 X 14	48 $\frac{3}{8}$ "	40	119 00	168	138 60				
4 X 18	60 $\frac{1}{8}$ "	80	153 00	216	178 20				
4 X 20	67 $\frac{1}{4}$ "	200	70 00	240	198 00				
4 X 22	73 $\frac{1}{2}$ "	220	187 00	264	217 80				
4 X 24	79 $\frac{3}{8}$ "	240	204 00	288	237 60				



BUNDY STANDARD RADIATOR, Three Row.

Made for Steam and Hot Water.

Made for Direct-Indirect (Box Base)—see pages 40, 41, 42 and 43.

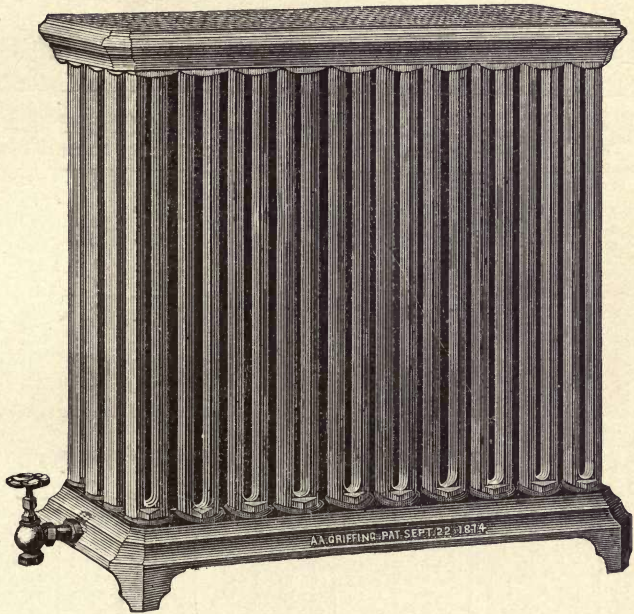
Made for Duplex and Semi-Duplex Base—see pages 44, 45 and 46.

For sizes and prices see pages 20, 22, 24 and 26.

For tappings see pages 37 and 38.

# Bundy Standard Radiator Sizes and Prices.

WIDTH OF BASES. One Row, 5 1/2 inches. Two " 9 1/2 " Three " 13 1/2 " Four " 17 1/2 "		STEAM. Twenty-Four Inches High.				HOT WATER. Twenty-Seven Inches High.			
		Standard Loop.		Enlarged Loop.		Standard Loop.		Enlarged Loop.	
Size of Radiator.	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
		1 X 3	12"	6	\$6 00	7	\$6 83	7 1/2	\$8 63
1 X 4	15 1/4"	8	8 00	9 1/2	9 10	10	11 50	11 1/2	12 75
1 X 5	18 1/2"	10	10 00	11 1/2	11 38	12 1/2	14 38	14 1/2	15 94
1 X 6	21 3/4"	12	12 00	14	13 65	15	17 25	17	19 13
1 X 7	25 1/4"	14	14 00	16 1/2	15 93	17 1/2	20 13	19 1/2	22 32
1 X 8	28 1/2"	16	16 00	18 1/2	18 20	20	23 00	22 1/2	25 51
1 X 9	31 1/2"	18	18 00	21	20 48	22 1/2	25 88	25 1/2	28 69
1 X 10	34 1/2"	20	20 00	23 1/2	22 75	25	28 75	28 1/2	31 88
1 X 11	38"	22	22 00	25 1/2	25 03	27 1/2	31 63	31 1/2	35 07
1 X 12	41 1/4"	24	24 00	28	27 30	30	34 50	34	38 25
1 X 13	44 3/8"	26	26 00	30 1/2	29 58	32 1/2	37 38	36 1/2	41 44
1 X 14	47 7/8"	28	28 00	32 1/2	31 85	35	40 25	39 1/2	44 63
1 X 15	51"	30	30 00	35	34 13	37 1/2	43 13	42 1/2	47 82
1 X 16	54"	32	32 00	37 1/2	36 40	40	46 00	45 1/2	51 00
1 X 18	60 3/8"	36	36 00	42	40 95	45	51 75	51	57 38
1 X 20	66 3/4"	40	40 00	46 3/8	45 50	50	57 50	56 3/8	63 75
1 X 22	73 1/4"	44	44 00	51 1/8	50 05				
1 X 24	79 3/4"	48	48 00	56	54 60				
1 X 26	86 1/8"	52	52 00	60 3/8	59 15				
2 X 3	12	12	12 00	14	13 65	15	17 26	17	19 14
2 X 4	15 1/4"	16	16 00	18 1/2	18 20	20	23 00	22 1/2	25 50
2 X 5	18 1/2"	20	20 00	23 1/2	22 75	25	28 76	28 1/2	31 88
2 X 6	21 3/4"	24	24 00	28	27 30	30	34 50	34	38 26
2 X 7	24 7/8"	28	28 00	32 1/2	31 85	35	40 26	39 1/2	44 64
2 X 8	28 1/2"	32	32 00	37 1/2	36 40	40	46 00	45 1/2	51 02
2 X 9	31 1/4"	36	36 00	42	40 95	45	51 76	51	57 38
2 X 10	34 3/8"	40	40 00	46 3/8	45 50	50	57 50	56 3/8	63 76
2 X 11	38"	44	44 00	51 1/8	50 05	55	63 26	62 1/2	70 14
2 X 12	41 1/4"	48	48 00	56	54 60	60	69 00	68	76 50
2 X 13	44 3/8"	52	52 00	60 3/8	59 15	65	74 76	73 3/8	82 88
2 X 14	47 7/8"	56	56 00	65 1/8	63 70	70	80 50	79 1/8	89 26
2 X 15	50 3/8"	60	60 00	70	68 25	75	86 26	85	95 64
2 X 16	54 1/8"	64	64 00	74 3/8	72 81	80	92 00	90 3/8	102 00
2 X 18	60 3/8"	72	72 00	84	81 90	90	103 50	102	114 76
2 X 20	66 3/4"	80	80 00	93 1/8	91 00	100	115 00	113 1/8	127 50
2 X 22	73 1/4"	88	88 00	102 3/8	100 10				
2 X 24	79 3/4"	96	96 00	112	109 20				
2 X 26	86 1/4"	104	104 00	121 1/8	118 30				
3 X 3	12 1/4"	18	18 00	21	20 48	22 1/2	28 13	25 1/2	31 24
3 X 4	15 1/2"	24	24 00	28	27 30	30	37 50	34	41 65
3 X 5	18 1/2"	30	30 00	35	34 13	37 1/2	46 88	42 1/2	52 06
3 X 6	22"	36	36 00	42	40 95	45	56 25	51	62 48
3 X 7	25 5/8"	42	42 00	49	47 78	52 1/2	65 63	59 1/2	72 89
3 X 8	28 3/8"	48	48 00	56	54 60	60	75 00	68	83 30
3 X 9	31 1/8"	54	54 00	63	61 43	67 1/2	84 38	76 1/2	93 71
3 X 10	34 1/4"	60	60 00	70	68 25	75	93 75	85	104 13
3 X 11	39"	66	66 00	77	75 08	82 1/2	103 13	93 1/2	114 54
3 X 12	42"	72	72 00	84	81 90	90	112 50	102	124 95
3 X 13	45 1/8"	78	78 00	91	88 73	97 1/2	121 88	110 1/2	135 36
3 X 15	51 3/4"	90	90 00	105	102 38	112 1/2	140 63	127 1/2	150 19
4 X 4	16 1/8"	32	32 00	37 1/8	36 40				
4 X 5	19 3/8"	40	40 00	46 3/8	45 50				
4 X 6	22 3/4"	48	48 00	56	54 60				
4 X 7	26 1/8"	56	56 00	65 1/8	63 70				
4 X 8	29 1/4"	64	64 00	74 3/8	72 80				
4 X 9	32"	72	72 00	84	81 90				
4 X 10	35 3/8"	80	80 00	93 1/8	91 00				
4 X 12	42 1/2"	96	96 00	112	109 20				
4 X 14	48 3/8"	112	112 00	130 3/8	127 40				
4 X 18	60 1/8"	144	144 00	168	163 80				
4 X 20	67 1/4"	160	160 00	186 3/8	182 00				
4 X 22	73 3/8"	176	176 00	205 1/8	200 20				
4 X 24	79 3/8"	192	192 00	224	218 40				



BUNDY STANDARD RADIATOR, Four Row.

Made for Steam only.

Made for Direct-Indirect (Box Base)—see pages 40, 41, 42 and 43.

Made for Duplex and Semi-Duplex Base—see pages 44, 45 and 46.

For sizes and prices see pages 20, 22, 24 and 26.

For sizes of tappings see pages 37 and 38.

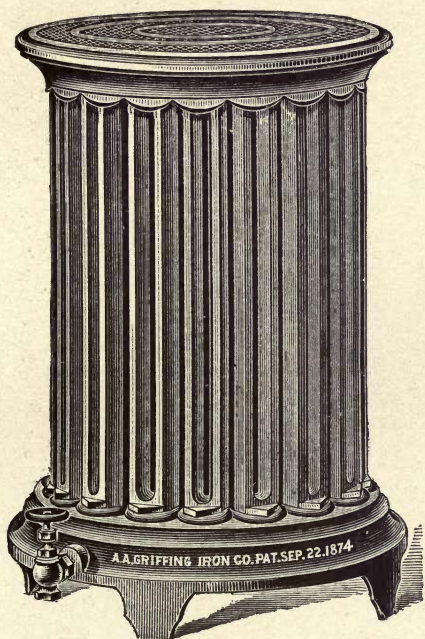
## Bundy Standard Circular Radiator Sizes and Prices.

List of Radiators built on the following size Bases.		STEAM. Forty-Two Inches High.				HOT WATER. Forty-Five Inches High.			
		Standard Loop.		Enlarged Loop.		Standard Loop.		Enlarged Loop.	
		Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged or Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
10	17 $\frac{1}{4}$ "	35	\$26 25	42 $\frac{1}{2}$	\$30 82	40	\$38 00	47 $\frac{1}{2}$	\$43 94
15	18 $\frac{1}{2}$ "	52 $\frac{1}{2}$	39 38	63 $\frac{3}{4}$	46 22	60	57 00	71 $\frac{1}{4}$	65 91
20	21 $\frac{1}{2}$ "	70	52 50	85	61 63	80	76 00	95	87 88
26	22 $\frac{1}{2}$ "	91	68 25	110 $\frac{1}{2}$	80 12	104	98 80	123 $\frac{1}{2}$	114 24
34	26 $\frac{1}{2}$ "	119	89 25	144 $\frac{1}{2}$	104 77	136	129 20	161 $\frac{1}{2}$	149 39
50	31 $\frac{1}{4}$ "	175	131 25	212 $\frac{1}{2}$	154 07	200	190 00	237 $\frac{1}{2}$	219 69
72	36"	252	189 00	306	221 85				
List of Radiators built on the following size Bases.		Thirty-Six Inches High.				Thirty-Nine Inches High.			
10	17 $\frac{1}{4}$ "	30	\$24 00	35	\$27 13	35	\$35 00	40	\$39 00
15	18 $\frac{1}{2}$ "	45	36 00	52 $\frac{1}{2}$	40 69	52 $\frac{1}{2}$	52 50	60	58 50
20	21 $\frac{1}{2}$ "	60	48 00	70	54 25	70	70 00	80	78 00
26	22 $\frac{1}{2}$ "	78	62 40	91	70 53	91	91 00	104	101 40
34	26 $\frac{1}{2}$ "	102	81 60	119	92 23	119	119 00	136	132 60
50	31 $\frac{1}{4}$ "	150	120 00	175	135 63	175	175 00	200	195 00
72	36"	216	172 80	252	195 30				
List of Radiators built on the following size Bases.		*Forty-Eight Inches High.							
142	57 $\frac{1}{2}$ "	497	† \$422 45	603 $\frac{1}{2}$	† \$497 89				
List of Radiators built on the following size Bases.		*Forty-Two Inches High.							
142	57 $\frac{1}{2}$ "	426	† \$383 40	497	† \$434 88				

\*Extra height of 142 Loop Radiator caused by the use of special high legs.

†Price includes binder only for marble top. If wanted with cast iron fret-work top add \$60.00 to list prices.





BUNDY STANDARD CIRCULAR RADIATOR.

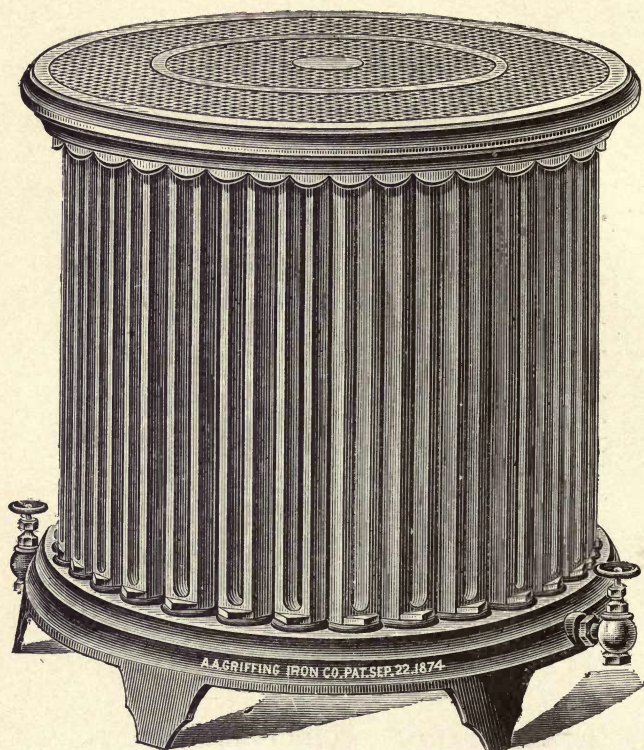
Made for Steam and Hot Water.

Made for Direct-Indirect (Box Base)—see pages 40, 41, 42 and 43.

Made for Duplex and Semi-Duplex Base—see pages 44, 45 and 46.

For sizes and prices see page 28.

For tappings see pages 37 and 38.



BUNDY STANDARD CIRCULAR RADIATOR—142 LOOPS.

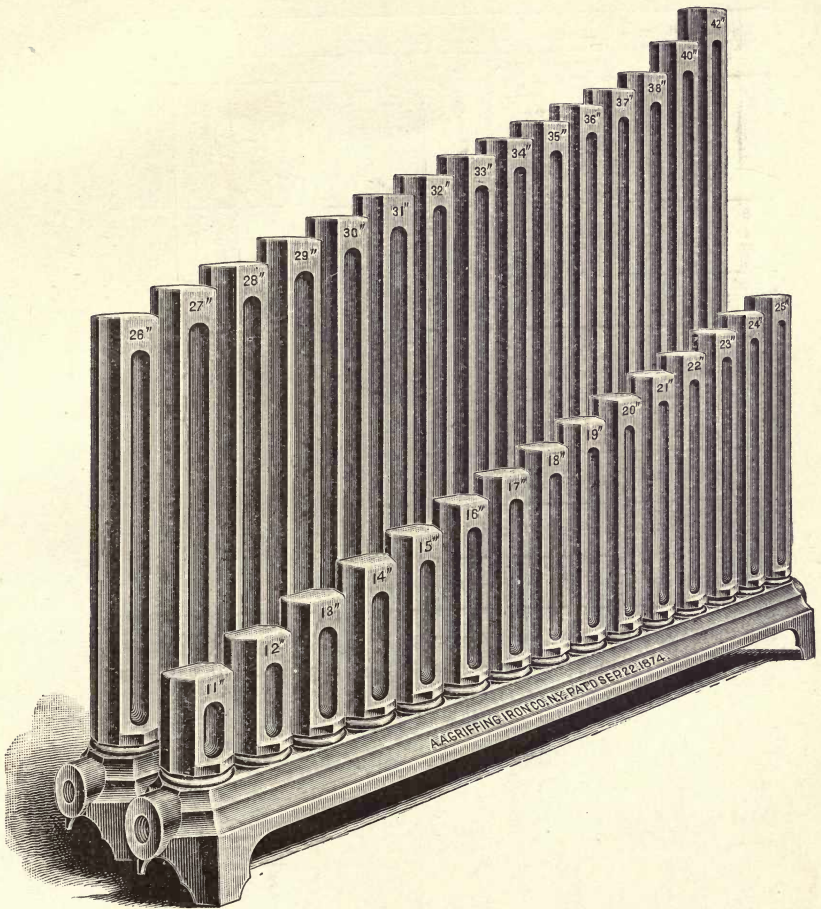
Made for Steam only.

Made for Direct-Indirect (Box Base)—see pages 40, 41, 42 and 43.

Made for Duplex and Semi-Duplex Base—see pages 44, 45 and 46.

For sizes and prices see page 28.

For tappings see page 38.



BUNDY STANDARD RADIATOR.

Showing variety of heights made. The loops fit in any size of base and all are interchangeable. For heights of Hot Water Radiators, add 3 inches to above for Upper Circulating Chamber. Same loop used for either Steam or Hot Water, but for Hot Water an Upper Circulation Chamber is used which is connected with the loops by right hand taper nipples.

## Bundy Standard Column Radiator.

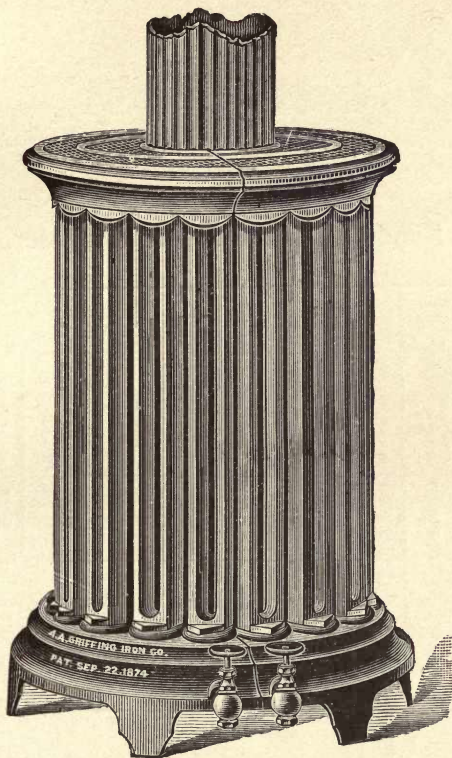
List of Radiators built on the following Size Bases.			STEAM. Forty-Two Inches High.				HOT WATER. Forty-Five Inches High.			
			Standard Loop.		Enlarged Loop.		Standard Loop.		Enlarged Loop.	
Number of Loops.	Outside Diameter of Base.	Inside Diameter of Base.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
26	26"	9"	91	\$72 80	110½	\$85 64	104	\$124 80	123½	\$145 12
34	30"	12¾"	119	95 20	144½	111 99				
50	36"	17"	175	140 00	212½	164 69	200	240 00	237½	279 06
58	41"	24"	203	162 40	246½	191 04				
List of Radiators built on the following Size Bases.			Thirty-Six Inches High.				Thirty-Nine Inches High.			
26	26"	9"	78	\$66 30	91	\$75 08	91	\$113 75	104	\$127 40
34	30"	12¾"	102	86 70	119	98 18				
50	36"	17"	150	127 50	175	144 38	175	218 75	200	245 00
58	41"	24"	174	147 90	203	167 48				
List of Radiators built on the following Size Base.			* Forty-Eight Inches High.							
142	57½"	18"	497	†\$422 45	603½	†\$497 89				
List of Radiators built on the following Size Base.			* Forty-Two Inches High.							
142	57½"	18"	426	†\$383 40	497	†\$434 88				

\* Extra height of 142 loop Radiator caused by the use of special high legs.

† Price includes binder only for marble top. If wanted with cast iron fret-work top add \$60.00 to list prices.

## Bundy Standard Ring Column Radiator.

List of Radiators built on the following size Bases.			STEAM. Forty-Two Inches High.			
			Standard Loop.		Enlarged Loop.	
Number of Loops.	Outside Diameter of Base.	Inside Diameter of Base.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
18	26"	12"	63	\$59 85	76½	\$70 77
22	30"	16"	77	73 15	93½	86 49
28	36"	22½"	98	93 10	119	110 08
32	41"	28½"	112	106 40	136	125 80
List of Radiators built on the following size Bases.			Thirty-Six Inches High.			
18	26"	12"	54	\$54 00	63	\$61 43
22	30"	16"	66	66 00	77	75 08
28	36"	22½"	84	84 00	98	95 55
32	41"	28½"	96	96 00	112	109 20



BUNDY STANDARD COLUMN RADIATOR.

Made for Steam and Hot Water.

Made for Direct-Indirect (Box Base)—see pages 40, 41, 42 and 43.

Made for Duplex and Semi-Duplex Base—see pages 44, 45 and 46.

For sizes and prices see page 32.

For tappings see page 38.

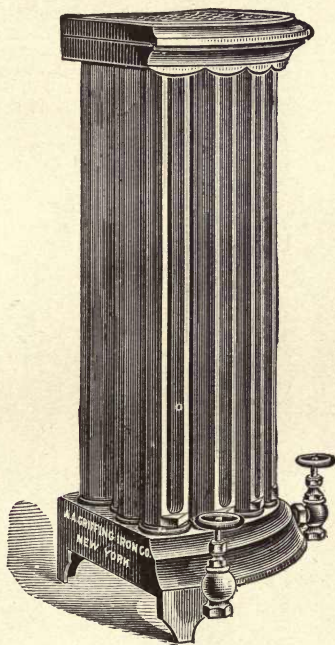


## Bundy Standard Corner Radiator.

List of Radiators built on the following size Bases.			STEAM. Forty-Two Inches High.				HOT WATER. Forty-Five Inches High.			
			Standard Loop.		Enlarged Loop.		Standard Loop.		Enlarged Loop.	
Number of Loops.	Radius of Circle.	Number of Loops in Front Row.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
10	15"	5	35	\$26 25	42½	\$30 82	40	\$38 00	47½	\$43 94
15	17¼"	6	52½	39 38	63¾	46 22	60	57 00	71¼	65 91
20	19½"	7	70	52 50	85	61 63	80	76 00	95	87 88
25	22½"	9	87½	74 38	106¼	87 66				
28	22½"	9	98	83 30	119	98 18				
List of Radiators built on the following size Bases.			Thirty-Six Inches High.				Thirty-Nine Inches High.			
10	15"	5	30	\$24 00	35	\$27 13	35	\$35 00	40	\$39 00
15	17¼"	6	45	36 00	52½	40 69	52½	52 50	60	58 50
20	19½"	7	60	48 00	70	54 25	70	70 00	80	78 00
25	22½"	9	75	67 50	87½	76 57				
28	22½"	9	84	75 60	98	85 75				

The price of Bundy Corner Steam Radiators less than 36" high is the same as the 36" height. No allowance made for the use of shorter loops.

The price of Bundy Corner Hot Water Radiators less than 39" high is the same as the 39" height.



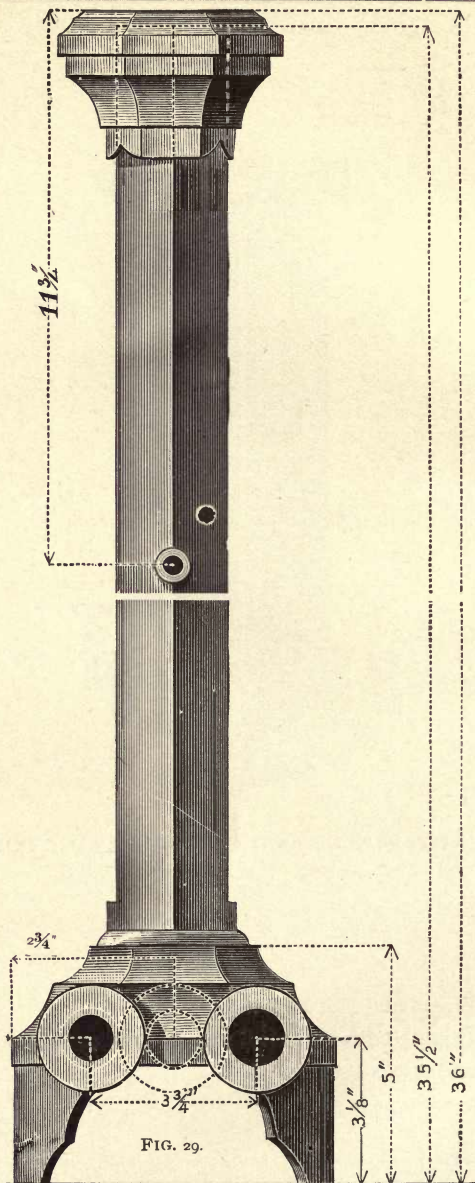
BUNDY STANDARD CORNER RADIATOR.

Made for Steam and Hot Water.

Made for Direct-Indirect (Box Base)—see pages 40, 41, 42 and 43.

For sizes and prices see page 34.

For tappings see page 38.

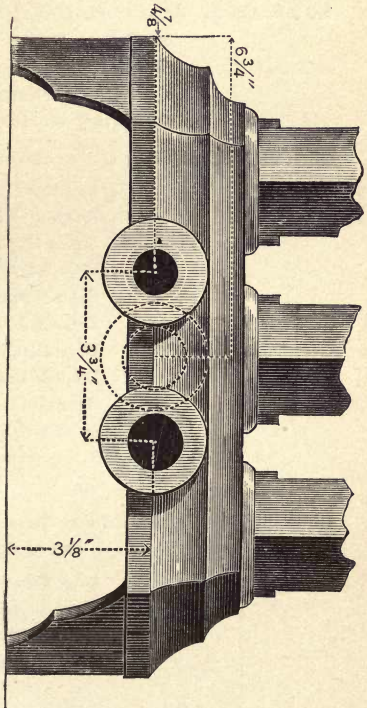


BUNDY STANDARD RADIATOR—ONE ROW.

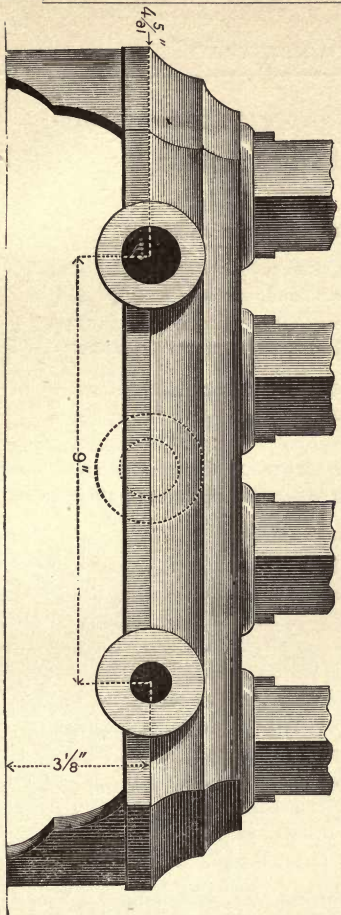
When one row Bundy Radiators are tapped for feed and return at the same end, the bases project, making the Radiator  $6\frac{1}{4}$  inches wide at that end, instead of  $5\frac{1}{2}$  inches, and the distance from side to center of tapping is  $1\frac{1}{4}$  inch.



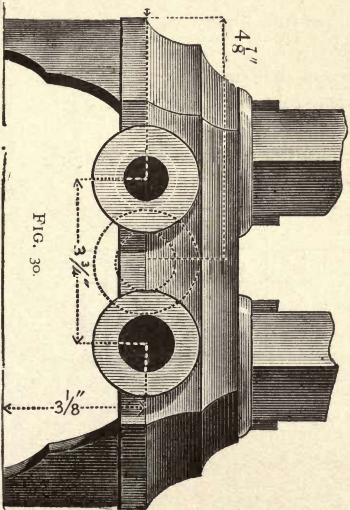
Fig. 30, Two Row.  
 Fig. 31, Three Row.  
 Fig. 32, Four Row.  
 Bundy Radiator bases showing  
 Tapping.  
 Extra high legs furnished at  
 extra cost.



BUNDY STANDARD RADIATOR—THREE ROW. FIG. 31.



FOUR ROW. FIG. 32.



TWO ROW. FIG. 30.

The Bundy Radiator is furnished in a greater variety of tappings than any other Radiator made. May be tapped on under side of base if desired.

# list of Sizes and Dimensions, Tappings and Measurements of Bundy Standard Radiators.

## SIZE OF TAPPINGS AND HEIGHT FROM CENTER TO FLOOR.

**STEAM.** Regular Tapping 1"x $\frac{3}{4}$ " R. H. opposite ends, but any size tapping may be had up to 2", right or left hand, opposite or same end, or one end only for one pipe work, excepting  $\frac{1}{2}$ " tapping is largest size that can be furnished in Renaissance Radiators.

**HOT WATER.** Regular Tapping  $1\frac{1}{4}$ "x $1\frac{1}{4}$ " R. H. opposite ends, but any size tapping may be had up to 2", right or left hand, opposite or same end, or in upper circulating chamber, excepting  $\frac{1}{2}$ " tapping is largest size that can be furnished in upper circulating chamber or in base of Renaissance Radiators.

**CENTER OF TAPPING** is distant from floor as follows :

Regular Height Legs.....	3 $\frac{1}{8}$ "
Regular High Legs. ....	4 $\frac{1}{2}$ "
Extra High Legs.....	5" to 7"
Renaissance Radiators.....	4 $\frac{1}{2}$ "
Semi-Renaissance Radiators.....	3 $\frac{1}{8}$ "
Dining Room Hot Closet Radiators.....	4 $\frac{1}{2}$ "
Direct-Indirect (Box Base) Bundy.....	4 $\frac{1}{2}$ "
Duplex Base Bundy Radiators.....	5"
Semi-Duplex Base Radiators.....	3 $\frac{1}{8}$ "
25 and 28 Loop Corner Radiators ...	4 $\frac{1}{2}$ "
72 Loop Circular Radiators.....	4 $\frac{1}{2}$ "
142 " " and Column.....	7"

**CENTERS OF TAPPINGS** are distance from each other when tapped same end or side,

One, Two and Three Row Bundy.....	3 $\frac{3}{4}$ "
Four Row Bundy.....	9"
Corner, Circular and Column.....	3 $\frac{3}{4}$ "
" from side to center....	2"

## SQUARE FEET OF HEATING SURFACE PER LOOP, STEAM AND HOT WATER.

STYLE OF LOOP.	STEAM.				HOT WATER.			
	42"	36"	30"	24"	45"	39"	33"	27"
Standard.....	3 $\frac{1}{2}$	3	2 $\frac{1}{2}$	2	4	3 $\frac{1}{2}$	3	2 $\frac{1}{2}$
Enlarged.....	4 $\frac{1}{4}$	3 $\frac{1}{2}$	3	2 $\frac{3}{8}$	4 $\frac{3}{4}$	4	3 $\frac{1}{2}$	2 $\frac{3}{8}$
Extended Surface... ..	4 $\frac{1}{4}$	3 $\frac{1}{2}$	3	2 $\frac{1}{3}$	4 $\frac{3}{4}$	4	3 $\frac{1}{2}$	2 $\frac{3}{8}$

list of Sizes and Dimensions, Tappings and Measurements of Bundy Standard Radiators.

BUNDY STANDARD, ENLARGED AND EXTENDED SURFACE LOOP RADIATORS, ALSO SEMI-RENAISSANCE RADIATORS.  
STEAM AND HOT WATER.

Widths of Radiators.	Lengths of Radiator by Loops and inches. Blank spaces show sizes not made.																			
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	18	20	22	24	26	
One Row.....	5 1/4"	12	15 1/4	18 1/2	21 3/4	25 1/8	28 1/2	31 1/2	34 1/2	38	41 1/4	44 3/8	47 3/8	51	54	60 3/8	66 1/8	73 1/4	79 3/8	86 1/8
Two Row.....	9 3/4"	12	15 1/4	18 1/2	21 3/4	24 7/8	28 1/2	31 1/2	34 9/8	38	41 1/4	44 3/8	47 7/8	50 7/8	54 1/8	60 3/8	66 1/8	73 1/4	79 3/8	86 1/8
+ Three Row.....	13 1/2"	12 1/4	15 1/2	18 3/4	22	25 7/8	28 3/8	31 7/8	34 1/4	39	42	45 7/8	51 3/4							
+ Four Row.....	17 1/2"	10 7/8	19 3/8	22 3/4	26 3/8	29 3/4	32													

\* 3x10 is size used for all Bundy Dining Room Hot Closet Radiators.  
+ Four Row Bundy Radiators are not made for Hot Water, only for Steam.

BUNDY RENAISSANCE STANDARD AND ENLARGED LOOP RADIATORS. STEAM AND HOT WATER.

Widths of Radiators.	Lengths by Loops and Inches						
	5	7	9	11	13	15	
One Row.....	7 1/4"	21 1/2	28 1/2	34 1/2	41	47 3/8	54
Two Row.....	11 3/4"	21 1/2	27 7/8	34 1/4	41	47 7/8	55 7/8
Three Row.....	15 1/2"	21 1/2	28 5/8	34 1/2	42	48 7/8	54 3/4

BUNDY CIRCULAR RADIATORS. STEAM AND HOT WATER.

Size, Number of Loops.....	10	15	20	26	34	50	\$72
Diameter in inches.....	17 1/4	18 1/2	21 1/2	22 1/2	26 5/8	31 1/4	36

§ 72 Loop Circular Radiator not made for Hot Water.

BUNDY COLUMN RADIATORS. STEAM AND HOT WATER.

Size, Number of Loops.	†26	34	†50	58
Outside Diameter of Base in inches.....	26	30	36	41
Inside Diameter of Base in inches.....	9	12 1/2	17	24

†26 & 50 Loop Column Radiators only sizes made for Hot Water.

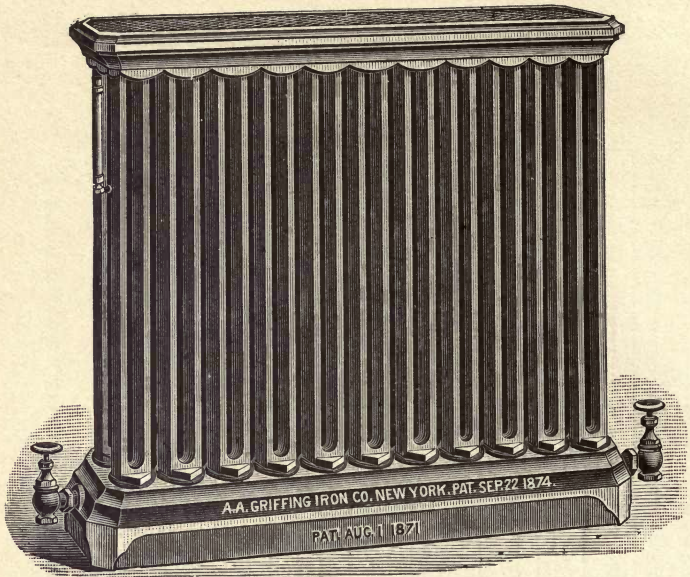
BUNDY RING COLUMN RADIATORS. STEAM.

Size, Number of Loops.	18	22	28	32
Outside Diameter of Base in inches	26	30	36	41
Inside Diameter of Base in inches...	12	16	22 1/2	28 1/2

BUNDY CORNER RADIATOR. STEAM AND HOT WATER.

Size, Number of Loops.....	10	15	20	§25	§28
Radii in Inches.....	15	17 1/4	19 1/2	22 1/2	22 1/2

§ 25 and 28 Loop Corner Radiators not made for Hot Water.



**BUNDY STANDARD DIRECT-INDIRECT (Box Base)  
RADIATOR.**

Closed down to the floor all the way around. Fresh air is admitted through hole in floor underneath Radiator.



**BUNDY STANDARD DIRECT-INDIRECT (Box Base)  
RADIATOR.**

With opening for fresh air inlet in back panel. The front of the Radiator looks like cut at top of this page.

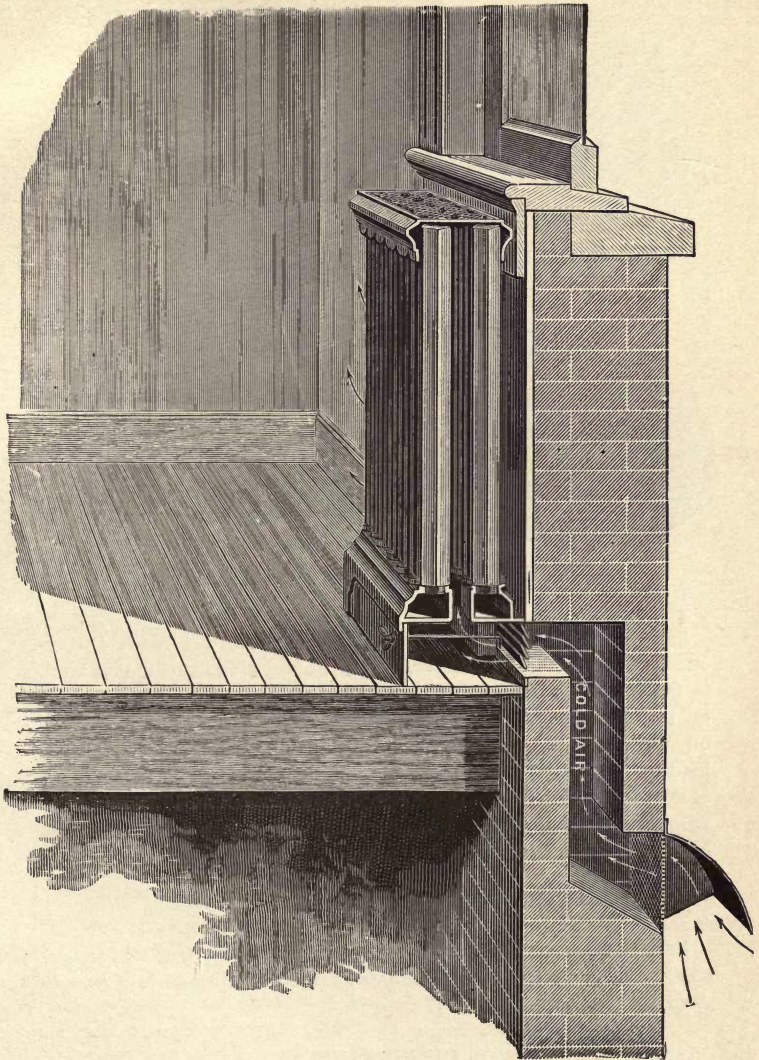
All Bundy Steam and Hot Water Radiators are furnished with Box Base with opening in back for fresh air supply, usually 8" wide by 4" high, or closed all around to be supplied with fresh air through hole in floor underneath.

**LIST PRICES PER LOOP TO BE ADDED TO LIST PRICES OF  
REGULAR BUNDY RADIATORS.**

Rectangular Radiators, 25 cents per Loop extra.

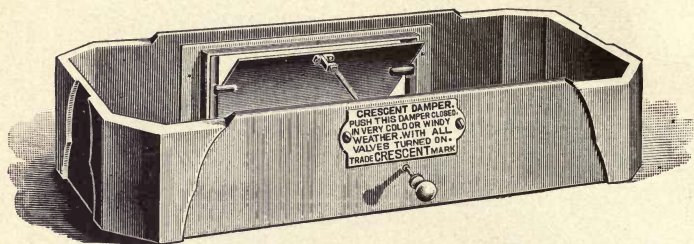
Circular, Column and Corner Radiators, 50 cents per Loop extra.

Furnished only with high leg Radiators, with center of tapping 4½' from floor.

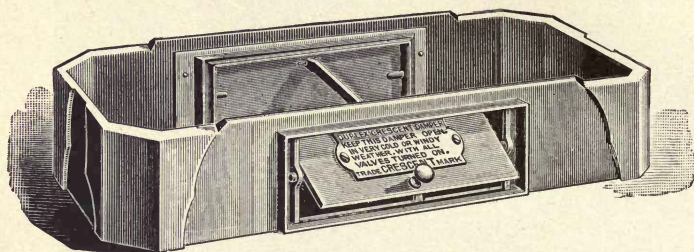


BUNDY STANDARD DIRECT-INDIRECT (Box Base)  
RADIATOR.

Showing fresh air supply when opening is in back of base.



BUNDY CRESCENT DAMPER.



BUNDY DUPLEX CRESCENT DAMPER.

The Bundy Crescent Damper, which is for use with Direct-Indirect (Box Base) Radiators, is operated by a rod and nickel knob in the front, the Duplex Crescent Damper by a nickel knob placed on the front panel, the two dampers being connected by a rod. Opening one Damper closes the other. Recommended for use by leading engineers and architects wherever Direct-Indirect heating is adopted. Can be used with the Bundy Duplex and Bundy Semi-Duplex Base Radiators. For long Radiators two or more Dampers may be used to excellent advantage.

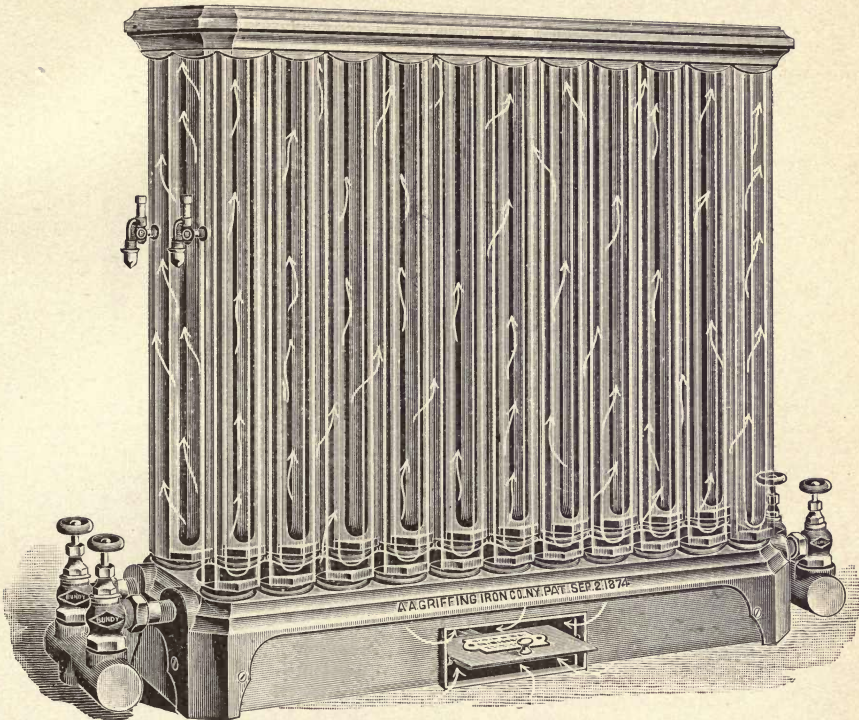
Size of Dampers,  $3\frac{1}{2}$ " high by 10" long.

Parties desiring the single Damper in the rear panel will please specify "*Bundy Crescent Damper*," the two Dampers, "*Bundy Duplex Crescent Damper*."

#### LIST PRICES.

Bundy Crescent Damper, . . .	\$3.00 per Radiator extra.
Bundy Duplex Crescent Damper, . . .	5.00 per Radiator extra.

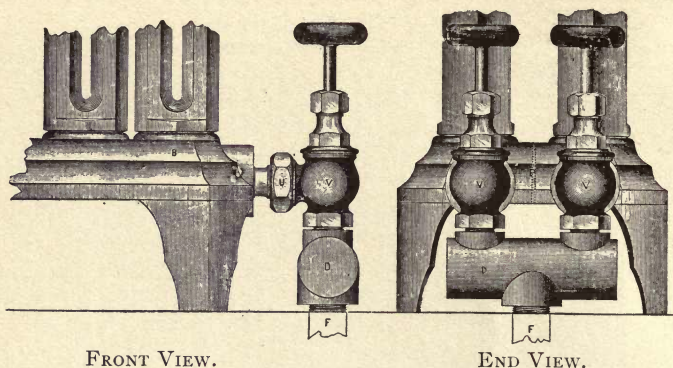
Above prices are for dampers only and do not include the box-base panels, which are extra and are charged for as per prices on page 40 of this book.



BUNDY STANDARD DIRECT-INDIRECT (BOX BASE)  
RADIATOR WITH DUPLEX BASE AND  
DUPLEX CRESCENT DAMPERS.

In the cut the front row of loops is made ice-like in appearance, to show the large opening through the base between the rows of loops for the fresh air to pass through. The arrow heads illustrate the air circulation. There is a damper (not shown in cut) in the rear panel, the same as shown in the front, so connected that when one is open the other is closed. In this way the volume of fresh air admitted is controlled at will, to meet the requirements of each case under the varying conditions that may exist. The dampers may stand fully open or closed, or each one may be only partially opened, when the Radiator performs the dual function of acting as a Direct-Indirect Radiator, combining heating and ventilating in the most economical and effective manner possible, and also as a Direct Radiator.

The Duplex Base feature, which is more fully described on another page of this book, enables one to use the whole or only a portion of the Radiator at will, thereby preventing over-heating of apartments, and saving much fuel.



FRONT VIEW.

END VIEW.

### FRONT AND END VIEWS OF BUNDY STANDARD DUPLIX BASE RADIATOR.

Bundy Duplex Base Radiator is furnished with two, three and four rows of loops, so constructed that only one or more rows of loops may be used at a time, thereby securing just the amount of heat required. During fully 75 per cent. of the heating season less than the full heating capacity of a Radiator of sufficient size to give ample heat during the remaining 25 per cent. of the time is required, hence out of 200 days in a year when artificial heat is necessary the Bundy Duplex Base Radiator will make available the following advantages 150 days:

**First.**—Save a large per cent. of the fuel consumed, about 25 per cent.

**Second.**—Prevent over-heating of rooms in mild and moderately cold weather, a condition of affairs not only unpleasant, but positively hurtful as well, giving rise to headaches, vertigo, and kindred complaints.

**Third.**—Insure a uniform heat, and the proper quantity, which may be quickly increased or diminished by opening or closing the valves.

**Fourth.**—Reduce the wear on the valves by rendering it unnecessary to open and close them at frequent intervals in the vain attempt to secure and maintain the requisite amount of heat with the ordinary style of Radiator.

**Fifth.**—Make available with steam the advantages of hot water heating, without incurring its increased cost; for, while more valves are required with the Duplex Base, they are of smaller size, usually  $\frac{3}{4}$ " , and their increased cost, if any, is slight, wholly disproportionate with the advantages obtained.

**Sixth.**—Save the extra expense often times of using more than one Radiator in a room, with its incident loss of floor space, for it makes available three sizes of Radiators in one two, three or four row Radiator.

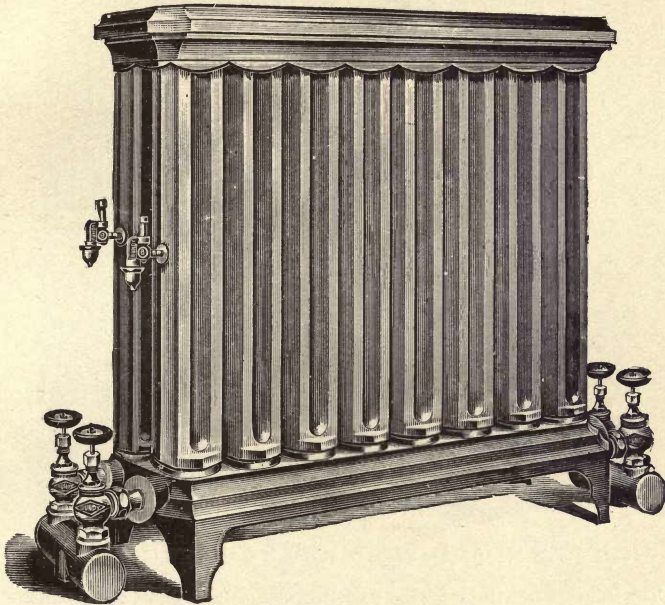
#### Possibilities with the Bundy Duplex Base Radiators.

In Mild Weather use only the rear row of loops in the Radiator.

In Fairly Cold Weather use only the front row.

In Extremely Cold Weather use both rows of loops.





BUNDY STANDARD DUPLEX BASE RADIATOR.

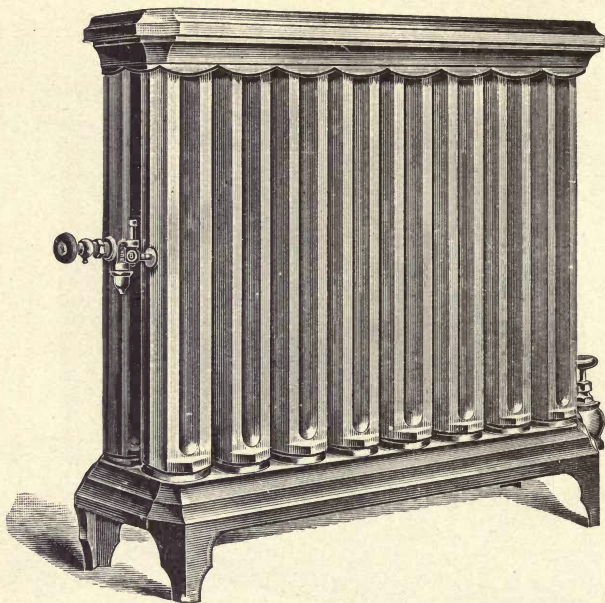
LIST PRICES TO BE ADDED TO PRICES OF REGULAR BUNDY REDIATORS.

Style of Radiator.	Steam.	Hot Water.	Header.
Two Row of Loops	\$4 00	\$8 00	\$2 00
Three Row of Loops	8 00	16 00	2 50
Four Row of Loops	12 00	Not Made.	3 00

Regular Steam Tapping Supply Header  $1\frac{1}{4}$ " underneath.

Return Header 1" underneath, with all tappings on top of headers and Radiator  $\frac{3}{4}$ " R. H.

Regular Hot Water Tapping, both headers  $1\frac{1}{4}$ " underneath, with all tappings on top of headers and Radiator 1" R. H.



### BUNDY STANDARD SEMI-DUPLEX BASE RADIATOR.

The Bundy Semi-Duplex Base Radiator makes it possible to control the heat and secure the requisite amount with the one-pipe system of steam heating, hence, in effect, it is like the Duplex Base Radiator, illustrated and described on a preceding page. Only one Radiator valve to each Radiator, and two or more air vents are required, one of which should be automatic and the other positive in their operation. As applied to the two, three or four row Bundy Standard Radiator, the end loop in each row of loops is tapped for air vent, into one of which an automatic air valve should be placed, and into the other a positive pet cock, the effect being that when steam enters the Radiator it fills only the row of loops having the automatic air valve, through which the air escapes. If more heat is required the air from some of the other loops may be allowed to escape by opening the pet cock until the required number of loops are heated. As applied to the One Row Bundy or any Bundy Sectional Radiator, the end loop or section is tapped for positive pet cock and a central loop or section tapped for automatic air valve, if desired, in the rear from which a small pipe may extend to the end of the Radiator and there be equipped with an automatic air valve, which is always necessary to use in connection with the central tapping. This brings the positive and automatic air valves close together.

LIST PRICES TO BE ADDED TO PRICES OF REGULAR BUNDY RADIATORS.

Style of Radiator.	Per Radiator Extra.
One and Two Row Bundy Standard.....	\$3 00
Three and Four Row Bundy Standard.....	6 00
Sectional Bundy Radiators.....	3 00



FULL SIZE SECTION BUNDY RADIATOR BASE.

Please compare this with the openings, if any at all are found, in any other Radiator made with a base. Without an opening as large as the cut shows the inside surface of the Radiator will lack in efficiency, taking the Bundy as a standard, in the proportion in which it falls short, while Radiators without any air openings at all in the base are practically valueless as far as the inside surface is concerned.

This represents a very important advantage found only in the Bundy Radiator.

## Ruddy Renaissance Steam Direct Radiator, with Corner Pillars. List Prices.

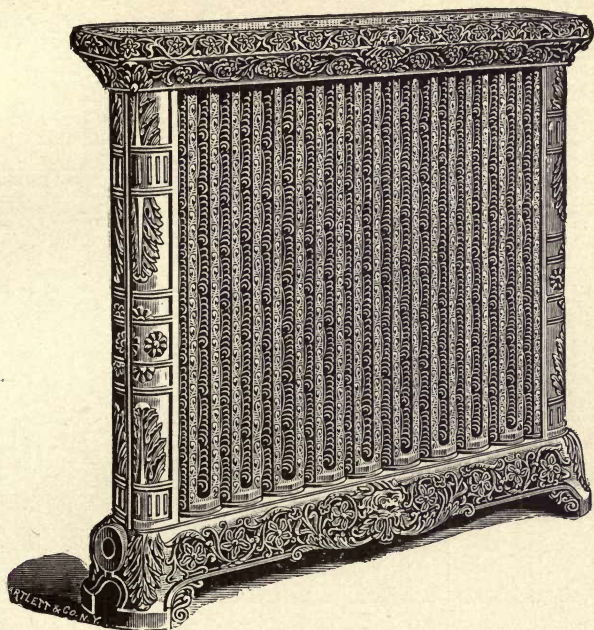
FORTY-THREE INCHES HIGH, STEAM. FIGS. 64, 65 AND 66.

List of Radiators built on the following size Bases. Width of Base, One Row 7½ inches, Two Row, 11¼ inches, Three Row, 15½ inches.			STANDARD.		ENLARGED.	
			Each Loop represents 3½ Feet of Heating Surface. LIST PRICE.		Each Loop represents 4½ Feet of Heating Surface. LIST PRICE.	
Shape of Radiator.	Number of Loops.	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
1 X 5	5	21½"	17½	\$ 36 50	21½	\$ 39 00
1 X 7	7	28½"	24½	43 50	29½	47 00
1 X 9	9	34½"	31½	50 75	38½	55 00
1 X 11	11	41"	38½	57 75	46¾	63 00
1 X 13	13	47¾"	45½	65 00	55¼	71 00
1 X 15	15	54"	52½	72 00	63¾	78 00
2 X 5	10	21½"	35	58 00	42½	62 75
2 X 7	14	27¾"	49	72 00	50½	78 75
2 X 9	18	34¼"	63	86 25	76½	94 75
2 X 11	22	41"	77	100 25	93½	110 50
2 X 13	26	47¾"	91	114 25	110½	126 50
2 X 15	30	53¾"	105	128 25	127½	142 50
3 X 5	15	21½"	52½	79 00	63¾	86 00
3 X 7	21	28½"	73½	100 50	80¼	110 50
3 X 9	27	34½"	94½	120 75	114¾	134 50
3 X 11	33	42"	115½	143 25	140¼	159 00
3 X 13	39	48½"	136½	164 50	168¾	183 00
3 X 15	45	54¾"	157½	186 00	197¼	207 50

THIRTY-SEVEN INCHES HIGH, STEAM. FIGS. 64, 65 AND 66.

List of Radiators built on the following size Bases. Width of Base, One Row 7½ inches, Two Row, 11¼ inches, Three Row, 15½ inches.			STANDARD.		ENLARGED.	
			Each Loop represents 3 Feet of Heating Surface. LIST PRICE.		Each Loop represents 3½ Feet of Heating Surface. LIST PRICE.	
Shape of Radiator.	Number of Loops.	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
1 X 5	5	21½"	15	\$ 34 50	17½	\$ 36 00
1 X 7	7	28½"	21	40 75	24½	43 00
1 X 9	9	34½"	27	47 25	31½	49 75
1 X 11	11	41"	33	53 50	38½	56 75
1 X 13	13	47¾"	39	60 00	45½	63 50
1 X 15	15	54"	45	66 25	52½	70 50
2 X 5	10	21½"	30	54 25	35	57 00
2 X 7	14	27¾"	42	66 75	49	70 75
2 X 9	18	34¼"	54	79 50	63	84 50
2 X 11	22	41"	66	92 00	77	98 00
2 X 13	26	47¾"	78	104 50	91	111 75
2 X 15	30	53¾"	90	117 00	105	125 50
3 X 5	15	21½"	45	73 25	52½	77 50
3 X 7	21	28½"	63	92 50	73½	98 50
3 X 9	27	34½"	81	111 50	94½	119 25
3 X 11	33	42"	99	130 75	115½	140 25
3 X 13	39	48½"	117	149 75	136½	161 00
3 X 15	45	54¾"	135	169 00	157½	182 00

All Regular Steam Goods Tapped 1"x¾" Right Hand, same or opposite ends, or one end only for One Pipe Work. Center of Tapping about 4½" from floor on account of high legs.



BUNDY RENAISSANCE RADIATOR—ONE ROW.

STEAM, FIG. 64. HOT WATER, FIG. 70.

## TRADE RENAISSANCE MARK.

Made in 6 different lengths (from  $21\frac{1}{2}$ " to 54"); 8 different heights (Steam, 43", 37", 31" and 25"; Hot Water, 46", 40", 34" and 28"); two distinct styles of loops (Standard and Enlarged), and all with a uniform width of base of  $7\frac{1}{2}$ ".

MADE FOR BOTH STEAM AND HOT WATER.

Bundy Radiators with Renaissance Loops have same amount of surface as with plain loops. The center of tapping is about  $4\frac{1}{2}$ " from floor on account of high legs.

## LIST OF DIFFERENT SIZES, GIVING LENGTHS IN INCHES.

Sizes,	1X5	7	9	11	13	15
Lengths,	$21\frac{1}{2}$	$28\frac{1}{8}$	$34\frac{1}{2}$	41	$47\frac{3}{8}$	54

## Bundy Renaissance Steam Direct Radiator, with Corner Pillars. List Prices.

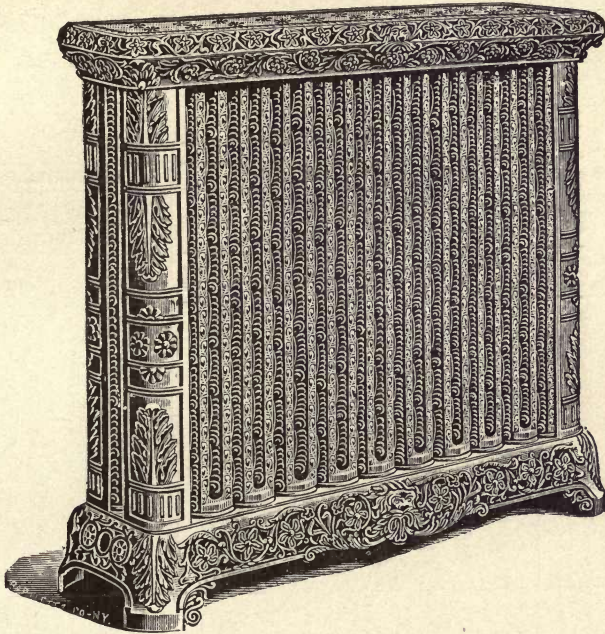
THIRTY-ONE INCHES HIGH, STEAM. Figs. 64, 65 AND 66.

List of Radiators Built on the following size Bases. Width of Base, One Row, 7½ inches, Two Row, 11¼ inches. Three Row, 15¼ inches.			STANDARD.		ENLARGED.	
Shape of Radiator.	Number of Loops.	Length of Radiator	Each Loop represents 2½ Feet of Heating Surface. LIST PRICE.		Each Loop represents 3 Feet of Heating Surface. LIST PRICE.	
			Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
1 X 5	5	21½"	12½	\$ 34 00	15	\$ 35 75
1 X 7	7	28½"	17½	40 00	21	42 50
1 X 9	9	34½"	22½	46 00	27	49 25
1 X 11	11	41"	27½	52 25	33	56 00
1 X 13	13	47¾"	32½	58 25	39	62 75
1 X 15	15	54"	37½	64 25	45	69 50
2 X 5	10	21½"	25	53 00	30	56 50
2 X 7	14	27½"	35	65 00	42	70 00
2 X 9	18	34¼"	45	77 00	54	83 50
2 X 11	22	41"	55	89 25	66	90 75
2 X 13	26	47¾"	65	101 25	78	110 25
2 X 15	30	53¾"	75	113 25	90	123 75
3 X 5	15	21½"	37½	71 50	45	76 75
3 X 7	21	28½"	52½	89 75	63	97 25
3 X 9	27	34½"	67½	108 25	81	117 75
3 X 11	33	42"	82½	126 50	99	138 00
3 X 13	39	48¾"	97½	145 00	117	158 50
3 X 15	45	54¾"	112½	163 25	135	179 00

TWENTY-FIVE INCHES HIGH, STEAM. FIGS. 64, 65 AND 66.

List of Radiators Built on the following size Bases. Width of Base, One Row, 7½ inches, Two Row, 11¼ inches, Three Row, 15¼ inches.			STANDARD.		ENLARGED.	
Shape of Radiator.	Number of Loops.	Length of Radiator	Each Loop represents 2 Feet of Heating Surface. LIST PRICE.		Each Loop represents 2½ Feet of Heating Surface. LIST PRICE.	
			Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
1 X 5	5	21½"	10	\$ 33 25	11½	\$ 34 75
1 X 7	7	28½"	14	39 00	16½	41 00
1 X 9	9	34½"	18	45 00	21	47 50
1 X 11	11	41"	22	50 75	25¾	53 75
1 X 13	13	47¾"	26	56 50	30¾	60 25
1 X 15	15	54"	30	62 25	35	66 50
2 X 5	10	21½"	20	51 75	23½	54 50
2 X 7	14	27½"	28	63 25	32½	67 25
2 X 9	18	34¼"	36	74 75	42	79 75
2 X 11	22	41"	44	86 50	51½	92 50
2 X 13	26	47¾"	52	98 00	60¾	105 00
2 X 15	30	53¾"	60	109 50	70	117 75
3 X 5	15	21½"	30	69 50	35	73 75
3 X 7	21	28½"	42	87 25	49	93 00
3 X 9	27	34½"	54	104 75	63	112 25
3 X 11	33	42"	66	122 50	77	131 50
3 X 13	39	48¾"	78	140 00	91	150 75
3 X 15	45	54¾"	90	157 75	105	170 00

All Regular Steam Goods Tapped 1" x ¾" "Right Hand," same or opposite ends or one end only for One Pipe Work. Center of Tapping about 4½" from floor on account of high legs.



BUNDY RENAISSANCE RADIATOR—WITH CORNER  
PILLARS.

STEAM, FIG. 65, HOT WATER, FIG. 71.

Made in 6 different lengths (from  $21\frac{1}{2}$ " to  $53\frac{7}{8}$ "); 8 different heights (Steam, 43", 37", 31" and 25"; Hot Water, 46", 40", 34" and 28"); two distinct styles of loops (Standard and Enlarged), and all with a uniform width of base of  $11\frac{3}{4}$ ".

MADE FOR BOTH STEAM AND HOT WATER.

Bundy Radiators with Renaissance Loops have same amount of surface as plain loops. The center of tapping is about  $4\frac{1}{2}$ " from floor on account of high legs.

LIST OF DIFFERENT SIZES, GIVING LENGTHS IN INCHES.

Sizes,	2 x 5	7	9	11	13	15
Lengths,	$21\frac{1}{2}$	$27\frac{7}{8}$	$34\frac{1}{4}$	41	$47\frac{3}{8}$	$53\frac{7}{8}$

## Bundy Renaissance Hot Water Direct Radiator, with Corner Pillars. List Prices.

FORTY-SIX INCHES HIGH, HOT WATER. FIGS. 70, 71 AND 71½.

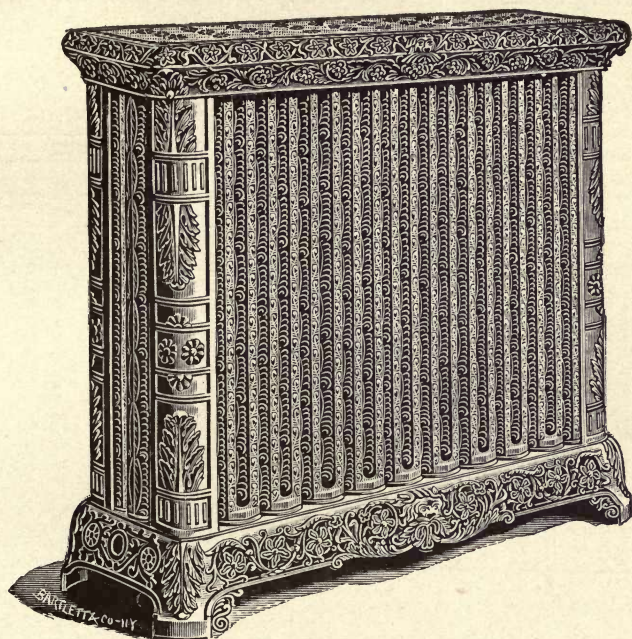
List of Radiators built on the following size Bases. Width of Base, One Row, 7½ inches, Two Row, 11¾ inches, Three Row, 15½ inches.			STANDARD.		ENLARGED.	
			Each Loop represents 4 Feet of Heating Surface. LIST PRICE.		Each Loop represents 4¾ Feet of Heating Surface. LIST PRICE.	
Shape of Radiator.	Number of Loops.	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
1 X 5	5	21½"	20	\$ 41 75	23¾	\$ 44 50
1 X 7	7	28½"	28	51 00	33¼	54 75
1 X 9	9	34½"	36	60 00	42¾	65 00
1 X 11	11	41"	44	69 25	52¼	75 25
1 X 13	13	47¾"	52	78 25	61¾	85 50
1 X 15	15	54"	60	87 50	71¼	95 75
2 X 5	10	21½"	40	68 50	47½	74 00
2 X 7	14	27¾"	56	86 75	66½	94 00
2 X 9	18	34¼"	72	105 00	85½	114 75
2 X 11	22	41"	88	123 25	104½	135 25
2 X 13	26	47¾"	104	141 50	123½	155 50
2 X 15	30	53¾"	120	159 75	142½	176 00
3 X 5	15	21½"	60	117 00	71¼	126 00
3 X 7	21	28¾"	84	139 75	99¾	152 25
3 X 9	27	34½"	108	162 50	128¾	178 75
3 X 11	33	42"	132	185 50	156¾	205 00
3 X 13	39	48½"	156	208 25	185¼	231 50
3 X 15	45	54¾"	180	231 00	213¾	258 00

FORTY INCHES HIGH, HOT WATER. FIGS. 70, 71 AND 71½.

List of Radiators built on the following Size Bases. Width of Base, One Row, 7½ inches, Two Row, 11¾ inches, Three Row 15½ inches.			STANDARD.		ENLARGED.	
			Each Loop represents 3½ Feet of Heating Surface. LIST PRICE.		Each Loop represents 4 Feet of Heating Surface. LIST PRICE.	
Shape of Radiator.	Number of Loops.	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
1 X 5	5	21½"	17½	\$ 39 75	20	\$ 41 50
1 X 7	7	28½"	24½	48 25	28	50 75
1 X 9	9	34½"	31½	56 50	36	59 75
1 X 11	11	41"	38½	65 00	44	69 00
1 X 13	13	47¾"	45½	73 25	52	78 00
1 X 15	15	54"	52½	81 75	60	87 25
2 X 5	10	21½"	35	64 75	40	68 25
2 X 7	14	27¾"	49	81 50	56	86 50
2 X 9	18	34¼"	63	98 25	72	104 50
2 X 11	22	41"	77	115 00	88	122 75
2 X 13	26	47¾"	91	131 75	104	140 75
2 X 15	30	53¾"	105	148 50	120	150 00
3 X 5	15	21½"	52½	112 50	60	118 50
3 X 7	21	28¾"	73½	133 50	84	142 00
3 X 9	27	34½"	94½	154 50	108	165 25
3 X 11	33	42"	115½	175 50	132	188 75
3 X 13	39	48½"	136½	196 50	156	212 00
3 X 15	45	54¾"	157½	217 50	180	235 50

All Regular Hot Water Goods Tapped 1¼" x 1¼" "Right Hand," same or opposite ends or in Upper Circulating Chamber. Center of Tapping about 4½" from floor on account of high legs.





## BUNDY RENAISSANCE RADIATOR—THREE ROW.

STEAM, FIG. 66. HOT WATER, FIG. 71½.

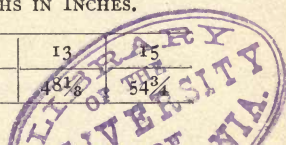
Made in six different lengths ( $21\frac{1}{2}$ " to  $54\frac{3}{4}$ "); 8 different heights (Steam, 43", 37", 31" and 25"; Hot Water, 46", 40", 34" and 28"); two distinct styles of loops (Standard and Enlarged), and all with a uniform width of base of  $15\frac{1}{2}$ ".

MADE FOR BOTH STEAM AND HOT WATER.

Bundy Radiators with Renaissance Loops have same amount of heating surface as plain loops. The center of tapping is about  $4\frac{1}{2}$ " from floor on account of high legs.

## LIST OF DIFFERENT SIZES, GIVING LENGTHS IN INCHES.

Sizes,	3x5	7	9	11	13	15
Lengths,	$21\frac{1}{2}$	$28\frac{5}{8}$	$34\frac{1}{2}$	42	$48\frac{1}{8}$	$54\frac{3}{4}$



## Bundy Renaissance Hot Water Direct Radiator, with Corner Pillars. List Prices.

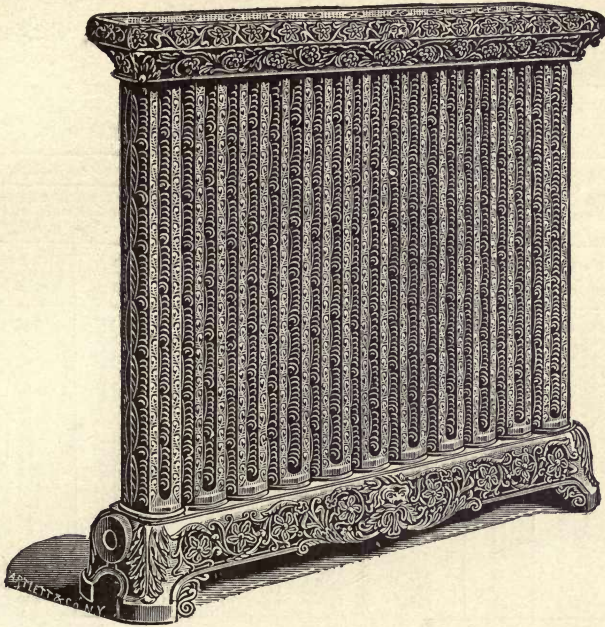
THIRTY-FOUR INCHES HIGH, HOT WATER. FIGS. 70, 71 AND 71½.

List of Radiators Built on the following Size Bases. Width of Base, One Row, 7½ inches, Two Row, 11¼ inches, Three Row, 15½ inches.			STANDARD.		ENLARGED.	
			Each Loop represents 3 Feet of Heating Surface.		Each Loop represents 3½ Feet of Heating Surface.	
			LIST PRICE.		LIST PRICE.	
Shape of Radiator.	Number of Loops.	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
1 X 5	5	21½"	15	\$ 38 25	17½"	\$ 40 25
1 X 7	7	28½"	21	46 00	24½"	49 00
1 X 9	9	34½"	27	54 00	31½"	57 50
1 X 11	11	41"	33	61 75	38½"	66 25
1 X 13	13	47¾"	39	69 75	45½"	74 75
1 X 15	15	54"	45	77 50	52½"	83 50
2 X 5	10	21½"	30	61 75	35	65 75
2 X 7	14	27¾"	42	77 25	49	83 00
2 X 9	18	34¼"	54	92 75	63	100 25
2 X 11	22	41"	66	108 50	77	117 25
2 X 13	26	47¾"	78	124 00	91	134 50
2 X 15	30	53¾"	90	139 50	105	151 75
3 X 5	15	21½"	45	109 50	52½"	115 00
3 X 7	21	28¾"	63	129 25	73½"	137 25
3 X 9	27	34½"	81	149 00	94½"	159 25
3 X 11	33	42"	99	169 00	115½"	181 25
3 X 13	39	48¾"	117	188 75	136½"	203 25
3 X 15	45	54¾"	135	208 50	157½"	225 50

TWENTY-EIGHT INCHES HIGH, HOT WATER. FIGS. 70, 71 AND 71½.

List of Radiators built on the following Size Bases. Width of Base, One Row, 7½ inches, Two Row, 11¼ inches, Three Row, 15½ inches.			STANDARD.		ENLARGED.	
			Each Loop represents 2½ Feet of Heating Surface.		Each Loop represents 2-6 Feet of Heating Surface.	
			LIST PRICE.		LIST PRICE.	
Shape of Radiator.	Number of Loops.	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
1 X 5	5	21½"	12½"	\$ 37 75	14½"	\$ 39 25
1 X 7	7	28½"	17½"	45 25	19½"	47 50
1 X 9	9	34½"	22½"	52 75	25½"	55 75
1 X 11	11	41"	27½"	60 50	31½"	63 75
1 X 13	13	47¾"	32½"	68 00	36½"	72 00
1 X 15	15	54"	37½"	75 50	42½"	80 25
2 X 5	10	21½"	25	60 50	28½"	63 50
2 X 7	14	27¾"	35	75 50	39½"	79 75
2 X 9	18	34¼"	45	90 50	51	96 00
2 X 11	22	41"	55	105 75	62½"	112 50
2 X 13	26	47¾"	65	120 75	73½"	128 75
2 X 15	30	53¾"	75	135 75	85	145 00
3 X 5	15	21½"	37½"	106 75	42½"	111 00
3 X 7	21	28¾"	52½"	125 50	59½"	135 50
3 X 9	27	34½"	67½"	144 25	76½"	151 75
3 X 11	33	42"	82½"	163 00	93½"	172 25
3 X 13	39	48¾"	97½"	181 75	110½"	192 50
3 X 15	45	54¾"	112½"	200 50	127½"	213 00

All Regular Hot Water Goods Tapped 1¼" X 1¼" "Right Hand," same or opposite ends or in Upper Circulating Chamber. Center of Tapping 4½" from floor on account of high legs.



BUNDY RENAISSANCE RADIATOR—ONE ROW.

WITHOUT CORNER PILLARS.

STEAM, FIG. 67. HOT WATER, FIG. 72.

TRADE RENAISSANCE MARK.

Made in 6 different lengths ( $21\frac{1}{2}''$  to  $54''$ ); 8 different heights (Steam,  $43''$ ,  $37''$ ,  $31''$  and  $25''$ ; Hot Water,  $46''$ ,  $40''$ ,  $34''$  and  $28''$ ); two distinct styles of loops (Standard and Enlarged), and all with a uniform width of base of  $7\frac{1}{2}''$ .

MADE FOR BOTH STEAM AND HOT WATER.

Bundy Radiators with Renaissance Loops have same amount of heating surface as plain loops. The center of tapping is about  $4\frac{1}{2}''$  from floor on account of high legs.

LIST OF DIFFERENT SIZES, GIVING LENGTHS IN INCHES.

Sizes,	IX5	7	9	11	13	15
Lengths,	$21\frac{1}{2}$	$28\frac{1}{8}$	$34\frac{1}{2}$	41	$47\frac{3}{8}$	54

## Bundy Renaissance Steam Direct Radiator, without Corner Pillars. List Prices.

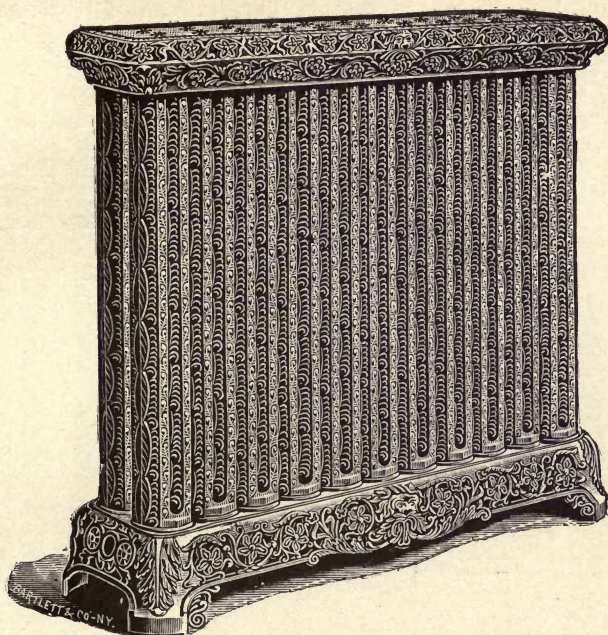
FORTY-THREE INCHES HIGH, STEAM. FIGS. 67, 68 AND 69.

List of Radiators built on the following Size Bases. Width of Base, One Row, 7½ inches, Two Row, 11½ inches, Three Row, 15½ inches.			STANDARD.		ENLARGED.	
			Each Loop represents 3½ feet of Heating Surface. LIST PRICE.		Each Loop represents 4½ feet of Heating Surface. LIST PRICE.	
Shape of Radiator.	Number of Loops.	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
1 × 5	5	21½"	17½	\$29 00	21½	\$31 50
1 × 7	7	28½	24½	36 00	29½	39 50
1 × 9	9	34½	31½	43 25	38½	47 50
1 × 11	11	41"	38½	50 25	46½	55 50
1 × 13	13	47¾	45½	57 50	55½	63 50
1 × 15	15	54"	52½	64 50	63½	70 50
2 × 5	10	21½	35	50 50	42½	55 25
2 × 7	14	27¾	49	64 50	59½	71 25
2 × 9	18	34¼	63	78 75	76½	87 25
2 × 11	22	41"	77	92 75	93½	103 00
2 × 13	26	47¾	91	106 75	110½	119 00
2 × 15	30	53¾	105	120 75	127½	135 00
3 × 5	15	21½	52½	71 50	63½	78 50
3 × 7	21	28½	73½	93 00	89½	103 00
3 × 9	27	34½	94½	113 25	114½	127 00
3 × 11	33	42"	115½	135 75	140½	151 50
3 × 13	39	48½	136½	157 00	165½	175 50
3 × 15	45	54¾	157½	178 50	191½	200 00

THIRTY-SEVEN INCHES HIGH, STEAM. FIGS. 67, 68 AND 69.

List of Radiators built on the following Size Bases. Width of Base, One Row, 7½ inches, Two Row, 11½ inches, Three Row, 15½ inches.			STANDARD.		ENLARGED.	
			Each Loop represents 3 feet of Heating Surface. LIST PRICE.		Each Loop represents 3½ feet of Heating Surface. LIST PRICE.	
Shape of Radiator.	Number of Loops.	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
1 × 5	5	21½"	15	\$27 00	17½	\$28 50
1 × 7	7	28½	21	33 25	24½	35 50
1 × 9	9	34½	27	39 75	31½	42 25
1 × 11	11	41"	33	46 00	38½	49 25
1 × 13	13	47¾	39	52 50	45½	56 00
1 × 15	15	54"	45	58 75	52½	63 00
2 × 5	10	21½	30	46 75	35	49 50
2 × 7	14	27¾	42	59 25	49	63 25
2 × 9	18	34¼	54	72 00	63	77 00
2 × 11	22	41"	66	84 50	77	90 50
2 × 13	26	47¾	78	97 00	91	104 25
2 × 15	30	53¾	90	109 50	105	118 00
3 × 5	15	21½	45	65 75	52½	70 00
3 × 7	21	28½	63	85 00	73½	91 00
3 × 9	27	34½	81	104 00	94½	111 75
3 × 11	33	42"	99	123 25	115½	132 75
3 × 13	39	48½	117	142 25	136½	153 50
3 × 15	45	54¾	135	161 50	157½	174 50

All regular Steam Goods tapped 1" × ¾" "Right Hand," same or opposite ends, or one end only for One Pipe Work. Center of Tapping about 4½" from floor on account of high legs.



BUNDY RENAISSANCE RADIATOR—Two Row.  
WITHOUT CORNER PILLARS.

STEAM, FIG. 68. HOT WATER, FIG. 73.

Made in 6 different lengths (from  $21\frac{1}{2}$ " to  $53\frac{7}{8}$ "); 8 different heights (Steam, 43", 37", 31" and 25"; Hot Water, 46", 40", 34" and 28"); two distinct styles of loops (Standard and Enlarged), and all with a uniform width of base of  $11\frac{3}{4}$ ".

MADE FOR BOTH STEAM AND HOT WATER.

Bundy Radiators with Renaissance Loops have same amount of surface as plain loops. The center of tapping is about  $4\frac{1}{2}$ " from floor on account of high legs.

LIST OF DIFFERENT SIZES, GIVING LENGTHS IN INCHES.

Sizes,	2x5	7	9	11	13	15
Lengths,	$21\frac{1}{2}$	$27\frac{7}{8}$	$34\frac{1}{4}$	41	$47\frac{3}{8}$	$53\frac{7}{8}$

## Bundy Renaissance Steam Direct Radiator, without Corner Pillars. List Prices.

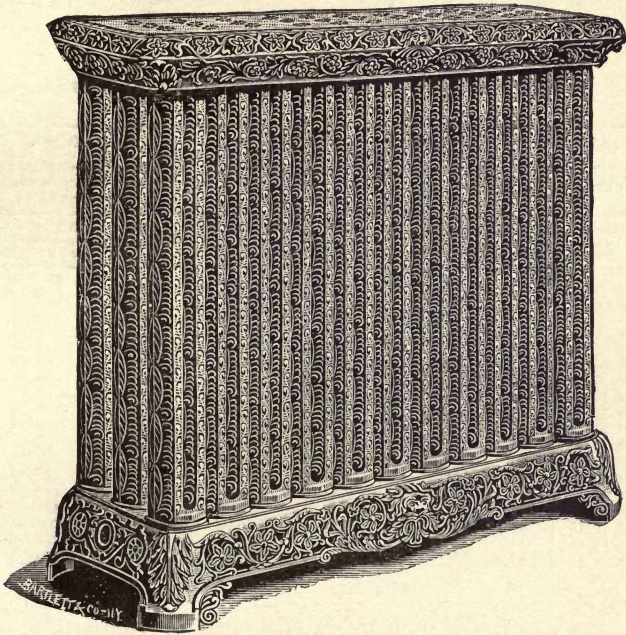
THIRTY-ONE INCHES HIGH, STEAM. FIGS. 67, 68 and 69.

List of Radiators Built on the following Size Bases. Width of Base, One Row, 7½ inches, Two Row, 11¼ inches, Three Row, 15½ inches.			STANDARD.		ENLARGED.	
			Each Loop represents 2½ Feet of Heating Surface. LIST PRICE.		Each Loop represents 3 Feet of Heating Surface. LIST PRICE.	
Shape of Radiator.	Number of Loops.	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
1 × 5	5	21½"	12½	\$26 50	15	\$28 25
1 × 7	7	28½"	17½	32 50	21	35 00
1 × 9	9	34½"	22½	38 50	27	41 75
1 × 11	11	41"	27½	44 75	33	48 50
1 × 13	13	47¾"	32½	50 75	39	55 25
1 × 15	15	54"	37½	56 75	45	62 00
2 × 5	10	21½"	25	45 50	30	49 00
2 × 7	14	27½"	35	57 50	42	62 50
2 × 9	18	34¼"	45	69 50	54	76 00
2 × 11	22	41"	55	81 75	66	89 25
2 × 13	26	47¾"	65	93 75	78	102 75
2 × 15	30	53¾"	75	105 75	90	116 25
3 × 5	15	21½"	37½	64 00	45	69 25
3 × 7	21	28¾"	52½	82 25	63	89 75
3 × 9	27	34½"	67½	100 75	81	110 25
3 × 11	33	42"	82½	119 00	99	130 50
3 × 13	39	48½"	97½	137 50	117	151 00
3 × 15	45	54¾"	112½	155 75	135	171 50

TWENTY-FIVE INCHES HIGH, STEAM. FIGS. 67, 68 and 69.

List of Radiators built on the following size Bases. Width of Base, One Row, 7½ inches, Two Row, 11¼ inches, Three Row, 15½ inches.			STANDARD.		ENLARGED.	
			Each Loop represents 2 Feet of Heating Surface. LIST PRICE.		Each Loop represents 2½ Feet of Heating Surface. LIST PRICE.	
Shape of Radiator.	Number of Loops.	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
1 × 5	5	21½"	10	\$25 75	11½	\$27 25
1 × 7	7	28½"	14	31 50	16½	33 50
1 × 9	9	34½"	18	37 50	21	40 00
1 × 11	11	41"	22	43 25	25½	46 25
1 × 13	13	47¾"	26	49 00	30½	52 75
1 × 15	15	54"	30	54 75	35	59 00
2 × 5	10	21½"	20	44 25	23½	47 00
2 × 7	14	27½"	28	55 75	32½	59 75
2 × 9	18	34¼"	36	67 25	42	72 25
2 × 11	22	41"	44	79 00	51½	85 00
2 × 13	26	47¾"	52	90 50	60½	97 50
2 × 15	30	53¾"	60	102 00	70	110 25
3 × 5	15	21½"	30	62 00	35	66 25
3 × 7	21	28¾"	42	79 75	49	85 50
3 × 9	27	34½"	54	97 25	63	104 75
3 × 11	33	42"	66	115 00	77	124 00
3 × 13	39	48½"	78	132 50	91	143 25
3 × 15	45	54¾"	90	150 25	105	162 50

All Regular Steam Goods Tapped 1" × ¾" "Right Hand," same or opposite ends or one end only for One Pipe Work. Center of Tapping about 4½" from floor on account of high legs.



BUNDY RENAISSANCE RADIATOR—THREE ROW—  
WITHOUT CORNER PILLARS.

STEAM, FIG. 69. HOT WATER, FIG. 73½.

Made in 6 different lengths (from 21½" to 54¾"); 8 different heights (Steam, 43", 37", 31" and 25"; Hot Water, 46", 40", 34" and 28"); two distinct styles of loops (Standard and Enlarged), and all with a uniform width of base of 15½".

MADE FOR BOTH STEAM AND HOT WATER.

Bundy Radiators with Renaissance Loops have same amount of surface as plain loops. The center of tapping is about 4½" from floor on account of high legs.

LIST OF DIFFERENT SIZES, GIVING LENGTHS IN INCHES.

Sizes,	3 x 5	7	9	11	13	15
Lengths,	21½	28⅝	34½	42	48⅞	54¾

## Bundy Renaissance Hot Water Direct Radiator, with- out Corner Pillars. List Prices.

FORTY-SIX INCHES HIGH, HOT WATER. FIGS. 72, 73 AND 73½.

List of Radiators built on the following size Bases. Width of Base, One Row, 7½ inches, Two Row, 11¾ inches, Three Row, 15¼ inches.			STANDARD.		ENLARGED.	
			Each Loop represents 4 Feet of Heating Surface.		Each Loop represents 4½ Feet of Heating Surface.	
			LIST PRICE.		LIST PRICE.	
Shape of Radiator.	Number of Loops.	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
1 X 5	5	21½"	20	\$34 25	23¾	\$37 00
1 X 7	7	28½"	28	43 50	33¾	47 25
1 X 9	9	34½"	36	52 50	42¾	57 50
1 X 11	11	41"	44	61 75	52¼	67 75
1 X 13	13	47¾"	52	70 75	61¾	78 00
1 X 15	15	54"	60	80 00	71¼	88 25
2 X 5	10	21½"	40	61 00	47½	66 50
2 X 7	14	27¾"	56	79 25	66½	86 50
2 X 9	18	34¼"	72	97 50	85½	107 25
2 X 11	22	41"	88	115 75	104½	127 75
2 X 13	26	47¾"	104	134 00	123½	148 00
2 X 15	30	53¾"	120	152 25	142½	168 50
3 X 5	15	21½"	60	109 50	71¼	118 50
3 X 7	21	28½"	84	132 25	99¾	144 75
3 X 9	27	34½"	108	155 00	128¼	171 25
3 X 11	33	42"	132	178 00	156¾	197 50
3 X 13	39	48½"	156	200 75	185¼	224 00
3 X 15	45	54¼"	180	223 50	213¾	250 50

FORTY INCHES HIGH, HOT WATER. FIGS. 72, 73 AND 73½.

List of Radiators built on the following size Bases. Width of Base, One Row, 7½ inches, Two Row, 11¾ inches, Three Row, 15¼ inches.			STANDARD.		ENLARGED.	
			Each Loop Represents 3½ Feet of Heating Surface.		Each Loop represents 4 Feet of Heating Surface.	
			LIST PRICE.		LIST PRICE.	
Shape of Radiator.	Number of Loops.	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
1 X 5	5	21½"	17½	\$32 25	20	\$34 00
1 X 7	7	28½"	24½	40 75	28	43 25
1 X 9	9	34½"	31½	49 00	36	52 25
1 X 11	11	41"	38½	57 50	44	61 50
1 X 13	13	47¾"	45½	65 75	52	70 50
1 X 15	15	54"	52½	74 25	60	79 75
2 X 5	10	21½"	35	57 25	40	60 75
2 X 7	14	27¾"	49	74 00	56	79 00
2 X 9	18	34¼"	63	90 75	72	97 00
2 X 11	22	41"	77	107 50	88	115 25
2 X 13	26	47¾"	91	124 25	104	133 25
2 X 15	30	53¾"	105	141 00	120	142 50
3 X 5	15	21½"	52½	105 00	60	111 00
3 X 7	21	28½"	73½	126 00	84	134 50
3 X 9	27	34½"	94½	147 00	108	157 75
3 X 11	33	42"	115½	168 00	132	181 25
3 X 13	39	48½"	136½	189 00	156	204 50
3 X 15	45	54¼"	157½	210 00	180	228 00

All Regular Hot Water Goods Tapped ¼" X ¼" "Right Hand," same or opposite ends or in upper circulating chamber. Center of Tapping about ½" from floor on account of high legs.



## Bundy Renaissance Hot Water Direct Radiator, without Corner Pillars. List Prices.

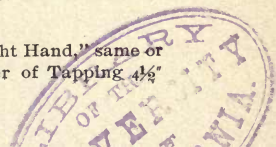
THIRTY-FOUR INCHES HIGH, HOT WATER. FIGS. 72, 73 and 73½.

List of Radiators built on the following size Bases. Width of Base, One Row, 7¼ inches, Two Row, 11¾ inches, Three Row, 15½ inches.			STANDARD.		ENLARGED.	
			Each Loop represents 3 Feet of Heating Surface.		Each Loop represents 3½ Feet of Heating Surface.	
			LIST PRICE.			
Shape of Radiator.	Number of Loops.	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
1 X 5	5	21½"	15	\$30 75	17½	\$32 75
1 X 7	7	28½"	21	38 50	24½	41 50
1 X 9	9	34½"	27	46 50	31½	50 00
1 X 11	11	41"	33	54 25	38½	58 75
1 X 13	13	47¾"	39	62 25	45½	67 25
1 X 15	15	54"	45	70 00	52½	76 00
2 X 5	10	21½"	30	54 25	35	58 25
2 X 7	14	27¾"	42	69 75	49	75 50
2 X 9	18	34¼"	54	85 25	63	92 75
2 X 11	22	41"	66	101 00	77	109 75
2 X 13	26	47¾"	78	116 50	91	127 00
2 X 15	30	53¾"	90	132 00	105	144 25
3 X 5	15	21½"	45	102 00	52½	107 50
3 X 7	21	28¾"	63	121 75	73½	129 75
3 X 9	27	34½"	81	141 50	94½	151 75
3 X 11	33	42"	99	161 50	115½	173 75
3 X 13	39	48½"	117	181 25	136½	195 75
3 X 15	45	54¾"	135	201 00	157½	218 00

TWENTY-EIGHT INCHES HIGH, HOT WATER. FIGS. 72, 73 and 73½.

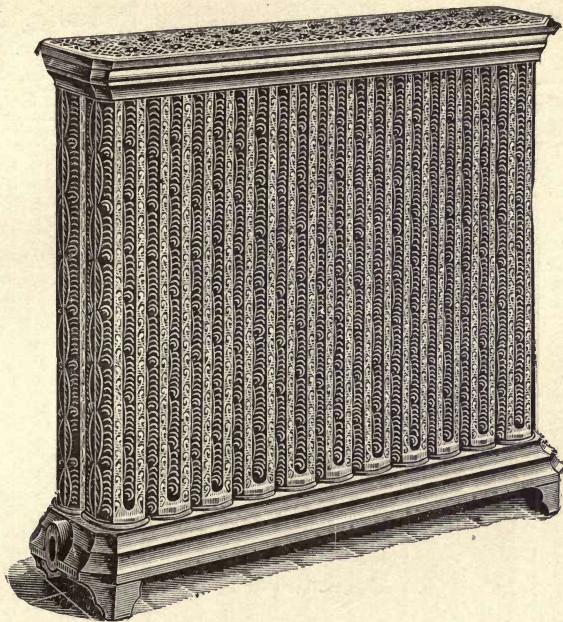
List of Radiators built on the following size Bases. Width of Base, One Row, 7¼ inches, Two Row, 11¾ inches, Three Row, 15½ inches.			STANDARD.		ENLARGED.	
			Each Loop represents 2½ Feet of Heating Surface.		Each Loop represents 2 5-6 Feet of Heating Surface.	
			LIST PRICE.			
Shape of Radiator.	Number of Loops.	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
1 X 5	5	21½"	12½	\$30 25	14½	\$31 75
1 X 7	7	28½"	17½	37 75	19½	40 00
1 X 9	9	34½"	22½	45 25	25½	48 25
1 X 11	11	41"	27½	53 00	31½	56 25
1 X 13	13	47¾"	32½	60 50	36½	64 50
1 X 15	15	54"	37½	68 00	42½	72 75
2 X 5	10	21½"	25	53 00	28½	56 00
2 X 7	14	27¾"	35	68 00	39½	72 25
2 X 9	18	34¼"	45	83 00	51	88 50
2 X 11	22	41"	55	98 25	62½	105 00
2 X 13	26	47¾"	65	113 25	73½	121 25
2 X 15	30	53¾"	75	128 25	85	137 50
3 X 5	15	21½"	37½	99 25	42½	103 50
3 X 7	21	28¾"	52½	118 00	59½	128 00
3 X 9	27	34½"	67½	136 75	76½	144 25
3 X 11	33	42"	82½	155 50	93½	164 75
3 X 13	39	48½"	97½	174 25	110½	185 00
3 X 15	45	54¾"	112½	193 00	127½	205 50

All Regular Hot Water Goods Tapped ¼" X ¼" "Right Hand," same or opposite ends or in Upper Circulating Chamber. Center of Tapping 4½" from floor on account of high legs.



## Rundy Standard Semi-Renaissance Radiator Sizes and Prices.

WIDTH OF BASES. One Row, 5½ inches. Two " 9½ " Three " 13½ " Four " 17½ "		STEAM. Forty-Two inches High.				HOT WATER. Forty-Five inches High.			
		Standard Loop.		Enlarged Loop.		Standard Loop.		Enlarged Loop.	
Size of Radiator.	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
1X 3	12"	10½	\$8 85	12¾	\$10 11	12	\$11 70	14¼	\$13 26
1X 4	15¼"	14	11 80	17	13 48	16	15 60	19	17 68
1X 5	18½"	17½	14 75	21¼	16 85	20	19 50	23¾	22 10
1X 6	21¾"	21	17 70	25½	20 21	24	23 40	28½	26 52
1X 7	25¼"	24½	20 65	29¾	23 58	28	27 30	33¼	30 93
1X 8	28½"	28	23 60	34	26 95	32	31 20	38	35 35
1X 9	31½"	31½	26 55	38¼	30 32	36	35 10	42¾	39 78
1X 10	34½"	35	29 50	42½	33 69	40	39 00	47½	44 19
1X 11	38"	38½	32 45	46¾	37 06	44	42 90	52¼	48 62
1X 12	41¼"	42	35 40	51	40 43	48	46 80	57	53 03
1X 13	44¾"	45½	38 35	55¼	43 80	52	50 70	61¾	57 45
1X 14	47¾"	49	41 30	59½	47 16	56	54 60	66½	61 87
1X 15	51"	52½	44 25	63¾	50 53	60	58 50	71¼	66 29
1X 16	54"	56	47 20	68	53 90	64	62 40	76	70 70
1X 18	60¾"	63	53 10	76½	60 64	72	70 20	85½	79 54
1X 20	66¾"	70	59 00	85	67 38	80	78 00	95	88 38
1X 22	73¼"	77	64 90	93½	74 12	88	85 80	104½	97 24
1X 24	79¾"	84	70 80	102	80 85	96	93 60	114	106 06
1X 26	86½"	91	76 70	110½	87 59	104	101 40	123½	114 90
2X 3	12"	21	17 70	25½	20 21	24	23 40	28½	26 52
2X 4	15¼"	28	23 60	34	26 95	32	31 20	38	35 36
2X 5	18½"	35	29 50	42½	33 69	40	39 00	47½	44 20
2X 6	21¾"	42	35 40	51	40 43	48	46 80	57	53 04
2X 7	24¾"	49	41 30	59½	47 16	56	54 60	66½	61 86
2X 8	28½"	56	47 20	68	53 90	64	62 40	76	70 70
2X 9	31¼"	63	53 10	76½	60 64	72	70 20	85½	79 56
2X 10	34½"	70	59 00	85	67 38	80	78 00	95	88 38
2X 11	38"	77	64 90	93½	74 12	88	85 80	104½	97 24
2X 12	41¼"	84	70 80	102	80 85	96	93 60	114	106 06
2X 13	44¾"	91	76 70	110½	87 59	104	101 40	123½	114 90
2X 14	47¾"	98	82 60	119	94 33	112	109 20	133	123 74
2X 15	50¾"	105	88 50	127½	101 07	120	117 00	142½	132 58
2X 16	54¾"	112	94 40	136	107 80	128	124 80	152	141 40
2X 18	60¾"	126	106 20	153	121 28	144	140 40	171	159 08
2X 20	66¾"	140	118 00	170	134 75	160	156 00	190	176 76
2X 22	73¼"	154	129 80	187	148 23				
2X 24	79¾"	168	141 60	204	161 70				
2X 26	86¼"	182	153 40	221	175 18				
3X 3	12¼"	31½	26 55	38¼	30 32	36	38 70	42¾	44 04
3X 4	15½"	42	35 40	51	40 43	48	51 60	57	58 73
3X 5	18½"	52½	44 25	63¾	50 53	60	64 50	71¼	73 41
3X 6	22"	63	53 10	76½	60 64	72	77 40	85½	88 09
3X 7	25¼"	73½	61 95	89¼	70 75	84	90 30	99¾	102 77
3X 8	28½"	84	70 80	102	80 85	96	103 20	114	117 45
3X 9	31¼"	94½	79 65	114¾	90 96	108	116 10	128¼	132 13
3X 10	34¼"	105	88 50	127½	101 07	120	129 00	142½	146 81
3X 11	39"	115½	97 35	140¼	1 0 88	132	141 90	156¾	161 49
3X 12	42"	126	106 20	153	121 28	144	154 80	171	176 18
3X 13	45¼"	136½	115 05	165¾	131 38	156	167 70	185¼	190 86
3X 15	51¾"	157½	132 75	191¼	151 60	180	193 50	213¼	220 22
4X 4	16½"	56	47 20	68	53 90	64	67 38		
4X 5	19¾"	70	59 00	85	67 38				
4X 6	22¾"	84	70 80	102	80 85				
4X 7	26¼"	98	82 60	119	94 33				
4X 8	29¼"	112	94 40	136	107 80				
4X 9	32"	126	106 20	153	121 28				
4X 10	35¾"	140	118 00	170	134 75				
4X 12	42½"	168	141 60	204	161 70				
4X 14	48¾"	196	165 20	238	188 65				
4X 18	60¾"	252	212 40	306	242 55				
4X 20	67¼"	280	236 00	340	269 50				
4X 22	73½"	308	259 60	374	296 45				
4X 24	79¾"	336	283 20	408	323 40				



**BUNDY SEMI-RENAISSANCE RADIATOR—Two Row.**

Made in all the different lengths, widths, diameters and radii of Bundy Direct and Direct-Indirect Plain Rectangular, Circular, Column and Corner Radiators; 8 different heights (Steam, 42", 36", 30" and 24"; Hot Water, 45", 39", 33", and 27"); two distinct styles of loops (Standard and Enlarged), at the uniform increased cost over plain loop Radiators of 50 cents per loop list extra to be added to the list price of plain loop Bundy Radiators.

**BUNDY STANDARD SEMI-RENAISSANCE RING COLUMN RADIATOR.**

Number of Loops.	Outside Diameter of Base.	Inside Diameter of Base.	STEAM. Forty-Two Inches High.			
			Standard Loop		Enlarged Loop	
			Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
18	26"	12"	63	\$68 85	76 1/2	\$79 77
22	30"	16"	77	84 15	93 1/2	97 49
28	36"	22 1/2"	98	107 10	119	124 08
32	41"	28 1/2"	112	122 40	136	141 80
			STEAM. Thirty-Six Inches High.			
18	26"	12"	54	\$63 00	63	\$70 43
22	30"	16"	66	77 00	77	86 08
28	36"	22 1/2"	84	98 00	98	109 55
32	41"	28 1/2"	96	112 00	112	125 20

List of Radiators built on the following size Bases.

MADE FOR BOTH  
STEAM AND HOT  
WATER.

All Regular Steam Goods Tapped 1"x3/4" Right Hand, same or opposite ends or one end only for One Pipe Work.

All Regular Hot Water Goods Tapped 1 1/4"x1 1/4" Right Hand, same or opposite ends or in Upper Circulating Chamber.

## Bundy Standard Semi-Renaissance Radiator Sizes and Prices.

WIDTH OF BASES. One Row 5 $\frac{1}{2}$ Inches. Two " 9 $\frac{3}{4}$ " Three " 13 $\frac{1}{2}$ " Four " 17 $\frac{1}{2}$ "		STEAM. Thirty-Six Inches High.				HOT WATER. Thirty-Nine Inches High.			
		Standard Loop.		Enlarged Loop.		Standard Loop.		Enlarged Loop.	
Size of Radiator	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
		1 X 3	12"	9	\$8 25	10 $\frac{1}{2}$	\$9 12	10 $\frac{1}{2}$	\$10 95
1 X 4	15 $\frac{1}{4}$ "	12	11 00	14	12 15	14	14 60	16	16 00
1 X 5	18 $\frac{3}{4}$ "	15	13 75	17 $\frac{1}{2}$	15 19	17 $\frac{1}{2}$	18 25	20	20 00
1 X 6	21 $\frac{3}{4}$ "	18	16 50	21	18 23	21	21 90	24	24 00
1 X 7	25 $\frac{1}{8}$ "	21	19 25	24 $\frac{1}{2}$	21 27	24 $\frac{1}{2}$	25 55	28	28 00
1 X 8	28 $\frac{1}{8}$ "	24	22 00	28	24 30	28	29 20	32	32 00
1 X 9	31 $\frac{1}{2}$ "	27	24 75	31 $\frac{1}{2}$	27 34	31 $\frac{1}{2}$	32 85	36	36 00
1 X 10	41 $\frac{1}{2}$ "	30	27 50	35	30 38	35	36 50	40	40 00
1 X 11	38"	33	30 25	38 $\frac{1}{2}$	33 42	38 $\frac{1}{2}$	40 15	44	44 00
1 X 12	41 $\frac{1}{4}$ "	36	33 00	42	36 45	42	43 80	48	48 00
1 X 13	44 $\frac{3}{8}$ "	39	35 75	45 $\frac{1}{2}$	39 49	45 $\frac{1}{2}$	47 45	52	52 00
1 X 14	47 $\frac{1}{8}$ "	42	38 50	49	42 53	49	51 10	56	56 00
1 X 15	51"	45	41 25	52 $\frac{1}{2}$	45 57	52 $\frac{1}{2}$	54 75	60	60 00
1 X 16	54"	48	44 00	56	48 60	56	58 40	64	64 00
1 X 18	60 $\frac{5}{8}$ "	54	49 50	63	54 68	63	65 70	72	72 00
1 X 20	66 $\frac{1}{8}$ "	60	55 00	70	60 75	70	73 00	80	80 00
1 X 22	73 $\frac{1}{4}$ "	66	60 50	77	66 83				
1 X 24	79 $\frac{1}{8}$ "	72	66 00	84	72 90				
1 X 26	86 $\frac{1}{8}$ "	78	71 50	91	78 98				
2 X 3	12"	18	16 50	21	18 23	21	21 90	24	24 00
2 X 4	15 $\frac{1}{4}$ "	24	22 00	28	24 30	28	29 20	32	32 00
2 X 5	18 $\frac{3}{8}$ "	30	27 50	35	30 38	35	36 50	40	40 00
2 X 6	21 $\frac{3}{4}$ "	36	33 00	42	36 45	42	43 80	48	48 00
2 X 7	24 $\frac{1}{8}$ "	42	38 50	49	42 53	49	51 10	56	56 00
2 X 8	28 $\frac{1}{8}$ "	48	44 00	56	48 60	56	58 40	64	64 00
2 X 9	31 $\frac{1}{4}$ "	54	49 50	63	54 68	63	65 70	72	72 00
2 X 10	34 $\frac{5}{8}$ "	60	55 00	70	60 75	70	73 00	80	80 00
2 X 11	38"	66	60 50	77	66 83	77	80 30	88	88 00
2 X 12	41 $\frac{1}{4}$ "	72	66 00	84	72 90	84	87 60	96	96 00
2 X 13	44 $\frac{3}{8}$ "	78	71 50	91	78 98	91	94 90	104	104 00
2 X 14	47 $\frac{1}{8}$ "	84	77 00	98	85 05	98	102 20	112	112 00
2 X 15	50 $\frac{3}{8}$ "	90	82 50	105	91 13	105	109 50	120	120 00
2 X 16	54 $\frac{1}{8}$ "	96	88 00	112	97 20	112	116 80	128	128 00
2 X 18	60 $\frac{5}{8}$ "	108	99 00	126	109 35	126	131 40	144	144 00
2 X 20	66 $\frac{1}{8}$ "	120	110 00	140	121 50	140	146 00	160	160 00
2 X 22	73 $\frac{1}{4}$ "	132	121 00	154	133 65				
2 X 24	79 $\frac{1}{8}$ "	144	132 00	168	145 80				
2 X 26	86 $\frac{1}{4}$ "	156	143 00	182	157 95				
3 X 3	12 $\frac{1}{4}$ "	27	24 75	31 $\frac{1}{2}$	27 34	31 $\frac{1}{2}$	36 00	36	39 60
3 X 4	15 $\frac{1}{2}$ "	36	33 00	42	36 45	42	48 00	48	52 80
3 X 5	18 $\frac{1}{2}$ "	45	41 25	52 $\frac{1}{2}$	45 57	52 $\frac{1}{2}$	60 00	60	66 00
3 X 6	22"	54	49 50	63	54 68	63	72 00	72	79 20
3 X 7	25 $\frac{1}{8}$ "	63	57 75	73 $\frac{1}{2}$	63 79	73 $\frac{1}{2}$	84 00	84	92 40
3 X 8	38 $\frac{3}{8}$ "	72	66 00	84	72 90	84	96 00	96	105 60
3 X 9	31 $\frac{1}{2}$ "	81	74 25	94 $\frac{1}{2}$	82 02	94 $\frac{1}{2}$	108 00	108	118 80
3 X 10	34 $\frac{1}{4}$ "	90	82 50	105	91 13	105	120 00	120	132 00
3 X 11	39"	99	90 75	115 $\frac{1}{2}$	100 24	115 $\frac{1}{2}$	132 00	132	145 20
3 X 12	42"	108	99 00	126	100 35	126	144 00	144	158 40
3 X 13	45 $\frac{1}{8}$ "	117	107 25	136 $\frac{1}{2}$	118 47	136 $\frac{1}{2}$	156 00	156	171 60
3 X 15	51 $\frac{1}{4}$ "	135	123 75	157 $\frac{1}{2}$	136 70	157 $\frac{1}{2}$	180 00	180	198 00
4 X 4	16 $\frac{1}{8}$ "	48	44 00	56	48 60				
4 X 5	19 $\frac{1}{8}$ "	60	55 00	70	60 75				
4 X 6	22 $\frac{1}{4}$ "	72	66 00	84	72 90				
4 X 7	26 $\frac{1}{8}$ "	84	77 00	98	85 05				
4 X 8	29 $\frac{1}{4}$ "	96	88 00	112	97 20				
4 X 9	32"	108	99 00	126	109 35				
4 X 10	35 $\frac{3}{8}$ "	120	110 00	140	121 50				
4 X 12	42 $\frac{1}{2}$ "	144	132 00	168	145 80				
4 X 14	48 $\frac{1}{8}$ "	168	154 00	196	170 10				
4 X 18	60 $\frac{1}{8}$ "	216	198 00	252	218 70				
4 X 20	67 $\frac{1}{4}$ "	240	220 00	280	243 00				
4 X 22	73 $\frac{1}{2}$ "	264	242 00	308	267 30				
4 X 24	79 $\frac{1}{8}$ "	288	264 00	336	291 60				

# Bundy Standard Semi-Renaissance Radiator Sizes and Prices.

WIDTH OF BASES.		STEAM. Thirty Inches High.				HOT WATER. Thirty-Three Inches High.			
One Row, 6 1/2 inches. Two Row, 9 " Three Row, 13 " Four Row, 17 1/2 "		Standard Loop.		Enlarged Loop.		Standard Loop.		Enlarged Loop.	
Size of Radiator.	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
		1 X 3	12"	7 1/2	\$7 88	9	\$8 93	9	\$10 50
1 X 4	15 1/4"	10	10 50	12	11 90	12	14 00	14	15 65
1 X 5	18 1/2"	12 1/2	13 13	15	14 88	15	17 50	17 1/2	19 56
1 X 6	21 3/4"	15	15 75	18	17 85	18	21 00	21	23 48
1 X 7	25 1/8"	17 1/2	18 38	21	20 83	21	24 50	24 1/2	27 39
1 X 8	28 3/8"	20	21 00	24	23 80	24	28 00	28	31 30
1 X 9	31 1/2"	22 1/2	23 63	27	26 78	27	31 50	31 1/2	35 21
1 X 10	34 1/2"	25	26 25	30	29 75	30	35 00	35	39 13
1 X 11	38"	27 1/2	28 88	33	32 73	33	38 50	38 1/2	43 04
1 X 12	41 1/4"	30	31 50	36	35 70	36	42 00	42	46 05
1 X 13	44 3/8"	32 1/2	34 13	39	38 68	39	45 50	45 1/2	50 86
1 X 14	47 7/8"	35	36 75	42	41 65	42	49 00	49	54 78
1 X 15	51"	37 1/2	39 38	45	44 63	45	52 50	52 1/2	58 69
1 X 16	54"	40	42 00	48	47 60	48	56 00	56	62 60
1 X 18	60 3/8"	45	47 25	54	53 55	54	63 00	63	70 43
1 X 20	66 3/8"	50	52 50	60	59 50	60	70 00	70	78 25
1 X 22	73 1/4"	55	57 75	66	65 45				
1 X 24	79 3/8"	60	63 00	72	71 40				
1 X 26	86 3/8"	65	68 25	78	77 35				
2 X 3	12"	15	15 75	18	17 85	18	21 00	21	23 48
2 X 4	15 1/4"	20	21 00	24	23 80	24	28 00	28	31 30
2 X 5	18 1/2"	25	26 25	30	29 75	30	35 00	35	39 12
2 X 6	21 3/4"	30	31 50	36	35 70	36	42 00	42	46 96
2 X 7	24 7/8"	35	36 75	42	41 65	42	49 00	49	54 78
2 X 8	28 3/8"	40	42 00	48	47 60	48	56 00	56	62 60
2 X 9	31 1/2"	45	47 25	54	53 55	54	63 00	63	70 42
2 X 10	34 1/2"	50	52 50	60	59 50	60	70 00	70	78 26
2 X 11	38"	55	57 75	66	65 45	66	77 00	77	86 08
2 X 12	41 1/4"	60	63 00	72	71 40	72	84 00	84	93 90
2 X 13	44 3/8"	65	68 25	78	77 35	78	91 00	91	101 72
2 X 14	47 7/8"	70	73 50	84	83 30	84	98 00	98	109 56
2 X 15	50 7/8"	75	78 75	90	89 25	90	105 00	105	117 38
2 X 16	54 1/8"	80	84 00	96	95 20	96	112 00	112	125 20
2 X 18	60 3/8"	90	94 50	108	107 10	108	126 00	126	150 86
2 X 20	66 3/8"	100	105 00	120	119 00	120	140 00	140	156 50
2 X 22	73 1/4"	110	115 50	132	130 90				
2 X 24	79 3/4"	120	126 00	144	142 80				
2 X 26	86 1/4"	130	136 50	156	154 70				
3 X 3	12 1/2"	22 1/2	23 62	27	26 78	27	34 20	31 1/2	38 36
3 X 4	15 1/2"	30	31 50	36	35 70	36	45 60	42	51 15
3 X 5	18 1/2"	37 1/2	39 37	45	44 63	45	57 00	52 1/2	63 94
3 X 6	22"	45	47 25	54	53 55	54	68 40	63	76 73
3 X 7	25 3/8"	52 1/2	55 12	63	62 48	63	79 80	73 1/2	89 51
3 X 8	28 3/8"	60	63 00	72	71 40	72	91 20	84	102 30
3 X 9	31 1/2"	67 1/2	70 87	81	80 33	81	102 60	94 1/2	115 09
3 X 10	34 1/2"	75	78 75	90	89 25	90	114 00	105	127 88
3 X 11	39"	82 1/2	86 62	90	98 18	99	125 40	115 1/2	140 66
3 X 12	42"	90	94 50	108	107 10	108	136 80	126	153 45
3 X 13	45 7/8"	97 1/2	102 37	117	116 03	117	148 20	136 1/2	166 24
3 X 15	51 3/4"	112 1/2	118 12	135	133 88	135	171 00	157 1/2	191 81
4 X 4	16 7/8"	40	42 00	48	47 60				
4 X 5	19 3/8"	50	52 50	60	59 50				
4 X 6	22 3/8"	60	63 00	72	71 40				
4 X 7	26 3/8"	70	73 50	84	83 30				
4 X 8	29 7/8"	80	84 00	96	95 20				
4 X 9	32"	90	94 50	108	107 10				
4 X 10	35 3/8"	100	105 00	120	119 00				
4 X 12	42 1/8"	120	126 00	144	142 80				
4 X 14	48 3/8"	140	147 00	168	166 60				
4 X 18	60 1/2"	180	189 00	216	214 20				
4 X 20	67 1/4"	200	210 00	240	238 00				
4 X 22	73 1/2"	220	231 00	264	261 80				
4 X 24	79 3/8"	240	252 00	288	285 60				



# Bundy Standard Semi-Renaissance Radiator Sizes and Prices.

WIDTH OF BASES. One Row 5 1/2 inches. Two " 9 1/2 " Three " 13 1/2 " Four " 17 1/2 "		STEAM. Twenty-four Inches High.				HOT WATER. Twenty-Seven Inches High.			
		Standard Loop.		Enlarged Loop.		Standard Loop.		Enlarged Loop.	
Size of Radiator	Length of Radiator.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
		1 X 3	12"	6	\$7 50	7	\$8 33	7 1/2	\$10 13
1 X 4	15 1/4"	8	10 00	9 1/2	11 10	10	13 50	11 1/2	14 75
1 X 5	18 1/2"	10	12 50	11 3/8	13 88	12 1/2	16 88	14 1/2	18 44
1 X 6	21 3/4"	12	15 00	14	16 65	15	20 25	17	22 13
1 X 7	25 1/8"	14	17 50	16 1/8	19 43	17 1/2	23 63	19 1/2	25 82
1 X 8	28 3/8"	16	20 00	18 3/8	22 20	20	27 00	22 3/8	29 51
1 X 9	31 3/8"	18	22 50	21	24 98	22 1/2	30 38	25 3/8	33 19
1 X 10	34 1/2"	20	25 00	23 1/8	27 75	25	33 75	28 1/2	36 88
1 X 11	38"	22	27 50	25 3/8	30 53	27 1/2	37 13	31 1/2	40 57
1 X 12	41 1/4"	24	30 00	28	33 30	30	40 50	34	44 25
1 X 13	44 3/8"	26	32 50	30 1/2	36 08	32 1/2	43 88	36 3/8	47 94
1 X 14	47 7/8"	28	35 00	32 3/8	38 85	35	47 25	39 3/8	51 03
1 X 15	51"	30	37 50	35	41 63	37 1/2	50 63	42 3/8	55 32
1 X 16	54"	32	40 00	37 3/8	44 40	40	54 00	45 3/8	59 00
1 X 18	60 3/8"	36	45 00	42	49 95	45	60 75	51	66 38
1 X 20	66 7/8"	40	50 00	46 3/8	55 50	50	67 50	56 3/8	73 75
1 X 22	73 1/4"	44	55 00	51 1/8	61 05				
1 X 24	79 3/8"	48	60 00	56	66 60				
1 X 26	86 3/8"	52	65 00	60 3/8	72 15				
2 X 3	12"	12	15 00	14	16 65	15	20 26	17	22 14
2 X 4	15 1/4"	16	20 00	18 3/8	22 20	20	27 00	22 3/8	29 50
2 X 5	18 1/2"	20	25 00	23 1/8	27 75	25	33 76	28 1/2	36 88
2 X 6	21 3/4"	24	30 00	28	33 30	30	40 50	34	44 26
2 X 7	24 7/8"	28	35 00	32 3/8	38 85	35	47 26	39 3/8	51 64
2 X 8	28 3/8"	32	40 00	37 3/8	44 40	40	54 00	45 3/8	59 02
2 X 9	31 3/4"	36	45 00	42	49 95	45	60 76	51	66 38
2 X 10	34 1/2"	40	50 00	46 3/8	55 50	50	67 50	56 3/8	73 76
2 X 11	38"	44	55 00	51 1/8	61 05	55	74 26	62 1/8	81 14
2 X 12	41 1/4"	48	60 00	56	66 60	60	81 00	68	88 50
2 X 13	44 3/8"	52	65 00	60 3/8	72 15	65	87 76	73 3/8	95 88
2 X 14	47 7/8"	56	70 00	65 1/8	77 70	70	94 50	79 3/8	103 26
2 X 15	50 3/8"	60	75 00	70	83 25	75	101 26	85	110 64
2 X 16	54 1/8"	64	80 00	74 3/8	88 81	80	108 00	90 3/8	118 00
2 X 18	60 3/8"	72	90 00	84	99 90	90	121 50	102	132 76
2 X 20	66 7/8"	80	100 00	93 1/8	111 00	100	135 00	113 1/8	147 50
2 X 22	73 1/4"	88	110 00	102 3/8	122 10				
2 X 24	79 3/4"	96	120 00	112	133 20				
2 X 26	86 1/4"	104	130 00	121 1/8	144 30				
3 X 3	12 1/4"	18	22 50	21	24 98	22 1/2	32 63	25 1/2	35 74
3 X 4	15 1/2"	24	30 00	28	33 30	30	43 50	34	47 65
3 X 5	18 1/2"	30	37 50	35	41 63	37 1/2	54 38	42 1/2	59 56
3 X 6	22"	36	45 00	42	49 95	45	65 25	51	71 48
3 X 7	25 5/8"	42	52 50	49	58 28	52 1/2	76 13	59 1/2	83 39
3 X 8	28 3/8"	48	60 00	56	66 60	60	87 00	68	95 30
3 X 9	31 3/8"	54	67 50	63	74 93	67 1/2	97 88	76 1/2	107 21
3 X 10	34 1/4"	60	75 00	70	83 25	75	108 75	85	119 13
3 X 11	39"	66	82 50	77	91 58	82 1/2	119 63	93 1/2	131 04
3 X 12	42"	72	90 00	84	99 90	90	130 50	102	142 95
3 X 13	45 3/8"	78	97 50	91	108 23	97 1/2	141 38	110 1/2	154 86
3 X 15	51 3/4"	90	112 50	105	124 88	112 1/2	163 13	127 1/2	178 69
4 X 4	16 1/8"	32	40 00	37 1/8	44 40				
4 X 5	19 3/8"	40	50 00	46 3/8	55 50				
4 X 6	22 3/4"	48	60 00	56	66 60				
4 X 7	26 1/8"	56	70 00	65 1/8	77 70				
4 X 8	29 1/4"	64	80 00	74 3/8	88 80				
4 X 9	32"	72	90 00	84	99 90				
4 X 10	35 3/8"	80	100 00	93 1/8	111 00				
4 X 12	42 3/8"	96	120 00	112	133 20				
4 X 14	48 3/8"	112	140 00	130 3/8	155 40				
4 X 18	60 1/2"	144	180 00	168	199 80				
4 X 20	67 1/4"	160	200 00	186 3/8	222 00				
4 X 22	73 3/8"	176	220 00	205 1/8	244 20				
4 X 24	79 3/8"	192	240 00	224	266 40				

## Bundy Standard Semi-Renaissance Circular Radiator Sizes and Prices.

List of Radiators built on the following size Bases.		STEAM. Forty-Two Inches High.				HOT WATER. Forty-Five Inches High.			
		Standard Loop		Enlarged Loop		Standard Loop		Enlarged Loop	
		Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
10	17 1/4"	35	\$31 25	42 1/2	\$35 82	40	\$43 00	47 1/2	\$48 94
15	18 1/2"	52 1/2	46 88	63 3/4	53 72	60	64 50	71 1/4	73 41
20	21 1/2"	70	62 50	85	71 63	80	86 00	95	97 88
26	22 1/2"	91	81 25	110 1/2	93 12	104	111 80	123 1/2	127 24
34	26 1/2"	119	106 25	144 1/2	121 77	136	146 20	161 1/2	166 39
50	31 1/4"	175	156 25	212 1/2	179 07	200	215 00	237 1/2	244 60
72	36"	252	225 00	306	257 85				

List of Radiators built on the following size Bases.		STEAM. Thirty-Six Inches High.				HOT WATER. Thirty-Nine Inches High.			
		Standard Loop		Enlarged Loop		Standard Loop		Enlarged Loop	
		Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
10	17 1/4"	30	\$20 00	35	\$32 13	35	\$40 00	40	\$44 00
15	18 1/2"	45	43 50	52 1/2	48 19	52 1/2	60 00	60	66 00
20	21 1/2"	60	58 00	70	64 25	70	80 00	80	88 00
26	22 1/2"	78	75 40	91	83 53	91	104 00	104	114 40
34	26 1/2"	102	98 60	119	109 23	119	136 00	136	149 60
50	31 1/4"	150	145 00	175	160 63	175	200 00	200	220 00
72	36"	216	208 80	252	231 30				

## Bundy Standard Semi-Renaissance Corner Radiator SIZES AND PRICES.

Number of Loops.	Radius of Circle.	Number of Loops in Front Row.	STEAM. Forty-Two Inches High.				HOT WATER. Forty-Five Inches High.			
			Standard Loop		Enlarged Loop		Standard Loop		Enlarged Loop	
			Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
10	15"	5	35	\$31 25	42 1/2	\$35 82	40	\$43 00	47 1/2	\$48 94
15	17 1/4"	6	52 1/2	46 88	63 3/4	53 72	60	64 50	71 1/4	73 41
20	19 1/2"	7	70	62 50	85	71 63	80	86 00	95	97 88
25	22 1/2"	9	87 1/2	86 88	106 1/4	100 16				
28	22 1/2"	9	98	97 30	119	112 18				

List of Radiators built on the following size Bases.	Number of Loops.	Radius of Circle.	Number of Loops in Front Row.	STEAM. Thirty-Six Inches High.				HOT WATER. Thirty-Nine Inches High.			
				Standard Loop		Enlarged Loop		Standard Loop		Enlarged Loop	
				Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
10	15"	5	30	\$20 00	35	\$32 13	35	\$40 00	40	\$44 00	
15	17 1/4"	6	45	43 50	52 1/2	48 19	52 1/2	60 00	60	66 00	
20	19 1/2"	7	60	58 00	70	64 25	70	80 00	80	88 00	
25	22 1/2"	9	75	80 00	87 1/2	89 07					
28	22 1/2"	9	84	89 60	98	99 75					

## Bundy Standard Semi-Renaissance Column Radiator SIZES AND PRICES.

Number of Loops	Outside Diameter of Base.	Inside Diameter of Base.	STEAM. Forty-Two Inches High.				HOT WATER. Forty-Five Inches High.			
			Standard Loop		Enlarged Loop		Standard Loop		Enlarged Loop	
			Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
26	26"	9"	91	\$85 80	110 1/2	\$98 64	104	\$137 80	123 1/2	\$158 12
34	30"	12 3/4"	119	112 20	144 1/2	128 99				
50	36"	17"	175	165 00	212 1/2	189 69	200	265 00	237 1/2	304 06
58	41"	24"	203	191 40	246 1/2	220 04				

List of Radiators built on the following size Bases.	Number of Loops.	Outside Diameter of Base.	Inside Diameter of Base.	STEAM. Thirty-Six Inches High.				HOT WATER. Thirty-Nine Inches High.			
				Standard Loop		Enlarged Loop		Standard Loop		Enlarged Loop	
				Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.	Feet of Heating Surface.	With Iron Top or arranged for Marble Top.
26	26"	9"	78	\$79 30	91	\$88 08	91	\$126 75	104	\$140 40	
34	30"	12 3/4"	102	103 70	119	115 18					
50	36"	17"	150	153 50	175	160 28	175	212 75	200	265 00	

## Bundy Dining Room Hot Closet Steam Radiator List Prices.

FORTY-EIGHT INCHES HIGH. STEAM, FIG. 10. STYLE A.

WITH THE FOLLOWING STYLES OF LOOPS:					
STANDARD.		ENLARGED.		EXTENDED SURFACE.	
Feet of Heating Surface.	List Price.	Feet of Heating Surface.	List Price.	Feet of Heating Surface.	List Price.
59	\$ 99 00	70	\$ 106 00	70	\$104 00
61	101 00	72½	108 25	72½	106 25
63	103 00	75	110 50	75	108 50
65	105 00	77½	112 75	77½	110 75
67	107 00	80	115 00	80	113 00
69	109 00	82½	117 25	82½	115 25
71	111 00	85	119 50	85	117 50
73	113 00	87½	121 75	87½	119 75
75	115 00	90	124 00	90	122 00

FORTY-TWO INCHES HIGH. STEAM, FIG. 10.

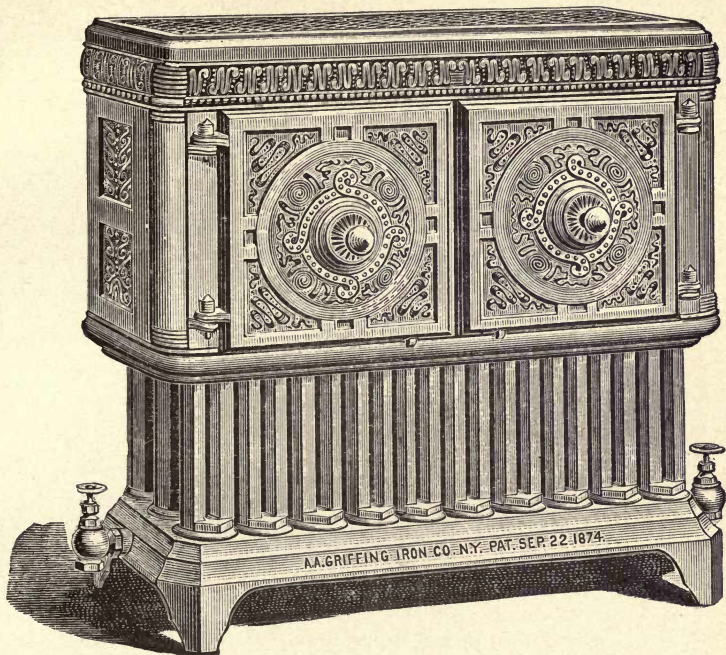
44	\$94 00	51½	\$100 00	51½	\$98 50
46	96 00	53¾	102 00	53¾	101 00
48	98 00	56	104 50	56	103 00
50	101 00	58½	107 00	58½	105 25
52	102 00	60¾	109 00	60¾	107 50
54	104 00	63	111 00	63	109 75
56	106 00	65½	113 50	65½	112 00
58	108 00	67¾	116 00	67¾	114 75
60	110 00	70	118 25	70	116 50

THIRTY-SIX INCHES HIGH. STEAM, FIG. 10.

33	\$91 00	38½	\$97 25	38½	\$96 00
34½	93 00	40¼	99 50	40¼	98 00
36	95 00	42	101 50	42	100 00
37½	96 75	43¾	103 50	43¾	102 25
39	98 50	45½	105 75	45½	104 25
40½	100 50	47¼	108 00	47¼	106 50
42	102 00	49	110 25	49	108 50
43½	104 00	50¾	112 50	50¾	110 50
45	106 00	52½	114 50	52½	112 50

All Regular Steam Goods Tapped 1"x¼" "Right Hand."





## BUNDY DINING ROOM HOT CLOSET RADIATOR.

STYLE A.

STEAM, FIG. 10. HOT WATER, FIG. 49.

Made in a great variety of sizes, using always a 3x10 Bundy Radiator, which is  $34\frac{1}{4}$ " long and  $13\frac{1}{2}$ " wide. Dimensions of all Hot Closets are: Length, 35", width, 14" and height, 18". Furnished for Steam, 48", 42" and 36" high, with from 33 to 90 feet of heating surface; for Hot Water, 53", 47" and 41" high, with from 52 to 105 feet of heating surface. The different amounts of heating surface are secured by omitting 1, 2, 3, 4, 5, 6, 7 or 8 interior loops in the middle row, which can easily be replaced if, for any purpose, more heat is desired.

MADE FOR BOTH STEAM AND HOT WATER.

Center of Tapping is about  $4\frac{1}{2}$  inches from floor on account of high legs.

## Rundy Dining Room Hot Closet Steam Radiator List Prices.

FORTY-EIGHT INCHES HIGH. STEAM, FIG. 10½, STYLE B.

WITH THE FOLLOWING STYLES OF LOOPS			
STANDARD.		ENLARGED.	
Feet of Heating Surface.	List Price.	Feet of Heating Surface.	List Price.
59	\$106 50	70	\$113 50
61	108 50	72½	115 75
63	110 50	75	118 00
65	112 50	77½	120 25
67	114 50	80	122 50
69	116 50	82½	124 75
71	118 50	85	127 00
73	120 50	87½	129 25
75	122 50	90	131 50

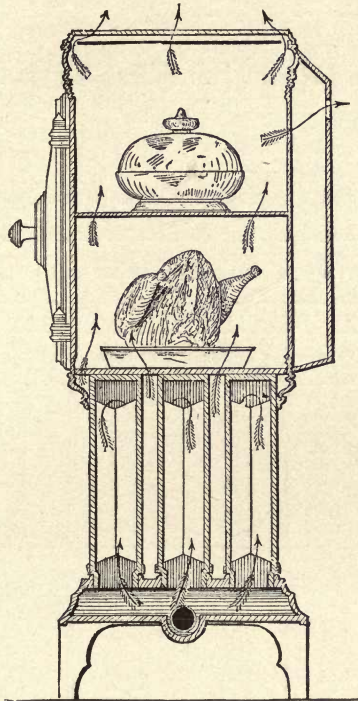
FORTY-TWO INCHES HIGH. STEAM, FIG. 10½, STYLE B.

44	\$101 50	51½	\$107 50
46	103 50	53¾	109 50
48	105 50	56	112 00
50	108 50	58½	114 50
52	109 50	60¾	116 50
54	111 50	63	118 50
56	113 50	65½	121 00
58	115 50	67¾	123 50
60	117 50	70	125 75

THIRTY-SIX INCHES HIGH. STEAM, FIG. 10½, STYLE B.

33	\$98 50	38½	\$104 75
34½	100 50	40¼	107 00
36	102 50	42	109 00
37½	104 25	43¾	111 00
39	106 00	45½	113 25
40½	108 00	47¼	115 50
42	109 50	49	117 75
43½	111 50	50¾	120 00
45	113 50	52½	122 00

All Regular Steam Goods Tapped 1" × ¾" "Right Hand."



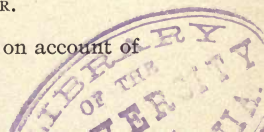
### BUNDY DINING ROOM HOT CLOSET RADIATOR.

#### CROSS SECTION.

This cut shows the liberal size of the Bundy Hot Closet, and its projection back, whereby the largest platter or dish can be accommodated in it. The Hot Closet sets over the entire Radiator and the degree of heat attained in it is higher than that in any other Hot Closet Radiator made. In fact, this is the only Hot Closet Radiator that will produce and preserve drinking temperature of tea which is about  $140^{\circ}$ . In winter this Radiator serves as a dish and food warmer, and in summer as a convenient place for bread, cakes, etc., or anything that is desirable to preserve in a moist condition.

MADE FOR BOTH STEAM AND HOT WATER.

Center of Tapping is about  $4\frac{1}{2}$ ' inches from floor on account of high legs.



## Bundy Dining Room Hot Closet Steam Radiator List Prices.

FORTY-EIGHT INCHES HIGH. STEAM, FIG. 10 $\frac{3}{4}$ , STYLE C.

**WITH THE FOLLOWING STYLES OF LOOPS.**

STANDARD.		ENLARGED.		EXTENDED SURFACE.	
Feet of Heating Surface.	List Price.	Feet of Heating Surface.	List Price.	Feet of Heating Surface.	List Price.
59	\$136 00	70	\$143 00	70	\$141 00
61	138 00	72 $\frac{1}{2}$	145 25	72 $\frac{1}{2}$	143 25
63	140 00	75	147 50	75	145 50
65	142 00	77 $\frac{1}{2}$	149 75	77 $\frac{1}{2}$	147 75
67	144 00	80	152 00	80	150 00
69	146 00	82 $\frac{1}{2}$	154 25	82 $\frac{1}{2}$	152 25
71	148 00	85	156 50	85	154 50
73	150 00	87 $\frac{1}{2}$	158 75	87 $\frac{1}{2}$	156 75
75	152 00	90	161 00	90	159 00

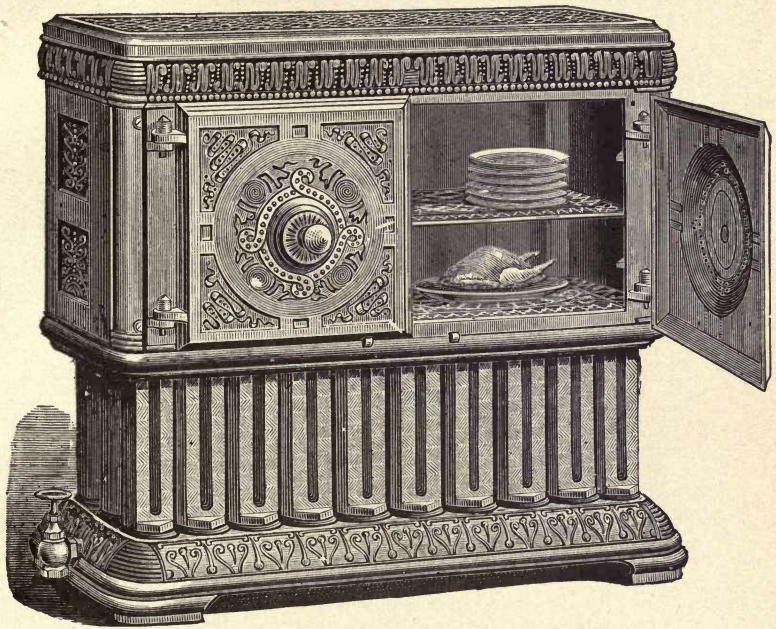
FORTY-TWO INCHES HIGH. STEAM, FIG. 10 $\frac{3}{4}$ , STYLE C.

44	\$131 00	51 $\frac{1}{2}$	\$137 00	51 $\frac{1}{2}$	\$135 50
46	133 00	53 $\frac{3}{8}$	139 00	53 $\frac{3}{8}$	138 00
48	135 00	56	141 50	56	140 00
50	138 00	58 $\frac{1}{2}$	144 00	58 $\frac{1}{2}$	142 25
52	139 00	60 $\frac{3}{8}$	146 00	60 $\frac{3}{8}$	144 50
54	141 00	63	148 00	63	146 75
56	143 00	65 $\frac{1}{2}$	150 50	65 $\frac{1}{2}$	149 00
58	145 00	67 $\frac{3}{8}$	153 00	67 $\frac{3}{8}$	151 75
60	147 00	70	155 25	70	153 50

THIRTY-SIX INCHES HIGH. STEAM, FIG. 10 $\frac{3}{4}$ , STYLE C.

33	\$128 00	38 $\frac{1}{2}$	\$134 25	38 $\frac{1}{2}$	\$133 00
34 $\frac{1}{2}$	130 00	40 $\frac{1}{4}$	136 50	40 $\frac{1}{4}$	135 00
36	132 00	42	138 50	42	137 00
37 $\frac{1}{2}$	133 75	43 $\frac{3}{4}$	140 50	43 $\frac{3}{4}$	139 25
39	135 50	45 $\frac{1}{2}$	142 75	45 $\frac{1}{2}$	141 25
40 $\frac{1}{2}$	137 50	47 $\frac{1}{4}$	145 00	47 $\frac{1}{4}$	143 50
42	139 00	49	147 25	49	145 50
43 $\frac{1}{2}$	141 00	50 $\frac{3}{4}$	149 50	50 $\frac{3}{4}$	147 50
45	143 00	52 $\frac{1}{2}$	151 50	52 $\frac{1}{2}$	149 50

All Regular Steam Goods Tapped 1" x  $\frac{3}{4}$ " "Right Hand."



BUNDY DINING ROOM HOT CLOSET RADIATOR.

STYLE B.

STEAM, FIG. 10½. HOT WATER, FIG. 50.

This Radiator has ornamental loops and base, the ornamental base being separate from the Radiator and removable at will.

Made in a great variety of sizes, using always a 3 x 10 Bundy Radiator, which is 34¼" long and 13½" wide. Dimensions of all Hot Closets are: Length, 35", width, 14", and height, 18". Furnished for Steam, 48," 42" and 36" high, with from 33 to 90 feet of heating surface; for Hot Water, 53," 47" and 41" high, with from 52 to 105 feet of heating surface. The different amounts of heating surface are secured by omitting 1, 2, 3, 4, 5, 6, 7 or 8 interior loops in the middle row, which can easily be replaced if, for any purpose, more heat is desired.

Made for both Steam and Hot Water.

Center of Tapping is about 4½ inches from floor on account of high legs.

## Bundy Dining Room Hot Closet Hot Water Radiator List Prices.

FIFTY-THREE INCHES HIGH. HOT WATER, FIG. 49. STYLE A.

WITH THE FOLLOWING STYLES OF LOOPS.					
STANDARD.		ENLARGED.		EXTENDED SURFACE.	
Feet of Heating Surface.	List Price.	Feet of Heating Surface.	List Price.	Feet of Heating Surface.	List Price.
70	\$137 50	81	\$144 00	81	\$141 00
72 $\frac{1}{2}$	140 00	84	147 00	84	144 00
75	142 50	87	150 00	87	147 00
77 $\frac{1}{2}$	145 00	90	153 00	90	150 00
80	147 50	93	156 00	93	153 00
82 $\frac{1}{2}$	150 00	96	159 00	96	156 00
85	152 50	99	162 00	99	159 00
87 $\frac{1}{2}$	155 00	102	165 00	102	162 00
90	157 50	105	168 00	105	165 00

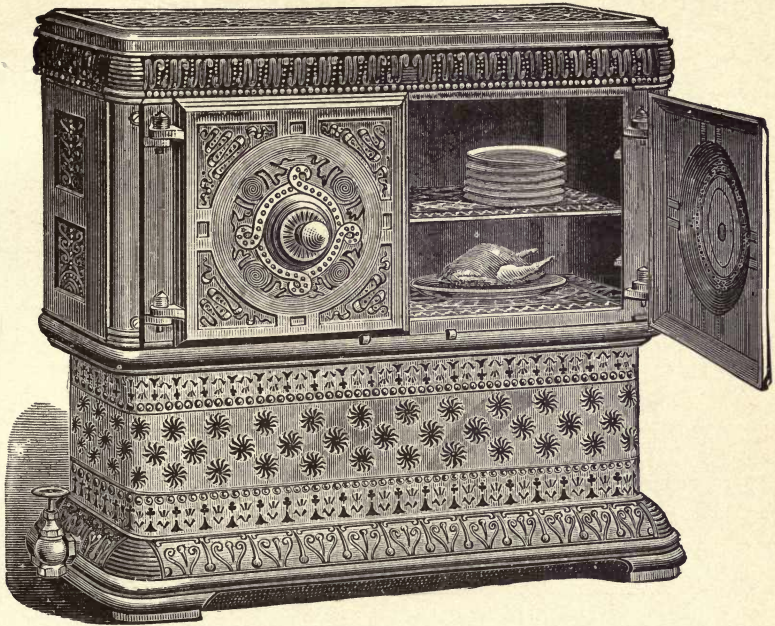
FORTY-SEVEN INCHES HIGH. HOT WATER, FIG. 49.

63 <sup>o</sup>	\$135 25	73 $\frac{1}{8}$	\$142 00	73 $\frac{1}{8}$	\$139 75
64 $\frac{1}{8}$	137 00	74 $\frac{1}{8}$	143 75	74 $\frac{1}{8}$	141 50
66	138 50	76	145 75	76	143 50
67 $\frac{1}{8}$	140 25	77 $\frac{1}{8}$	147 75	77 $\frac{1}{8}$	145 50
69	142 00	78 $\frac{1}{8}$	149 75	78 $\frac{1}{8}$	147 50
70 $\frac{1}{8}$	143 50	80	151 75	80	149 50
72	145 00	81 $\frac{1}{8}$	153 50	81 $\frac{1}{8}$	151 25
73 $\frac{1}{8}$	146 75	82 $\frac{1}{8}$	155 50	82 $\frac{1}{8}$	153 25
75	148 50	84	157 50	84	155 25

FORTY-ONE INCHES HIGH. HOT WATER, FIG. 49.

52	\$132 25	59 $\frac{1}{8}$	\$139 25	59 $\frac{1}{8}$	\$137 25
53	134 00	60 $\frac{1}{8}$	141 00	60 $\frac{1}{8}$	139 00
54	135 50	62	143 00	62	141 00
55	137 25	63 $\frac{1}{8}$	145 00	63 $\frac{1}{8}$	143 00
56	139 00	64 $\frac{1}{8}$	147 00	64 $\frac{1}{8}$	145 00
57	140 50	66	149 00	66	147 00
58	142 00	67 $\frac{1}{8}$	150 75	67 $\frac{1}{8}$	148 75
59	143 75	68 $\frac{1}{8}$	152 75	68 $\frac{1}{8}$	150 75
60	145 50	70	154 75	70	152 75

All Regular Hot Water Goods Tapped  $1\frac{1}{4}$ "x $1\frac{1}{4}$ " "Right Hand."



BUNDY DINING ROOM HOT CLOSET RADIATOR.

STYLE C.

STEAM, FIG. 10¾. HOT WATER, FIG. 51.

This Radiator has the Bundy Ornamental Base and a handsome Brass Screen, which may be either Antique Brass (Blackened Gold), Polished Brass (Bright Gold), Oxidized Silver (Blackened Silver) or Bright Nickel.

Made in a great variety of sizes, using always a 3x10 Bundy Radiator, which is 34¼" long and 13½" wide. Dimensions of all Hot Closets are: Length, 35", width, 14", and height, 18". Furnished for Steam, 48", 42" and 36" high, with from 33 to 90 feet of heating surface; for Hot Water, 53", 47" and 41" high with from 52 to 105 feet of heating surface. The different amounts of heating surface are secured by omitting 1, 2, 3, 4, 5, 6, 7 or 8 interior loops in the middle row, which can easily be replaced if, for any purpose, more heat is desired.

MADE FOR BOTH STEAM AND HOT WATER

Center of Tapping about 4½ inches from floor on account of high legs.

## Bundy Dining Room Hot Closet Hot Water Radiator List Prices.

FIFTY-THREE INCHES HIGH. HOT WATER, FIG. 50, STYLE B.

WITH THE FOLLOWING STYLES OF LOOPS.

STANDARD.		ENLARGED.	
Feet of Heating Surface.	List Price.	Feet of Heating Surface.	List Price.
70	\$145 00	81	\$151 50
72½	147 50	84	154 50
75	150 00	87	157 50
77½	152 50	90	160 50
80	155 00	93	163 50
82½	157 50	96	166 50
85	160 00	99	169 50
87½	162 50	102	172 50
90	165 00	105	175 50

FORTY-SEVEN INCHES HIGH. HOT WATER, FIG. 50, STYLE B.

63	\$142 75	73½	\$149 50
64½	144 50	74½	151 25
66	146 00	76	153 25
67½	147 75	77½	155 25
69	149 50	78½	157 25
70½	151 00	80	159 25
72	152 50	81½	161 00
73½	154 25	82½	163 00
75	156 00	84	165 00

FORTY-ONE INCHES HIGH. HOT WATER, FIG. 50, STYLE B.

52	\$139 75	59½	\$146 75
53	141 50	60½	148 50
54	143 00	62	150 50
55	144 75	63½	152 50
56	146 50	64½	154 50
57	148 00	66	156 50
58	149 50	67½	158 25
59	151 25	68½	160 25
60	153 00	70	162 25

All Regular Hot Water Goods Tapped 1¼" × 1¼" "Right Hand."



## Bundy Dining Room Hot Closet Hot Water Radiator List Prices.

For Cuts and Description see preceding pages.

FIFTY-THREE INCHES HIGH. HOT WATER, FIG. 51, STYLE C.

WITH THE FOLLOWING STYLES OF LOOPS.

STANDARD.		ENLARGED.		EXTENDED SURFACE.	
Feet of Heating Surface.	List Price.	Feet of Heating Surface.	List Price.	Feet of Heating Surface.	List Price.
70	\$174 50	81	\$181 00	81	\$178 00
72½	177 00	84	184 00	84	181 00
75	179 50	87	187 00	87	184 00
77½	182 00	90	190 00	90	187 00
80	184 50	93	193 00	93	190 00
82½	187 00	96	196 00	96	193 00
85	189 50	99	199 00	99	196 00
87½	192 00	102	202 00	102	199 00
90	194 50	105	205 00	105	202 00

FORTY-SEVEN INCHES HIGH. HOT WATER, FIG. 51, STYLE C.

63	\$172 25	73½	\$179 00	73½	\$176 75
64½	174 00	74¾	180 75	74¾	178 50
66	175 50	76	182 75	76	180 50
67½	177 25	77½	184 75	77½	182 50
69	179 00	78¾	186 75	78¾	184 50
70½	180 50	80	188 75	80	186 50
72	182 00	81½	190 50	81½	188 25
73½	183 75	82¾	192 50	82¾	190 25
75	186 50	84	194 50	84	192 25

FORTY-ONE INCHES HIGH. HOT WATER, FIG. 51, STYLE C.

52	\$169 25	59½	\$176 25	59½	\$174 25
53	171 00	60¾	178 00	60¾	176 00
54	172 50	62	180 00	62	178 00
55	174 25	63½	182 00	63½	180 00
56	176 00	64¾	184 00	64¾	182 00
57	177 50	66	186 00	66	184 00
58	179 00	67½	187 75	67½	185 75
59	180 75	68¾	189 75	68¾	187 75
60	182 50	70	191 75	70	189 75

All Regular Hot Water Goods Tapped 1¼" × 1½" "Right Hand."

## List Price of Parts of Bundy Standard Steam and Hot Water Radiators.

RADIATOR.	BASE.	FRET WORK TOP ONLY.	BINDER FOR TOP ONLY.	TOP AND BINDER COM- PLETE.	WATER ARCH.
1X 3	\$2 10	\$ 45	\$ 45	\$ 90	\$1 80
1X 4	2 80	50	60	1 20	2 40
1X 5	3 50	75	75	1 50	3 00
1X 6	4 20	90	90	1 80	3 60
1X 7	4 90	1 05	1 05	2 10	4 20
1X 8	5 60	1 20	1 20	2 40	4 80
1X 9	6 30	1 35	1 35	2 70	5 40
1X10	7 00	1 50	1 50	3 00	6 00
1X11	7 70	1 65	1 65	3 30	6 60
1X12	8 40	1 80	1 80	3 60	7 20
1X13	9 10	1 95	1 95	3 90	7 80
1X14	9 80	2 10	2 10	4 20	8 40
1X15	10 50	2 25	2 25	4 50	9 00
1X16	11 20	2 40	2 40	4 80	9 60
1X18	12 60	2 70	2 70	5 40	10 80
1X20	14 00	3 00	3 00	6 00	12 00
1X22	15 40	3 30	3 30	6 60	
1X24	16 80	3 60	3 60	7 20	
1X26	18 20	3 90	3 90	7 80	
2X 3	4 20	90	90	1 80	3 60
2X 4	5 60	1 20	1 20	2 40	4 80
2X 5	7 00	1 50	1 50	3 00	6 00
2X 6	8 40	1 80	1 80	3 60	7 20
2X 7	9 80	2 10	2 10	4 20	8 40
2X 8	11 20	2 40	2 40	4 80	9 60
2X 9	12 60	2 70	2 70	5 40	10 80
2X10	14 00	3 00	3 00	6 00	12 00
2X11	15 40	3 30	3 30	6 60	13 20
2X12	16 80	3 60	3 60	7 20	14 40
2X13	18 20	3 90	3 90	7 80	15 60
2X14	19 60	4 20	4 20	8 40	16 80
2X15	21 00	4 50	4 50	9 00	18 00
2X16	22 40	4 80	4 80	9 60	19 20
2X18	25 20	5 40	5 40	10 80	21 60
2X20	28 00	6 00	6 00	12 00	24 00
2X22	30 80	6 60	6 60	13 20	
2X24	33 60	7 20	7 20	14 40	
2X26	36 40	7 80	7 80	15 60	
3X 3	6 30	1 35	1 35	2 70	5 40
3X 4	8 40	1 80	1 80	3 60	7 20
3X 5	10 50	2 25	2 25	4 50	9 00
3X 6	12 60	2 70	2 70	5 40	10 80
3X 7	14 70	3 15	3 15	6 30	12 60
3X 8	16 80	3 60	3 60	7 20	14 40
3X 9	18 90	4 05	4 05	8 10	16 20
3X10	21 00	4 50	4 50	9 00	18 00
3X11	23 10	4 95	4 95	9 90	19 80
3X12	25 20	5 40	5 40	10 80	21 60
3X13	27 30	5 85	5 85	11 70	23 40
3X15	31 50	6 75	6 75	13 50	27 00
4X 4	11 20	2 40	2 40	4 80	
4X 5	14 00	3 00	3 00	6 00	
4X 6	16 80	3 60	3 60	7 20	
4X 7	19 60	4 20	4 20	8 40	
4X 8	22 40	4 80	4 80	9 60	
4X 9	25 20	5 40	5 40	10 80	
4X10	28 00	6 00	6 00	12 00	
4X12	33 60	7 20	7 20	14 40	
4X14	39 20	8 40	8 40	16 80	
4X18	50 40	10 80	10 80	21 60	
4X20	56 00	12 00	12 00	24 00	
4X22	61 60	13 20	13 20	26 40	
4X24	67 20	14 40	14 40	28 80	

## List Price of Parts of Bundy Standard Steam and Hot Water Radiators.

Radiator.	Base.	Fret Work Top Only.	Binder for Top Only.	Top and Binder Complete.	Water Arch.
10 Circular.	\$7 50	\$1 75	\$1 75	\$3 50	\$7 00
15 " "	11 25	2 63	2 63	5 25	10 50
20 " "	15 00	3 50	3 50	7 00	14 00
26 " "	19 50	4 55	4 55	9 10	18 20
34 " "	25 50	5 95	5 95	11 90	23 80
50 " "	37 50	8 75	8 75	17 50	35 00
72 " "	54 00	12 60	12 60	25 20	19 50
26 Column.	20 80	5 20	5 20	10 40	
34 " "	27 20	6 80	6 80	13 60	
50 " "	40 00	10 00	10 00	20 00	
58 " "	46 40	11 60	11 60	23 20	37 50
10 Corner.	7 50	1 75	1 75	3 50	7 00
15 " "	11 25	2 63	2 63	5 25	10 50
20 " "	15 00	3 50	3 50	7 00	14 00
25 " "	18 75	4 38	4 38	8 75	
28 " "	21 00	4 90	4 90	9 80	

### LOOPS ONLY, STEAM.

For Rectangular, Circular, Corner and Column Radiators.

* Height of Radiator.	Standard.	Enlarged.	Extended Surface.
42"	\$2 30	\$2 75	\$2 65
36"	2 10	2 40	2 30
30"	2 00	2 35	2 25
24"	1 85	2 15	2 10

### LOOPS ONLY, HOT WATER.

45"	\$3 25	\$3 75	\$3 65
39"	3 00	3 35	3 25
33"	2 85	3 25	3 20
27"	2 70	3 05	3 00

\*This refers to height of Radiator the loops build up with the regular height of legs, for example, a loop 24½" long would build 30" high, with base and top, and therefore is listed as 30" high.

The price applies to all intervening heights of loops, *i. e.*, a steam loop that builds 40" high is listed the same as the 42" height.

Hot Closet complete, Steam or Hot Water (closet only), \$50.00.

## Bundy Elite Steam and Hot Water Radiator.

Points of advantage :

### EXTRA HEAVY AND LONG NIPPLES.

It requires little argument to convince any one that the point where the greatest wear comes in a sectional radiator is at the nipple; hence that is where the radiator will first give out. Wrought iron, which is the usual material used in the nipples, rusts more quickly than cast iron, and so the nipples require to be heavier and stronger, and those used in the Bundy Elite Radiator are of that pattern. Nipples of malleable iron are often used by manufacturers to cheapen the cost of production, but such goods should be studiously avoided, while Radiators having nipples with no threads, being what are commonly called "slip nipples," and are necessarily very thin and weak, should never be used. The nipples used in the Bundy Elite Radiator are the strongest and best in the world, and are guaranteed to last longer and give better satisfaction than any other. Note the following comparison :

	Heavy Bundy Nipple.	Light Threaded Nipple.	Light Threadless Nipple.
Length.....	1 $\frac{3}{8}$ "	$\frac{3}{8}$ "	1 3-16"
Thickness.....	$\frac{1}{4}$ "	5-32"	$\frac{1}{8}$ "
Weight.....	10 OZ.	3 OZ.	2 $\frac{1}{4}$ OZ
Total length of thread....	70"	31"	None.
Pressure under which nipple crushes..	930 lbs.	220 lbs.	176 lbs.

### THREE-BARREL CONSTRUCTION.

By referring to the cut of the Elite Radiator it will be noticed that it has three barrels, and this insures more easy, uniform and positive circulation of either steam or hot water. *Such a Radiator cannot air bind or water pocket.* The circulation is always in a forward direction, up the central and down the two outside barrels. Each section has an individual circulation and one section will circulate alone, in fact is often used in heating a bath room or other small apartment.

### PARABOLIC CURVE.

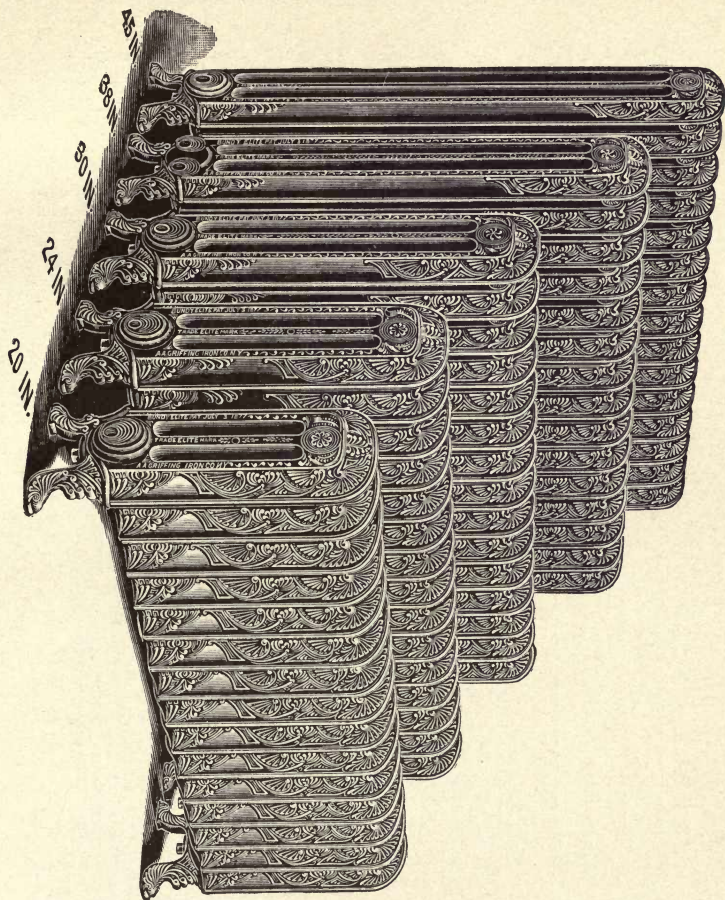
The outside barrels of the Elite Radiator are made parabolic (incurving), which is the best form for resisting internal pressure and this makes available larger air passages between the sections. This form of surface also makes a good deflector of the heat, throwing the warmth laterally into the room instead of allowing it to pass upward to the ceiling. It will be noticed that the heat at the middle and top of a room heated with the Elite Radiator is about the same, while where most other radiators are used the heat at the top of the room is much greater than at the middle, causing a great waste of heat.

### ARABESQUE DESIGN.

The design of the Elite Radiator is neat and appropriate and is one that the eye will never tire of. It is capable of the highest possible decoration and looks well in any room, no matter for what it is used or its style of architecture.

### TESTED TO 100 POUNDS PRESSURE.

The Bundy Elite Radiator is tested to 100 lbs. pressure to the square inch, not 25 or 40 lbs., as is the case with most other Radiators; hence a leak is seldom heard of where the Elite Radiator is used.



BUNDY ELITE RADIATORS.

This cut illustrates at a glance the variety of heights in which the Bundy Elite Radiator is made, also the different styles of tapping, same end, opposite ends, or may be tapped in top connection for Hot Water heating.

TRADE ELITE MARK.



## Bundy Elite Steam and Hot Water Direct and Direct-Indirect Radiator.

Size and dimensions of Elite Radiators without detachable bushings or legs.

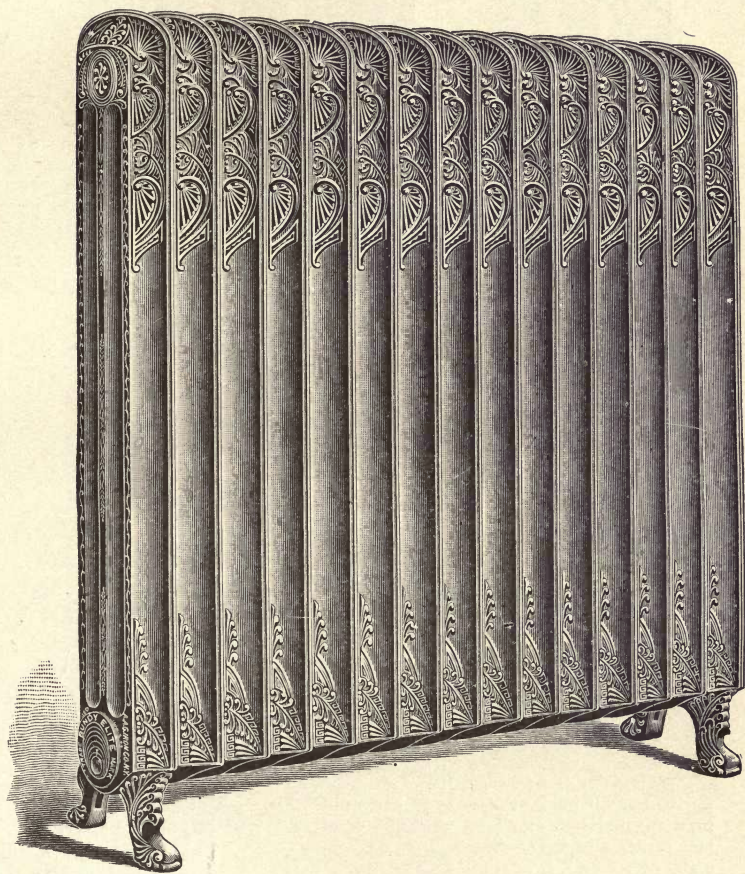
Number of Sections.	*Length in Inches.	OPENINGS.			SQ. FT. OF HEATING SURFACE.				
		Steam.		Hot Water.	45" high	38" high	30" high	24" high	20" high
		1 Pipe.	2 Pipe.		6 $\frac{1}{2}$ " sq. ft. per Sec.	5 $\frac{1}{2}$ " sq. ft. per Sec.	4 $\frac{1}{2}$ " sq. ft. per Sec.	3 $\frac{3}{4}$ " sq. ft. per Sec.	2 $\frac{3}{4}$ " sq. ft. per Sec.
1	3	I	IX $\frac{3}{4}$	IXI	6 $\frac{2}{3}$	5 $\frac{1}{2}$	4 $\frac{2}{3}$	3 $\frac{3}{4}$	2 $\frac{3}{4}$
2	6	I	IX $\frac{3}{4}$	IXI	13 $\frac{1}{3}$	11	9 $\frac{1}{3}$	7 $\frac{1}{2}$	5 $\frac{1}{2}$
3	9	I	IX $\frac{3}{4}$	IXI	20	16 $\frac{1}{2}$	14	11 $\frac{1}{4}$	8 $\frac{1}{4}$
4	12	I	IX $\frac{3}{4}$	IXI	26 $\frac{2}{3}$	22	18 $\frac{2}{3}$	15	11
5	15	I $\frac{1}{4}$	IX $\frac{3}{4}$	IXI	33 $\frac{1}{3}$	27 $\frac{1}{2}$	23 $\frac{1}{3}$	18 $\frac{3}{4}$	13 $\frac{3}{4}$
6	18	I $\frac{1}{4}$	IX $\frac{3}{4}$	IXI	40	33	28	22 $\frac{1}{2}$	16 $\frac{1}{2}$
7	21	I $\frac{1}{4}$	IX $\frac{3}{4}$	IXI	46 $\frac{2}{3}$	38 $\frac{1}{2}$	32 $\frac{2}{3}$	26 $\frac{1}{4}$	19 $\frac{1}{4}$
8	24	I $\frac{1}{4}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	53 $\frac{1}{3}$	44	37 $\frac{1}{3}$	30	22
9	27	I $\frac{1}{4}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	60	49 $\frac{1}{2}$	42	33 $\frac{3}{4}$	24 $\frac{3}{4}$
10	30	I $\frac{1}{4}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	66 $\frac{2}{3}$	55	46 $\frac{2}{3}$	37 $\frac{1}{2}$	27 $\frac{1}{2}$
11	33	I $\frac{1}{4}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	73 $\frac{1}{3}$	60 $\frac{1}{2}$	51 $\frac{1}{3}$	41 $\frac{1}{4}$	30 $\frac{1}{4}$
12	36	I $\frac{1}{2}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	80	66	56	45	33
13	39	I $\frac{1}{2}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	86 $\frac{2}{3}$	71 $\frac{1}{2}$	60 $\frac{2}{3}$	48 $\frac{3}{4}$	35 $\frac{3}{4}$
14	42	I $\frac{1}{2}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	93 $\frac{1}{3}$	77	65 $\frac{1}{3}$	52 $\frac{1}{2}$	38 $\frac{1}{2}$
15	45	I $\frac{1}{2}$	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	100	82 $\frac{1}{2}$	70	56 $\frac{1}{4}$	41 $\frac{1}{4}$
16	48	I $\frac{1}{2}$	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	106 $\frac{2}{3}$	88	74 $\frac{2}{3}$	60	44
17	51	I $\frac{1}{2}$	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	113 $\frac{1}{3}$	93 $\frac{1}{2}$	79 $\frac{1}{3}$	63 $\frac{3}{4}$	46 $\frac{3}{4}$
18	54	I $\frac{1}{2}$	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	120	99	84	67 $\frac{1}{2}$	49 $\frac{1}{2}$
19	57	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	126 $\frac{2}{3}$	104 $\frac{1}{2}$	88 $\frac{2}{3}$	71 $\frac{1}{4}$	52 $\frac{1}{4}$
20	60	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	133 $\frac{1}{3}$	110	93 $\frac{2}{3}$	75	55
21	63	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	140	115 $\frac{1}{2}$	98	78 $\frac{3}{4}$	57 $\frac{3}{4}$
22	66	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	146 $\frac{2}{3}$	121	102 $\frac{2}{3}$	82 $\frac{1}{2}$	60 $\frac{1}{2}$
23	69	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	153 $\frac{1}{3}$	126 $\frac{1}{2}$	107 $\frac{1}{3}$	86 $\frac{1}{4}$	63 $\frac{1}{4}$
24	72	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	160	132	112	90	66
25	75	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	166 $\frac{2}{3}$	137 $\frac{1}{2}$	116 $\frac{2}{3}$	93 $\frac{3}{4}$	68 $\frac{3}{4}$

\* The Radiators are 2' shorter than heretofore on account of dispensing with the detachable bushings and legs, which, however, we will endeavor to furnish if particularly desired, but please to bear in mind that the detachable bushings add about 2" to the above lengths, and that they have to be furnished when the detachable legs are wanted.

Width of legs 8 $\frac{1}{2}$ "; sections 8 $\frac{3}{8}$ ". Center of tapping distant from floor, if tapped opposite ends, 3 $\frac{1}{4}$ "-4 $\frac{5}{8}$ "; 1"-4 $\frac{3}{4}$ "; 1 $\frac{1}{4}$ "-4 $\frac{3}{8}$ "; 1 $\frac{1}{2}$ "-5"; 2"-5". If tapped same end the distance is about 4 $\frac{3}{8}$ " for all size tappings.

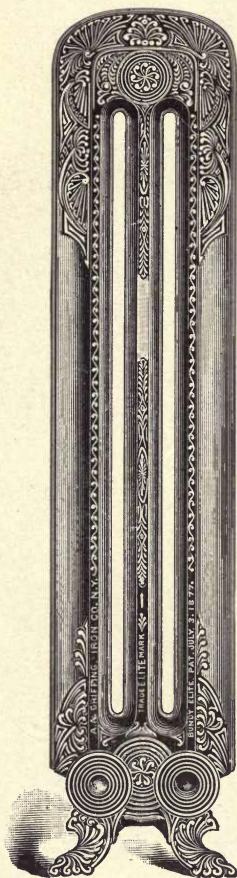
Radiators will be tapped Right Hand in accordance with above list unless otherwise ordered.

By the use of legs 1' and 2' higher and lower the Bundy Elite Radiator may be had in the following heights: 18", 19", 20", 21", 22", 23", 24", 25", 26", 28", 29", 30", 31", 32", 34", 35", 36", 37", 38", 43", 44", 45", 46" and 47" high, but unless particularly ordered detachable legs will not be furnished, the legs being cast on solid.



BUNDY ELITE RADIATOR.

TRADE ELITE MARK.

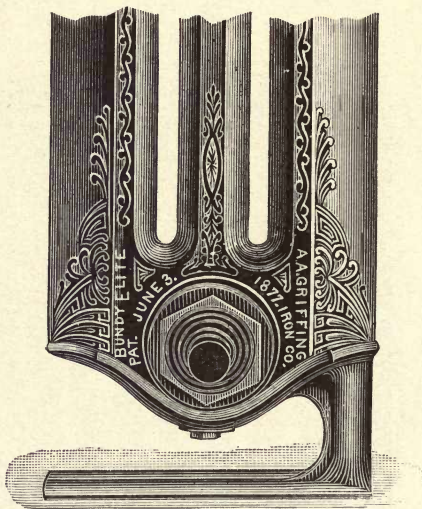


End view of a Bundy Elite Radiator, showing the three-pipe construction and feed and return tapping at same end.

to hold it in place under the section. The radiator is shipped separate from the legs, making it a compact piece of furniture. The legs are carefully boxed, and so reach their destination in safety.

When the Bundy Elite Carpet Leg is used add 2 inches to the length of Radiators, as given elsewhere in this catalogue, on account of detachable Bushings.

Price, \$1.00 per pair.

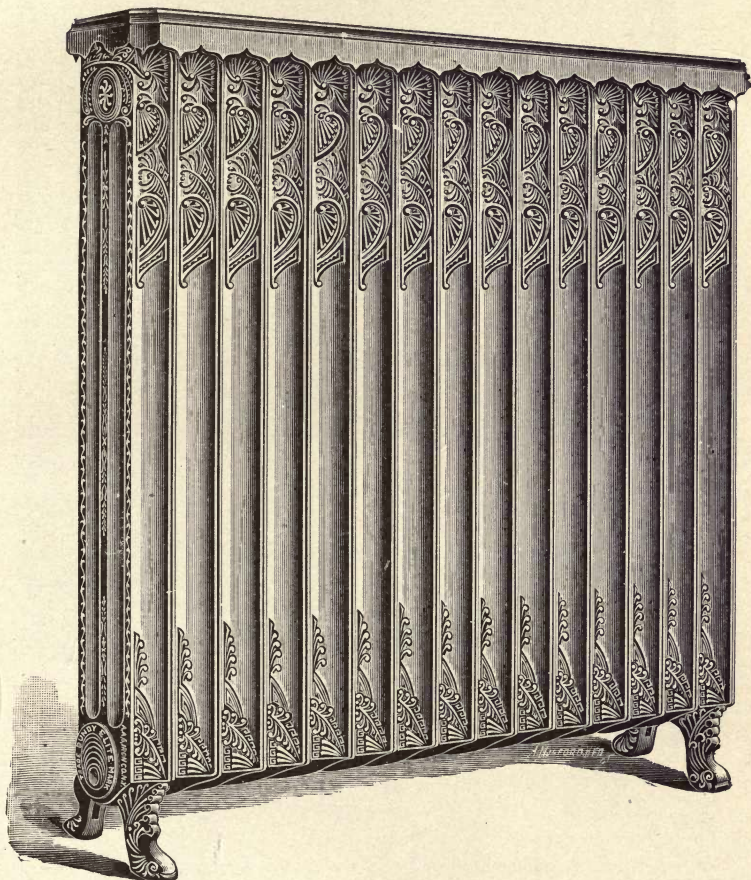


BUNDY ELITE CARPET LEG.

The Bundy Elite Carpet Leg adds greatly to the convenience of cleaning out under the radiator, and does away with lifting the radiator to slip the carpet under the legs, or else cutting the carpet to fit around them.

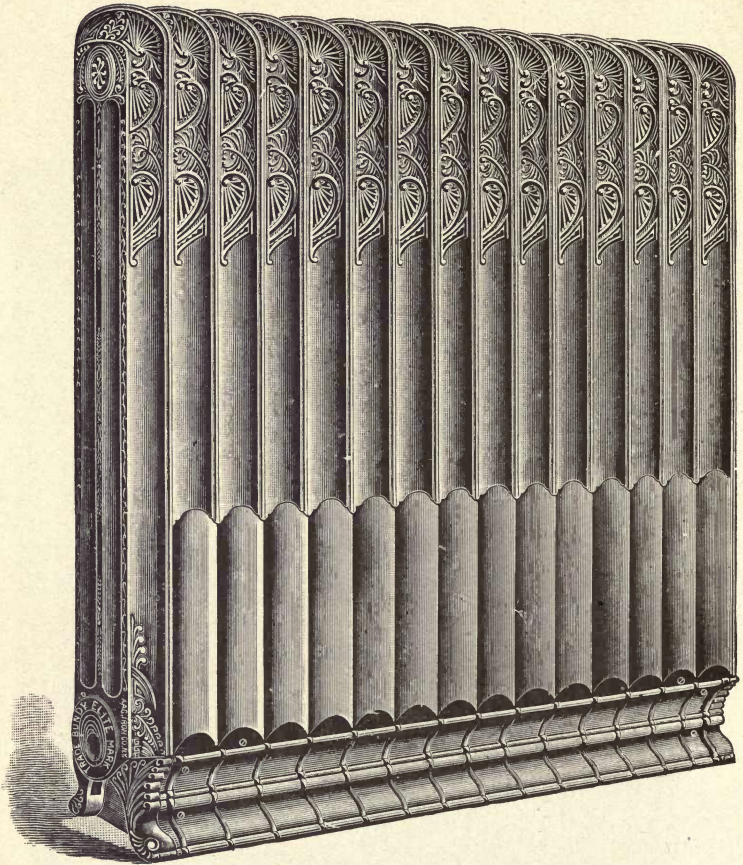
The legs are detachable and interchangeable, and can be quickly set to place under any Bundy Elite section. It is of neat appearance, and so constructed that the Radiator will stand alone, even when not connected. The cost is but a trifle, and a set-screw goes with each leg





BUNDY ELITE RADIATOR—WITH CAST IRON TOP.

TRADE ELITE MARK.



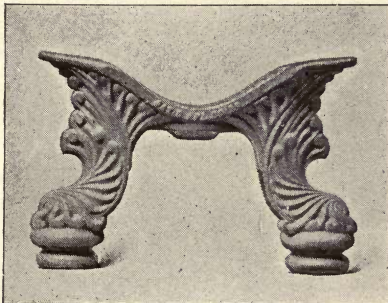
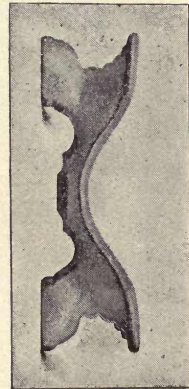
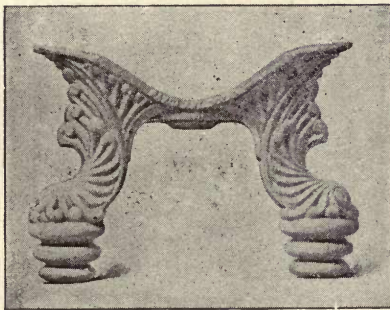
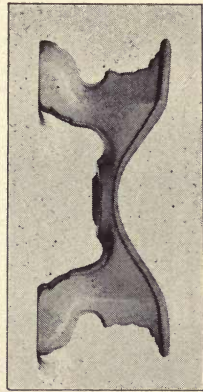
BUNDY ELITE DIRECT-INDIRECT RADIATOR.

Special advantages:

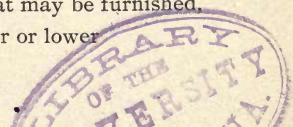
1st—No more surface is charged for than in the regular Elite Radiator, not one-half foot per section extra, as is the case with most other Sectional Direct-Indirect Radiators.

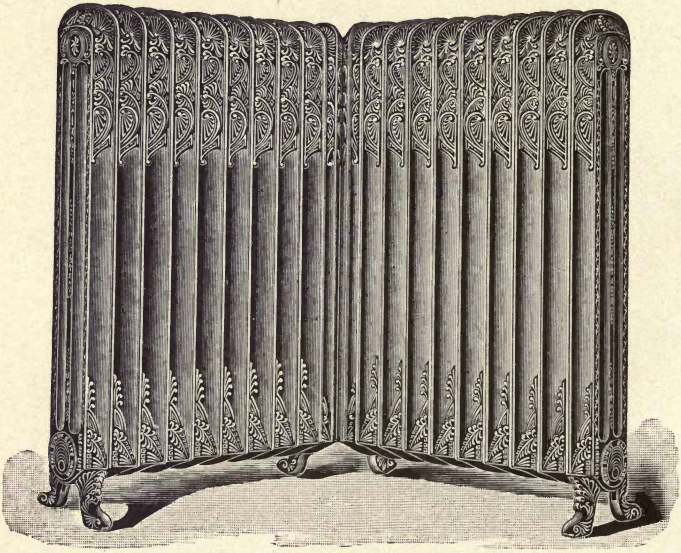
2d—All the Direct-Indirect panels are screwed together, and so can be removed at will to clean out underneath the Radiator, or for any other purpose; this advantage is possessed by no other Sectional Direct-Indirect Radiator.

3d—The Elite sections are parabolic (incurving), and the Direct-Indirect panels convex (outcurving), which gives the largest possible available opening for fresh air passage. There is  $9\frac{1}{2}$  square inches of space between each Elite section, the opening as compared with other Radiators being as 2 is to  $9\frac{1}{2}$  in favor of the Elite.



Showing the various heights of Elite Legs that may be furnished,  
making the Radiator 1" or 2" higher or lower  
than standard height.

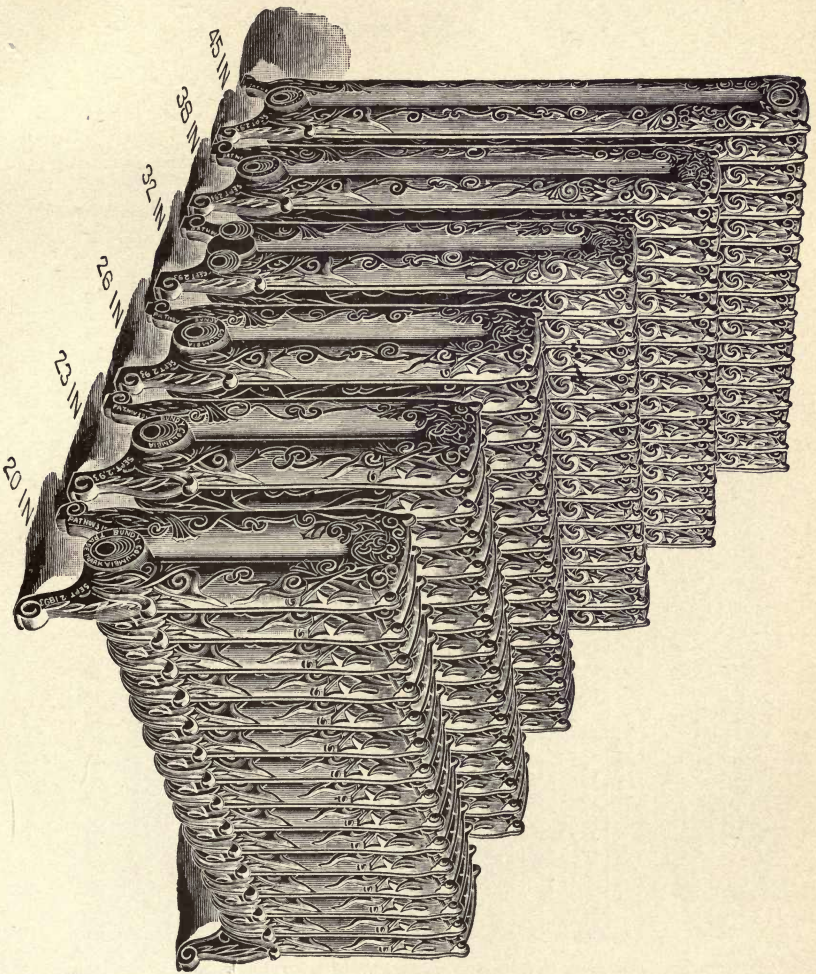




BUNDY ELITE CORNER RADIATOR.

Made for both Steam and Hot Water.

BUNDY COLUMBIA RADIATOR.



This cut illustrates at a glance the various heights in which the Bundy Columbia Radiator is made, also the different styles of tappings same end, opposite ends, or in top connection for Hot Water heating.

# Rundy Columbia Steam and Hot Water Direct Radiator.

LIST OF SIZES AND DIMENSIONS.

No. of Sec.	Length in inches.	OPENINGS.			SQUARE FT. OF HEATING SURFACE.					
		STEAM.		HOT WATER.	43" high	38" high	32" high	26" high	23" high	20" high
		1 Pipe	2 Pipe.		5 sq. ft. per Sec.	4 sq. ft. per Sec.	3 $\frac{1}{2}$ sq. ft. per Sec.	2 $\frac{1}{2}$ sq. ft. per Sec.	2 $\frac{1}{2}$ sq. ft. per Sec.	2 sq. ft. per Sec.
1	2 $\frac{1}{2}$	I	IX $\frac{3}{4}$	IXI	5	4	3 $\frac{1}{3}$	2 $\frac{2}{3}$	2 $\frac{1}{3}$	2
2	5	I	IX $\frac{3}{4}$	IXI	10	8	6 $\frac{2}{3}$	5 $\frac{1}{3}$	4 $\frac{2}{3}$	4
3	7 $\frac{1}{2}$	I	IX $\frac{3}{4}$	IXI	15	12	10	8	7	6
4	10	I	IX $\frac{3}{4}$	IXI	20	16	13 $\frac{1}{3}$	10 $\frac{2}{3}$	9 $\frac{1}{3}$	8
5	12 $\frac{1}{2}$	I	IX $\frac{3}{4}$	IXI	25	20	16 $\frac{2}{3}$	13 $\frac{1}{3}$	11 $\frac{2}{3}$	10
6	15	I $\frac{1}{4}$	IX $\frac{3}{4}$	IXI	30	24	20	16	14	12
7	17 $\frac{1}{2}$	I $\frac{1}{4}$	IX $\frac{3}{4}$	IXI	35	28	23 $\frac{1}{3}$	18 $\frac{2}{3}$	16 $\frac{1}{3}$	14
8	20	I $\frac{1}{4}$	IX $\frac{3}{4}$	IXI	40	32	26 $\frac{2}{3}$	21 $\frac{1}{3}$	18 $\frac{2}{3}$	16
9	22 $\frac{1}{2}$	I $\frac{1}{4}$	IX $\frac{3}{4}$	IXI	45	36	30	24	21	18
10	25	I $\frac{1}{4}$	IX $\frac{3}{4}$	IXI	50	40	33 $\frac{1}{3}$	26 $\frac{2}{3}$	23 $\frac{1}{3}$	20
11	27 $\frac{1}{2}$	I $\frac{1}{4}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	55	44	36 $\frac{2}{3}$	29 $\frac{1}{3}$	25 $\frac{2}{3}$	22
12	30	I $\frac{1}{4}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	60	48	40	32	28	24
13	32 $\frac{1}{2}$	I $\frac{1}{4}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	65	52	43 $\frac{1}{3}$	34 $\frac{2}{3}$	30 $\frac{1}{3}$	26
14	35	I $\frac{1}{4}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	70	56	46 $\frac{2}{3}$	37 $\frac{1}{3}$	32 $\frac{2}{3}$	28
15	37 $\frac{1}{2}$	I $\frac{1}{4}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	75	60	50	40	35	30
16	40	I $\frac{1}{2}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	80	64	53 $\frac{1}{3}$	42 $\frac{2}{3}$	37 $\frac{1}{3}$	32
17	42 $\frac{1}{2}$	I $\frac{1}{2}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	85	68	56 $\frac{2}{3}$	45 $\frac{1}{3}$	39 $\frac{2}{3}$	34
18	45	I $\frac{1}{2}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	90	72	60	48	42	36
19	47 $\frac{1}{2}$	I $\frac{1}{2}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	95	76	63 $\frac{1}{3}$	50 $\frac{2}{3}$	44 $\frac{1}{3}$	38
20	50	I $\frac{1}{2}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	100	80	66 $\frac{2}{3}$	53 $\frac{1}{3}$	46 $\frac{2}{3}$	40
21	52 $\frac{1}{2}$	I $\frac{1}{2}$	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	105	84	70	55	49	42
22	55	I $\frac{1}{2}$	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	110	88	73 $\frac{1}{3}$	58 $\frac{2}{3}$	51 $\frac{1}{3}$	44
23	57 $\frac{1}{2}$	I $\frac{1}{2}$	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	115	92	76 $\frac{2}{3}$	61 $\frac{1}{3}$	53 $\frac{2}{3}$	46
24	60	I $\frac{1}{2}$	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	120	96	80	64	56	48
25	62 $\frac{1}{2}$	I $\frac{1}{2}$	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	125	100	83 $\frac{1}{3}$	66 $\frac{2}{3}$	58 $\frac{1}{3}$	50
26	65	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	130	104	86 $\frac{2}{3}$	69 $\frac{1}{3}$	60 $\frac{2}{3}$	52
27	67 $\frac{1}{2}$	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	135	108	90	72	63	54
28	70	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	140	112	93 $\frac{1}{3}$	74 $\frac{2}{3}$	65 $\frac{1}{3}$	56
29	72 $\frac{1}{2}$	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	145	116	96 $\frac{2}{3}$	77 $\frac{1}{3}$	67 $\frac{2}{3}$	58
30	75	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	150	120	100	80	70	60
31	77 $\frac{1}{2}$	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	155	124	103 $\frac{1}{3}$	82 $\frac{2}{3}$	72 $\frac{1}{3}$	62
32	80	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	160	128	106 $\frac{2}{3}$	85 $\frac{1}{3}$	74 $\frac{2}{3}$	64

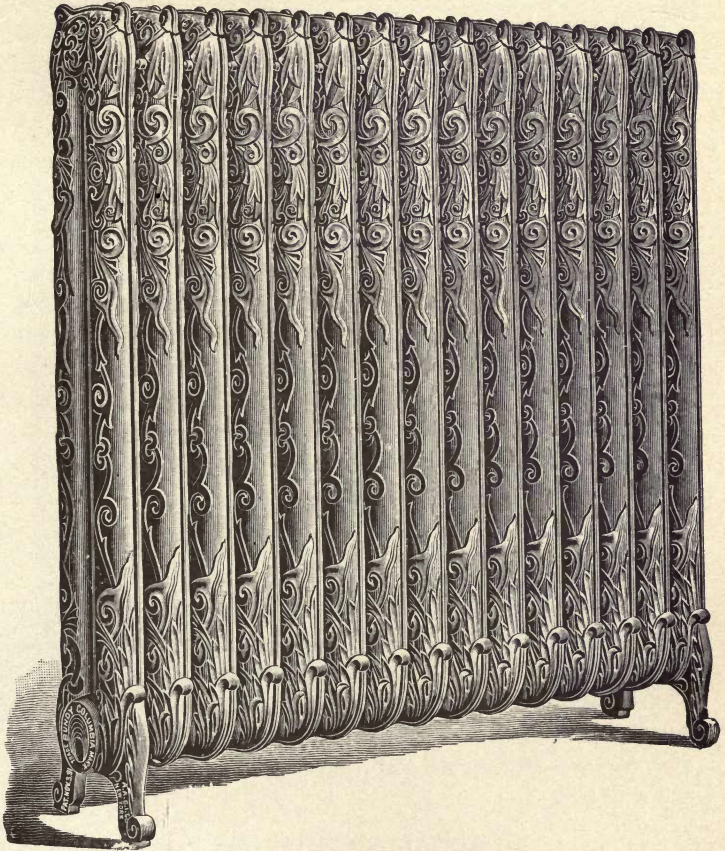
Each Section is 8 inches wide. Width of Legs, 9 inches. Radiators will be tapped right hand in accordance with the above list, unless otherwise ordered.

Radiators may be tapped for steam with feed and return at same end.

Height from floor to centre of tapping varies according to the size, and is as follows:  $\frac{3}{4}$ "— $3\frac{7}{8}$ "; 1"—4"; 1 $\frac{1}{4}$ "—4 $\frac{1}{8}$ "; 1 $\frac{1}{2}$ "—4 $\frac{1}{4}$ "; 2"—4 $\frac{1}{4}$ ".

If tapped same end the distance is about  $\frac{3}{4}$ "— $3\frac{5}{8}$ "; 1"— $3\frac{3}{4}$ "; 1 $\frac{1}{4}$ "— $3\frac{3}{8}$ ".

\* For lengths of Hot Water Radiators add 1 inch to above.



BUNDY COLUMBIA RADIATOR.

TRADE COLUMBIA MARK.

## Bundy Columbia Steam and Hot Water Direct Radiator.

The Bundy Columbia Radiator is brought out in commemoration of the Columbian year. Neither expense nor time has been spared to make it perfect in point of design, configuration and efficiency. That it will at once attain a high place among users of Radiators is assured by its being already liberally specified and used by many of the most prominent Architects and Radiator users in the country.

### DESIGN.

The Design of the Bundy Columbia Radiator is of the Byzantine type, a style of architecture that sprung into existence and was fully developed in the Byzantine Empire during the Third Century. Its leading forms are the round arch, the dome, the pillars, the circle and the cross, features which abound in the Columbia Radiator. Notable examples of this time-honored architecture are found in the Mosque of St. Sophia, Constantinople, and the Church of St. Marks, Venice.

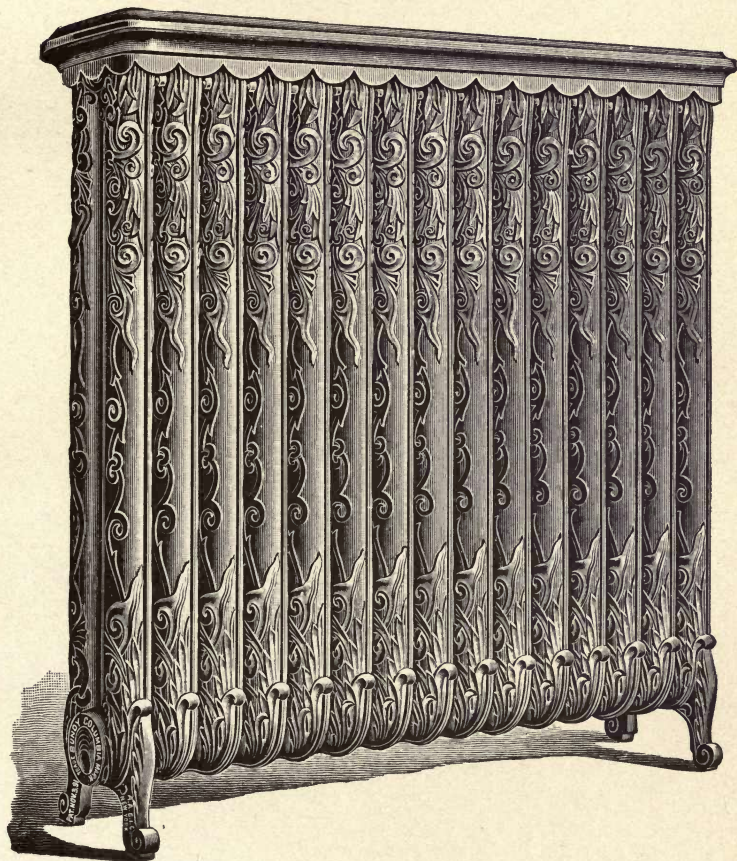
### VARIETY.

The Bundy Columbia Radiator is made for Steam with feed and return tappings at opposite or same end, or one end only for one pipe work, or for hot water at opposite end or same end with feed in the top. They are made in a full variety of heights, namely, 45", 38", 32", 26", 23" and 20", also in circles and angles to fit curves and corners; are also furnished to go under stairways and windows.

### GENERAL ADVANTAGES.

The Bundy Columbia Radiator is tested to 100 lbs. pressure to the square inch, and the nipples used in connecting the sections are carefully cut by special machinery, and are vastly superior to the stock cut nipples usually used by other concerns. With large openings between sections, and all castings smooth and uniform, the Bundy Columbia Radiator is certain to give perfect satisfaction to all users.

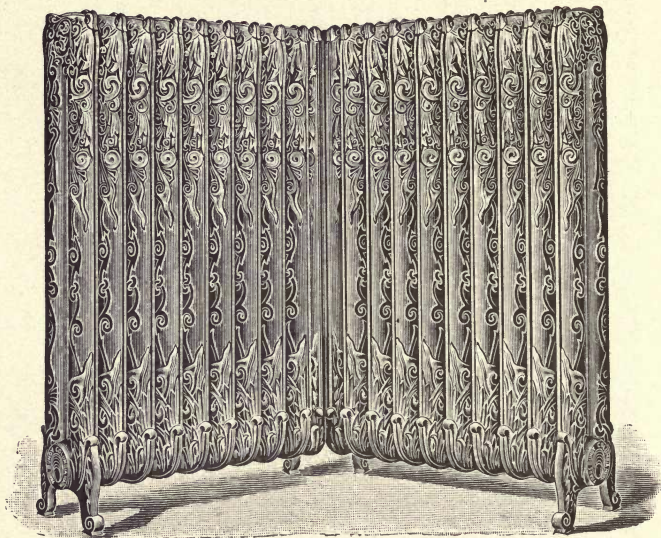




BUNDY COLUMBIA RADIATOR—WITH IRON TOP.

TRADE MARK. COLUMBIA MARK.

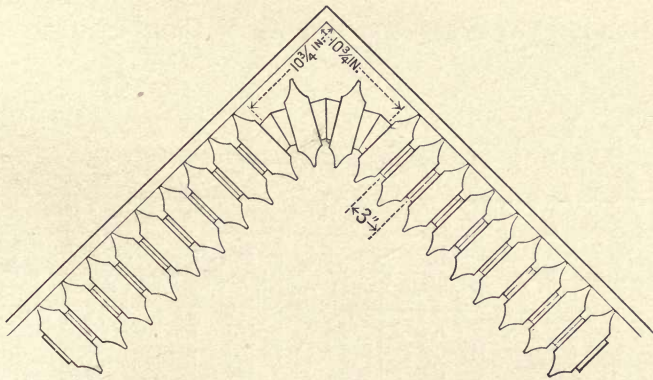




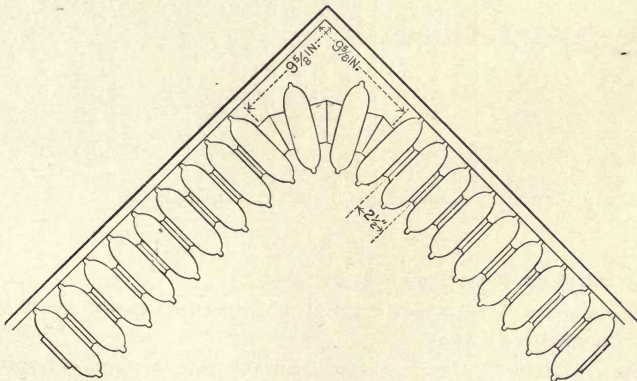
BUNDY COLUMBIA CORNER RADIATOR.

Made for both Steam and Hot Water.

TRADE COLUMBIA MARK.



BUNDY ELITE CORNER RADIATOR.



BUNDY COLUMBIA CORNER RADIATOR.

Showing distance from corner of room to first straight section in  
Corner Radiators.

## Bundy Pyro Steam and Hot Water Direct Radiator.

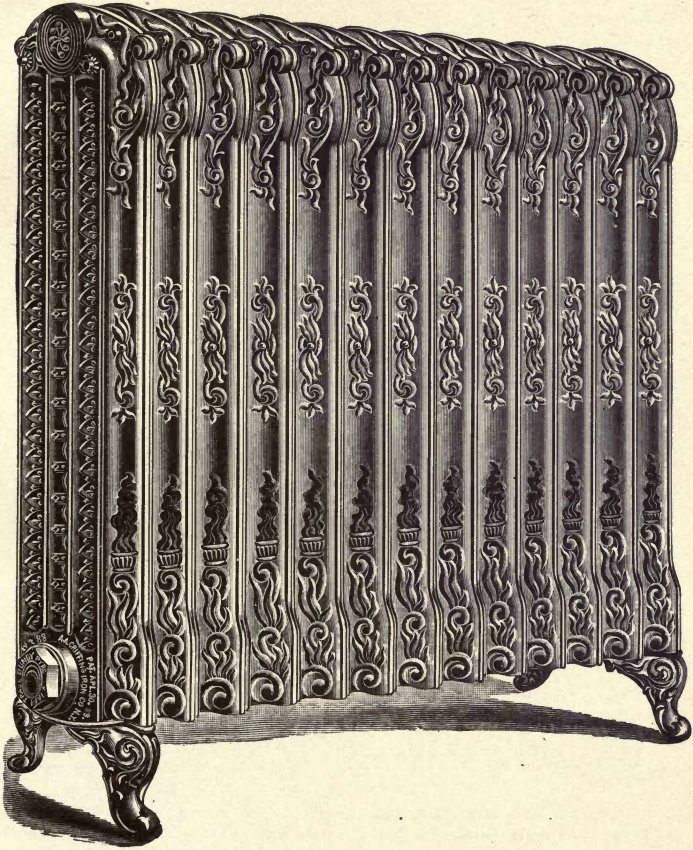
LIST OF SIZES AND DIMENSIONS.

Number of Sections.	Length in Inches.	SIZE OF TAPPING.			Square feet of Heat'g Surface. 38" high. 8 square feet per Section.
		Steam.		Hot Water.	
		One Pipe.	Two Pipes.		
1	5 $\frac{1}{8}$	I	IX $\frac{3}{4}$	IXI	8
2	9 $\frac{3}{8}$	I	IX $\frac{3}{4}$	IXI	16
3	13 $\frac{1}{8}$	I	IX $\frac{3}{4}$	IXI	24
4	16 $\frac{3}{4}$	I	IX $\frac{3}{4}$	IXI	32
5	20 $\frac{1}{8}$	I $\frac{1}{4}$	IX $\frac{3}{4}$	IXI	40
6	24 $\frac{1}{8}$	I $\frac{1}{4}$	IX $\frac{3}{4}$	IXI	48
7	27 $\frac{1}{8}$	I $\frac{1}{4}$	IX $\frac{3}{4}$	IXI	56
8	31 $\frac{1}{2}$	I $\frac{1}{4}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	64
9	35 $\frac{3}{8}$	I $\frac{1}{4}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	72
10	38 $\frac{7}{8}$	I $\frac{1}{4}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	80
11	42 $\frac{1}{8}$	I $\frac{1}{4}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	88
12	46 $\frac{1}{4}$	I $\frac{1}{2}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	96
13	49 $\frac{1}{8}$	I $\frac{1}{2}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	104
14	53 $\frac{5}{8}$	I $\frac{1}{2}$	I $\frac{1}{4}$ XI	I $\frac{1}{4}$ XI $\frac{1}{4}$	112
15	57 $\frac{1}{8}$	I $\frac{1}{2}$	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	120
16	61	I $\frac{1}{2}$	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	128
17	64 $\frac{1}{8}$	I $\frac{1}{2}$	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	136
18	68 $\frac{3}{8}$	I $\frac{1}{2}$	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	144
19	72 $\frac{1}{8}$	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	152
20	75 $\frac{3}{4}$	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	160
21	79 $\frac{1}{8}$	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	168
22	83 $\frac{1}{8}$	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	176
23	86 $\frac{3}{8}$	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	184
24	90 $\frac{1}{2}$	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	192
25	94 $\frac{3}{8}$	2	I $\frac{1}{2}$ XI $\frac{1}{4}$	I $\frac{1}{2}$ XI $\frac{1}{2}$	200

Width of legs and sections both 10 inches.

Radiators will be tapped Right Hand in accordance with above list unless otherwise ordered.

Distance from floor to center of tapping varies according to size of tapping, as follows:  $\frac{3}{4}$ "-4 $\frac{3}{8}$ ", 1"-5", 1 $\frac{1}{4}$ "-5 $\frac{3}{8}$ ", 1 $\frac{1}{2}$ " and 2"-5 $\frac{1}{8}$ ". This is because they are tapped eccentric to allow perfect drainage of water from the Radiator.



BUNDY PYRO RADIATOR.

The Bundy Pyro Radiator is specially designed for use where space in length is limited. Having 8 square feet of surface per section, much surface can be put in a short space.

The design of the Pyro Radiator, as its name implies, is typical of fire, representing, as it does, a census pot from which fire and smoke is shown rising, making a very handsome Radiator, and one capable of very elaborate decoration.

## Bundy Pyro Wall Steam and Hot Water Direct Radiator.

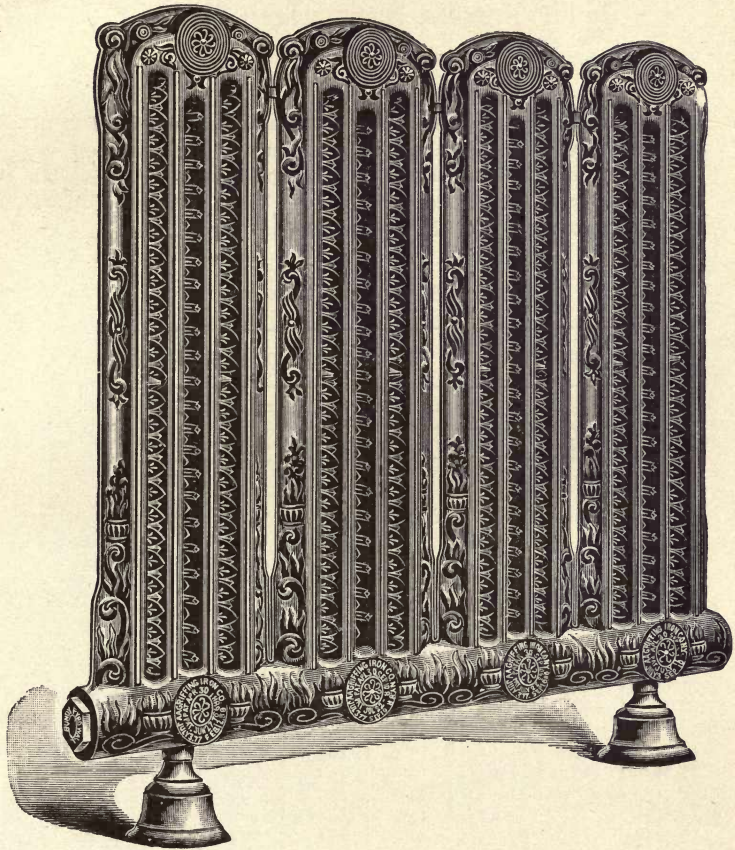
LIST OF SIZES AND DIMENSIONS.

Number of Sections.	Length in inches.	SIZE OF TAPPINGS.			Sq. ft. per Sec. 38" high 8 sq.ft.per Sec.
		STEAM.		Hot Water.	
		One Pipe.	Two Pipes.		
I	11 $\frac{1}{2}$	I	IX $\frac{3}{4}$	IXI	8
2	21 $\frac{3}{4}$	I	IX $\frac{3}{4}$	IXI	16
3	32	I	IX $\frac{3}{4}$	IXI	24
4	42 $\frac{1}{4}$	I	IX $\frac{3}{4}$	IXI	32
5	52 $\frac{1}{2}$	I $\frac{1}{4}$	IX $\frac{3}{4}$	IXI	40
6	62 $\frac{3}{4}$	I $\frac{1}{4}$	IX $\frac{3}{4}$	IXI	48
7	73	I $\frac{1}{4}$	IX $\frac{3}{4}$	IXI	56
8	83 $\frac{1}{4}$	I $\frac{1}{4}$	I $\frac{1}{4}$ X	I $\frac{1}{4}$ XI $\frac{1}{4}$	64
9	93 $\frac{1}{2}$	I $\frac{1}{4}$	I $\frac{1}{4}$ X	I $\frac{1}{4}$ XI $\frac{1}{4}$	72
10	103 $\frac{3}{4}$	I $\frac{1}{4}$	I $\frac{1}{4}$ X	I $\frac{1}{4}$ XI $\frac{1}{4}$	80
11	114	I $\frac{1}{4}$	I $\frac{1}{4}$ X	I $\frac{1}{4}$ XI $\frac{1}{4}$	88
12	124 $\frac{1}{4}$	I $\frac{1}{2}$	I $\frac{1}{4}$ X	I $\frac{1}{4}$ XI $\frac{1}{4}$	96

This Radiator is furnished with two sizes of legs, one 5" in diameter and the other 5" diameter with 1" cut off the rear side so the Radiator may sit closer to the wall. In ordering specify the size of leg that is wanted otherwise the 5" diameter leg first above mentioned will be sent.

Radiators will be tapped Right Hand in accordance with the above list unless otherwise ordered.

Distance from floor to centre of tapping is 5 $\frac{1}{8}$ ". When Radiators are tapped 1 $\frac{1}{2}$ " deduct 1 $\frac{1}{2}$ " from total length of Radiator.



BUNDY PYRO WALL RADIATOR.

This is the narrowest Radiator in the world, being but 3" wide, scarcely wider than a pipe coil when the wood strip, brackets, etc., used with coils are taken into account.

The above cut shows the Steam Radiator. For Hot Water each section is connected at the top similar to the bottom.

## Bundy Princess Steam Direct Radiator.

The Bundy Princess Radiator has a series of vertical fins or projections on all sections excepting the outside side of the end or leg section, where a handsome scroll design is placed. When built up the edges of the fins approach each other, coming so close together as to form flues through which the air circulates.

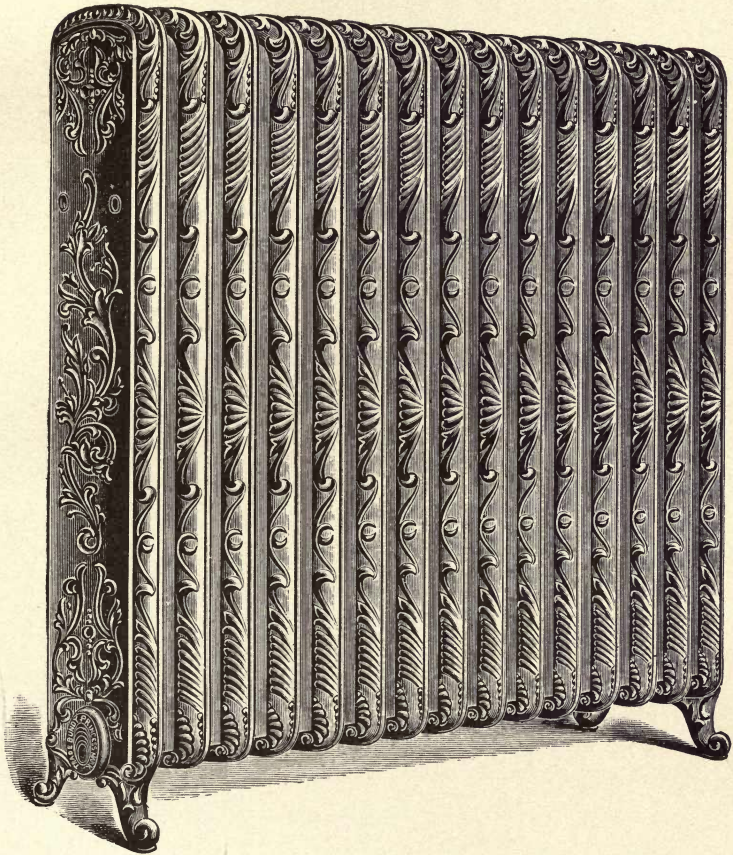
### LIST OF SIZES AND DIMENSIONS.

NUMBER OF SECTIONS.	LENGTH IN INCHES.	OPENINGS.		SQUARE FEET OF HEATING SURFACE.				
		STEAM.		45 in. high. 9 sq. ft. per Sec.	38 in. high. 7½ sq. ft. per Sec.	31 in. high. 6 sq. ft. per Sec.	25 in. high. 4¾ sq. ft. per Sec.	20 in. high. 3⅝ sq. ft. per Sec.
		1 Pipe.	2 Pipe.					
1	21½	I	I X ¾	9	7½	6	4¾	3⅝
2	5⅞	I	I X ¾	18	15	12	9½	7⅓
3	8⅞	I	I X ¾	27	22½	18	14¼	11
4	10¾	I	I X ¾	36	30	24	19	14⅔
5	13⅞	1¼	I X ¾	45	37½	30	23¾	18⅓
6	16⅞	1¼	I X ¾	54	45	36	28½	22
7	18⅞	1¼	I X ¾	63	52½	42	33¼	25⅔
8	21½	1¼	1¼ X I	72	60	48	38	29⅓
9	24⅞	1¼	1¼ X I	81	67½	54	42¾	33
10	26⅞	1¼	1¼ X I	90	75	60	47½	36⅔
11	29⅞	1¼	1¼ X I	99	82½	66	52¼	40⅓
12	32¼	1½	1¼ X I	108	90	72	57	44
13	34⅞	1½	1¼ X I	117	97½	78	61¾	47⅔
14	37⅞	1½	1¼ X I	126	105	84	66½	51⅓
15	40⅞	1½	1½ X 1¼	135	112½	90	71¼	55
16	43	1½	1½ X 1¼	144	120	96	76	58⅔
17	45½	1½	1½ X 1¼	153	127½	102	80¾	62⅓
18	48⅞	1½	1½ X 1¼	162	135	108	85½	66
19	51⅞	2	1½ X 1¼	171	142½	114	90¼	69⅔
20	53¾	2	1½ X 1¼	180	150	120	95	73⅓
21	56⅞	2	1½ X 1¼	189	157½	126	99¾	77
22	59⅞	2	1½ X 1¼	198	165	132	104½	80⅔
23	61⅞	2	1½ X 1¼	207	172½	138	109¼	84⅓
24	64½	2	1½ X 1¼	216	180	144	114	88
25	67⅞	2	1½ X 1¼	225	187½	150	118¾	91⅔

Right hand tappings in accordance with the above list will be furnished unless otherwise specified.

Each Section is 8⅝ inches wide. Width of legs 9¼ inches. Heights from floor to center of tappings vary, according to their size, as they are tapped excentric to insure perfect drainage, and are as follows: ¾"—3¾ inches; 1"—3⅞ inches; 1¼"—4 inches; 1½"—4⅞ inches; 2"—4⅞ inches,





BUNDY PRINCESS RADIATOR.

TRADE PRINCESS MARK.

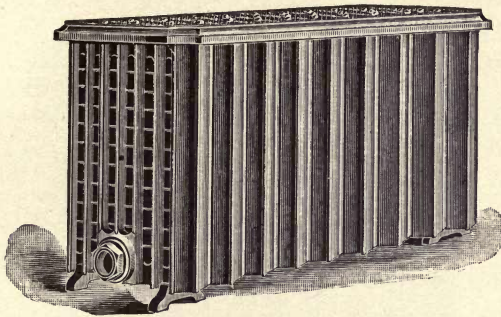
## Bundy Defiance Steam and Hot Water Direct Radiator.

This Radiator exactly meets the requirements of the Bay Window, where parties desire one that will fit the angles under the window, occupy a minimum of space and throw the heat against the point of greatest exposure, the glass surface in the bay window.

This Radiator can be had to fit a circular as well as an angular bay window, and when surmounted with one of our Marble Tops it presents an appearance of fitness of things that is very desirable. Some bay window rooms absolutely cannot be comfortably warmed without putting the Radiator in the bay window.

In ordering this Radiator, parties should send a drawing showing the shape of the space the Radiator is to go in, and be particular about giving correct information, so that there will be no mistake.

For price add \$1.50 per section to list prices found on following page. Tapping same as regular Defiance Radiators.



BUNDY DEFIANCE RADIATOR.

MADE FOR STEAM AND HOT WATER.

TRADE DEFIANCE MARK.

Made in 25 different lengths (from 4" to 100"), 21 different heights (from 13½" to 23½"). Two distinct sizes of sections (8" deep × 13" high and 11" deep × 18" high exclusive of legs).

STEAM.					HOT WATER.			
Size of Sections without legs.	* Height of Radiators in inches.	Feet of Htg S'ce	List Price per. Sec.	List Price per Foot.	* Height of Radiators in in. hes.	Feet of Htg S'ce	List Price per Sec.	List Price per Foot.
11" × 18"	18½, 19, 19½ 20, 20½, 21, 21½, 22, 22½ 23 and 23½.	7	\$6.30	\$0.90	18½, 19, 19½ 20, 20½, 21, 21½, 22, 22½ 23 and 23½.	7	\$6.83	\$0.97½
8" × 13"	13½, 14, 14½ 15, 15½, 16, 16½, 17, 17½ 18 and 18½.	4	\$4.20	\$1.05	13½, 14, 14½ 15, 15½, 16, 16½, 17, 17½ 18 and 18½.	4	\$4.60	\$1.15

**TAPPING.**—Any size, Right or Left Hand, opposite or same ends, or one end only for One Pipe Work and always eccentric.

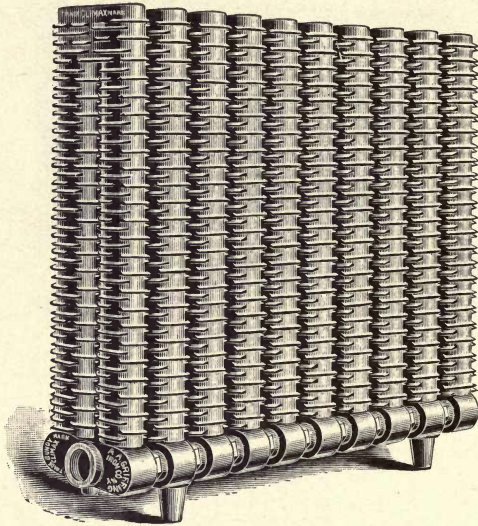
Any size, Right or Left Hand, same or opposite ends or in Upper Circulating Connection, on same or opposite ends, and always eccentric.

Regular Tapping, 1" × ¾" R. H.

Regular Tapping, 1¼" × 1¼" R. H.

\* Difference in heights caused by using legs of varying heights

To compute lengths of Radiators multiply the number of sections by 4" and add 2" for two bushings and the result will be length in inches. In other words, the sections are exactly 4" thick, but when built into Radiators aushing is screwed into both ends, which increases the length of the radiator 2".



BUNDY CLIMAX VERTICAL DIRECT RADIATOR.

THIRTY-NINE INCHES HIGH, STEAM.

Each section represents 13 Square Feet of Heating Surface.

LIST OF SIZES AND DIMENSIONS.

No. of Sections, } Ft. of H't'g } Surface, } Lengths } in inches, }	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	26	39	52	65	78	91	104	117	130	143	156	169	182	195
	9½	13½	17½	21½	25½	29½	33½	37½	41½	45½	49½	53½	57½	61½

Regular tapping 2" x 1½" R. H. opposite ends, which will be furnished unless otherwise ordered, but other size tappings may be had up to 2½" if wanted.

Sections will be furnished loose with the necessary nipples to build into stacks or built up ready for connecting to steam pipes and, unless otherwise ordered, will always be sent built up.

## Bundy Perfect Window Direct Steam Radiator.

The Bundy Perfect Window Direct Steam Radiator is made from sections 36, 29, 23 and 19 inches long, and are supplied with detachable legs 1 or 2 inches high. When no height of leg is mentioned in orders the 1-inch leg will be furnished. To get the total height of Radiator add to the length of section the height of leg used.

The amount of surface in the Bundy Perfect Window Direct Radiator is the same as in the Bundy Perfect Indirect Radiator, but please to bear in mind that the height of Radiator is 1 or 2 inches more than there given for length of sections on account of the legs.

The Bundy Perfect Window Radiator is specially desirable for use where the greatest amount of surface is wanted in the smallest possible space. They are usually placed in recesses under windows and set back of brass or cast iron screens.

For heating factories, warehouses, etc., the screens are sometimes omitted.

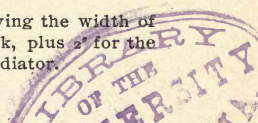
### LIST OF SIZES AND DIMENSIONS OF BUNDY PERFECT WINDOW DIRECT RADIATORS.

NUMBER OF SECTIONS	LENGTH OF STACK	TWO PIPE OPENINGS SUPPLY AND RETURN.	SQ. FEET OF HEATING SURFACE.			
			37 in. long 15 sq. ft. per Sec.	30 in. long 12½ sq. ft. per Sec.	24 in. long 10 sq. ft. per Sec.	20 in. long 8 sq. ft. per Sec.
1	5½"	1¼ × 1	15	12½	10	8
2	9"	1¼ × 1	30	25	20	16
3	12½"	1¼ × 1	45	37½	30	24
4	16"	1½ × 1¼	60	50	40	32
5	19½"	1½ × 1¼	75	62½	50	40
6	23"	1½ × 1¼	90	75	60	48
7	26½"	1½ × 1¼	105	87½	70	56
8	30"	1½ × 1¼	120	100	80	64
9	33½"	1½ × 1¼	135	112½	90	72
10	37"	1½ × 1¼	150	125	100	80
11	40½"	1½ × 1¼	165	137½	110	88
12	44"	1½ × 1¼	180	150	120	96
13	47½"	1½ × 1¼	195	162½	130	104
14	51"	1½ × 1¼	210	175	140	112
15	54½"	1½ × 1¼	225	187½	150	120
16	58"	1½ × 1¼	240	200	160	128

Depth of Radiator or section, 9½ inches.

Radiators will be furnished tapped in accordance with above list unless otherwise specified.

Length of stack refers to total length found by multiplying the width of one section (3½") by the number of sections in the stack, plus 2" for the eccentric tapped bushings used, one in each end of the Radiator.



## Special Advantages of the Bundy Climax Indirect Radiator.

1st. **POSITIVE CIRCULATION.** The Bundy Climax Indirect Radiator is made on the principal of a box coil and cannot help but circulate positively and uniformly, as the steam or water after entering one opening cannot pass out the other without traveling the full length of each section twice.

2d. **SUPERIOR CONSTRUCTION.** All joints are made with heavy screw threaded nipples, and unlike most other Indirect Radiators the Bundy Climax may be had already built up into stacks instead of being furnished in component parts, to be put together by the steam fitter. All sections are tested at 100 lbs. pressure to the square inch twice, once before the building operation and once after.

3d. **GREATER EFFICIENCY.** The sections are elliptical in form instead of circular, thereby giving more surface and larger interior openings. The two barrels of each section slant towards the return opening, allowing the water to pass out on gravity action.

4th. **ALL SECTIONS ARE DUPLICATES.** Any section may be used as an intermediate or end section. It has more plain and less extended surface than most Indirect Radiators; hence greater efficiency of from 15 to 40 per cent. Architects and owners desiring this Radiator will please specify the "BUNDY CLIMAX INDIRECT RADIATOR."

### DATA FOR BUNDY CLIMAX HOT WATER OR STEAM INDIRECT RADIATOR.

Sections in Stack.	Feet of Heating Surface.	OPENINGS.		* Length of Stack.	Height of Stack.	† Width of Stack.
		Steam.	Hot Water.			
Number.	Sq. Feet	Inches.	Inches.	Inches.	Inches.	† Inches.
1	13	$1\frac{1}{4} \times 1$	$1\frac{1}{4} \times 1\frac{1}{4}$	5½	11	36
2	26	$1\frac{1}{4} \times 1$	$1\frac{1}{4} \times 1\frac{1}{4}$	9	11	36
3	39	$1\frac{1}{4} \times 1$	$1\frac{1}{4} \times 1\frac{1}{4}$	12½	11	36
4	52	$1\frac{1}{2} \times 1\frac{1}{4}$	$1\frac{1}{2} \times 1\frac{1}{2}$	16	11	36
5	65	$1\frac{1}{2} \times 1\frac{1}{4}$	$1\frac{1}{2} \times 1\frac{1}{2}$	19½	11	36
6	78	$1\frac{1}{2} \times 1\frac{1}{4}$	$1\frac{1}{2} \times 1\frac{1}{2}$	23	11	36
7	91	$1\frac{1}{2} \times 1\frac{1}{4}$	$1\frac{1}{2} \times 1\frac{1}{2}$	26½	11	36
8	104	$1\frac{1}{2} \times 1\frac{1}{4}$	$1\frac{1}{2} \times 1\frac{1}{2}$	30	11	36
9	117	$1\frac{1}{2} \times 1\frac{1}{4}$	$1\frac{1}{2} \times 1\frac{1}{2}$	33½	11	36
10	130	$1\frac{1}{2} \times 1\frac{1}{4}$	$1\frac{1}{2} \times 1\frac{1}{2}$	37	11	36
11	143	$1\frac{1}{2} \times 1\frac{1}{4}$	$1\frac{1}{2} \times 1\frac{1}{2}$	40½	11	36
12	156	$1\frac{1}{2} \times 1\frac{1}{4}$	$1\frac{1}{2} \times 1\frac{1}{2}$	44	11	36
13	169	$1\frac{1}{2} \times 1\frac{1}{4}$	$1\frac{1}{2} \times 1\frac{1}{2}$	47½	11	36
14	182	$1\frac{1}{2} \times 1\frac{1}{4}$	$1\frac{1}{2} \times 1\frac{1}{2}$	51	11	36
15	195	$1\frac{1}{2} \times 1\frac{1}{4}$	$1\frac{1}{2} \times 1\frac{1}{2}$	54½	11	36

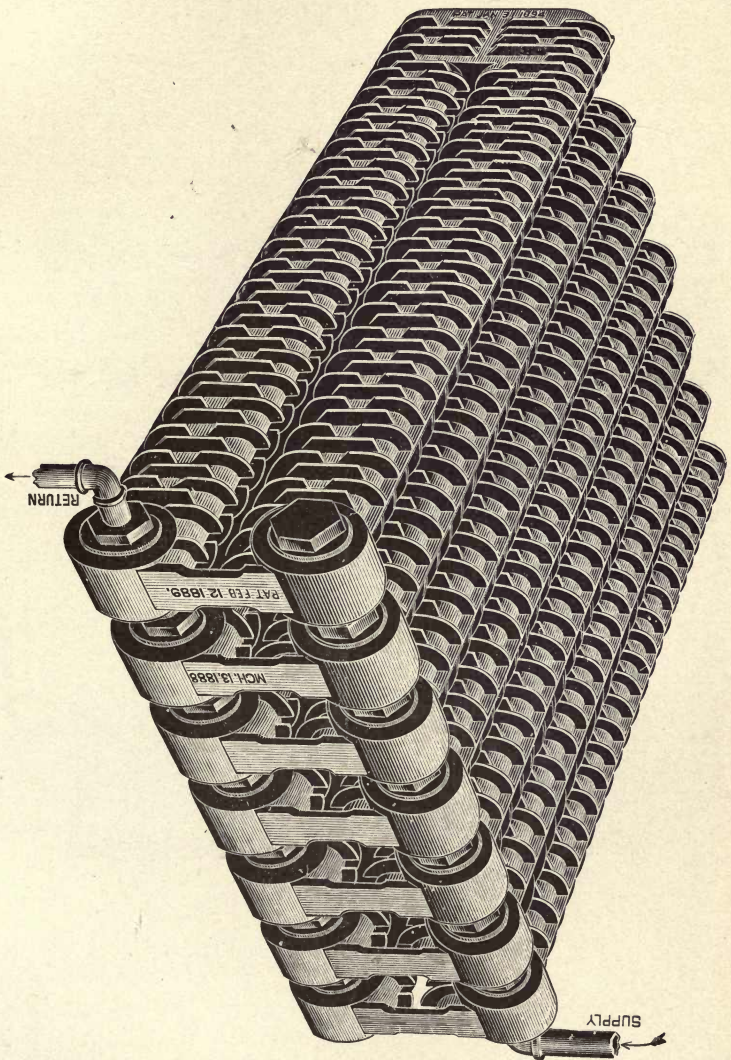
Radiators will be tapped Right Hand in accordance with above list, unless otherwise ordered.

\* Length of stack refers to the total length found by multiplying the width of one section ( $3\frac{1}{2}$ " ) by the number of sections in the stack, plus 2' for two eccentric tapped bushings, used one at each end of the stack.

These figures may vary a trifle owing to the fact that some fitters will draw the sections closer together than others in building them up, but the above is a fair average.

† Width of stack refers to the length of the sections.

BUNDY CLIMAX INDIRECT RADIATOR STACK.



TRADE CLIMAX MARK.

## Bundy Climax Hot Water and Steam Indirect Radiator.

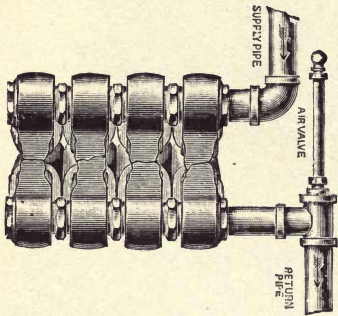


FIG. 27 A.

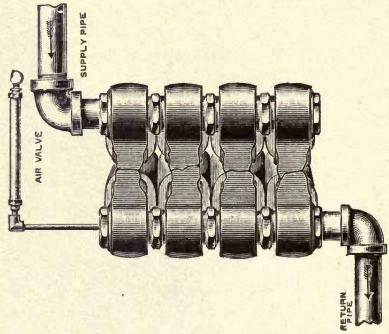


FIG. 27 B.

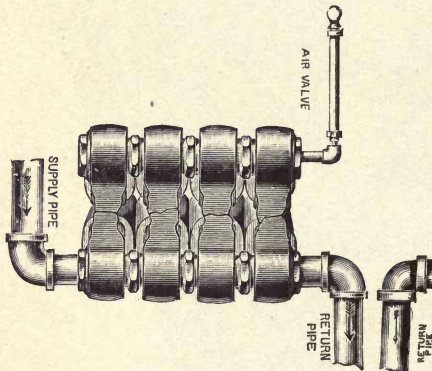


FIG. 27 C.

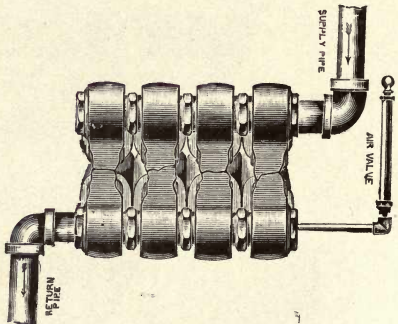
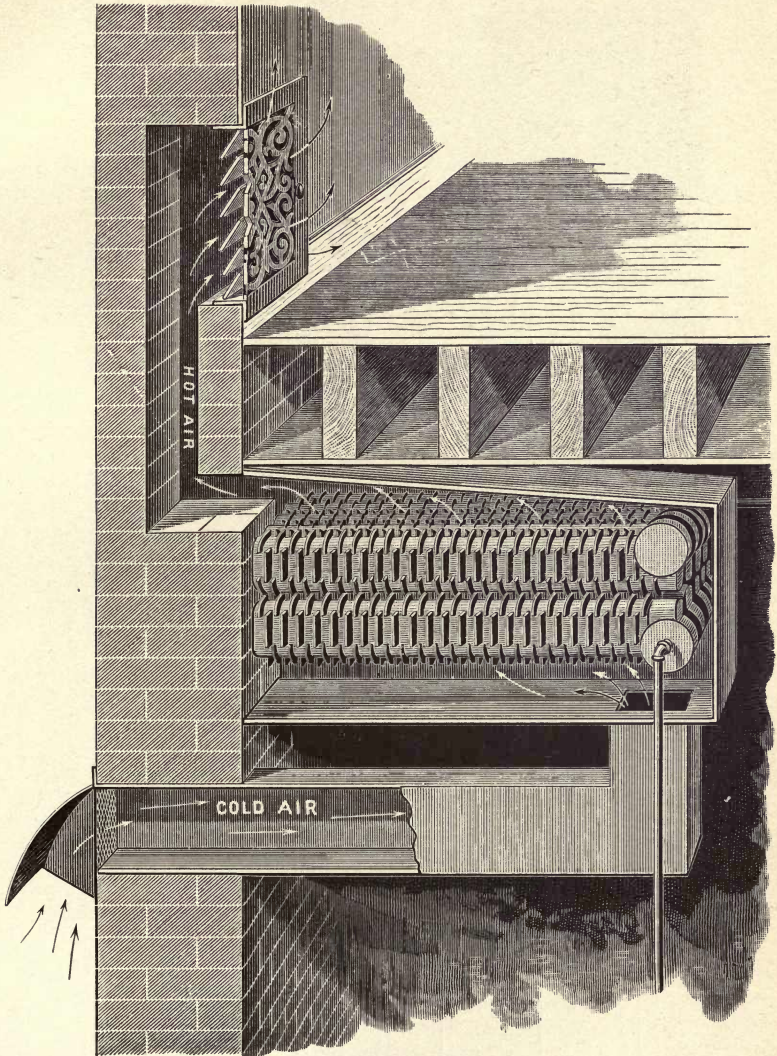


FIG. 27 D.

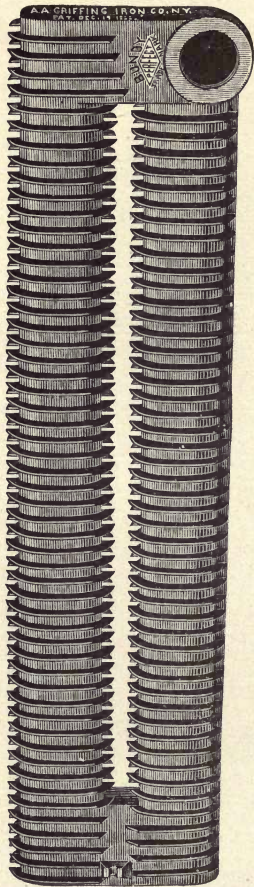
The above cuts show where the air valve should be placed on the Bundy Climax Indirect Radiator. They all represent end views of stacks, and the supply and the return pipes and air valves are easily distinguished.





### BUNDY CLIMAX HOT WATER AND STEAM INDIRECT RADIATOR.

This shows the arrangement of the Bundy Climax Indirect Radiator with cold air inlet and hot air outlet. An excellent Radiator for both Hot Water and Steam is the Climax, in fact, for Hot Water heating it leads all others, and can be used in a combination apparatus with both Steam and Hot Water with perfect satisfaction,



### BUNDY PERFECT STEAM INDIRECT RADIATOR SECTION.

The Bundy Perfect Steam Indirect Radiator is absolutely positive in its circulation, has but one connection between sections, and that a screw-thread connection, no packings, bolts or rods being used anywhere, and all sections are duplicates, so any may be used as an intermediate or end section, a fact much appreciated by the steam fitter. All sections are tested to 100 lbs. pressure.

Made into stacks varying in size from 1 to 16 sections, representing from 15 to 240 square feet of surface.

Are furnished in sections loose, with nipples, plugs and bushings to build into stacks, or in stacks already made up.

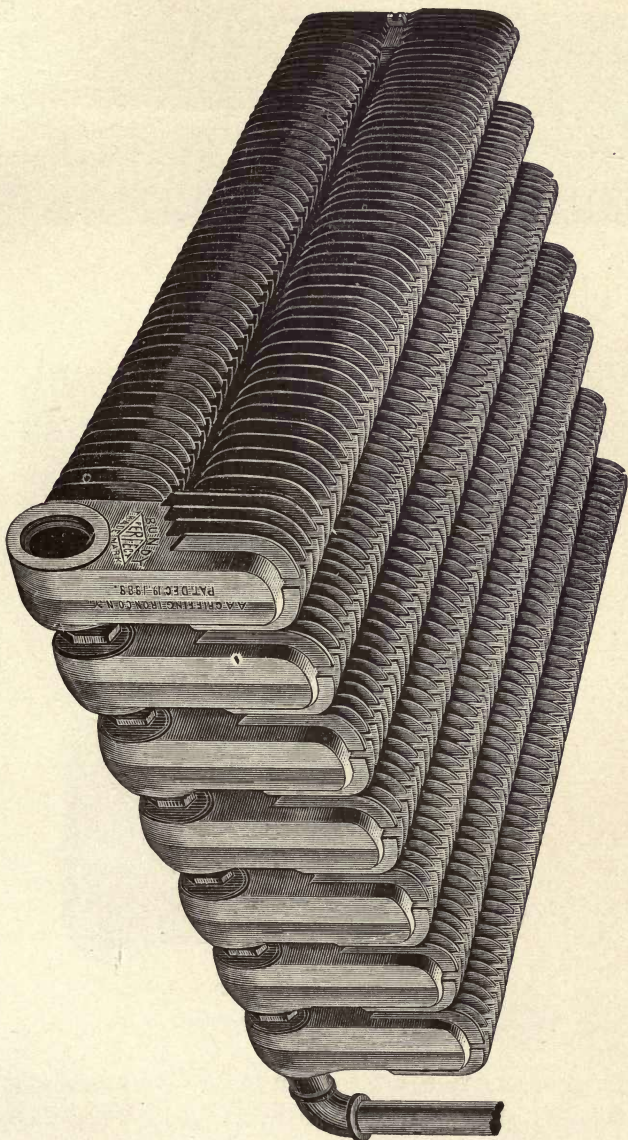
Radiators will be furnished Right Hand in accordance with accompanying list unless otherwise ordered.

Length of stack refers to the total length found by multiplying the width of one section ( $3\frac{1}{2}$ " by the number of sections in the stack, plus 2" for the eccentric tapped bushings used, one at each end of the stack.

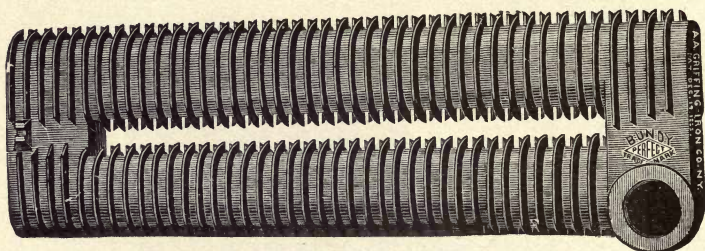
LIST OF SIZES AND DIMENSIONS OF BUNDY PERFECT INDIRECT RADIATOR.

Number of Sections	Length of Stack.	Two Pipe Openings Supply and Return.	SQ. FEET OF HEATING SURFACE.			
			36 in. long 15 sq. ft. per Sec.	29 in. long $12\frac{1}{2}$ sq. ft. per Sec.	23 in. long 10 sq. ft. per Sec.	19 in. long 8 sq. ft. per Sec.
1	5 $\frac{1}{2}$ "	1 $\frac{1}{4}$ X 1	15	12 $\frac{1}{2}$	10	8
2	9"	1 $\frac{1}{4}$ X 1	30	25	20	16
3	12 $\frac{1}{2}$ "	1 $\frac{1}{4}$ X 1	45	37 $\frac{1}{2}$	30	24
4	16"	1 $\frac{1}{2}$ X 1 $\frac{1}{4}$	60	50	40	32
5	19 $\frac{1}{2}$ "	1 $\frac{1}{2}$ X 1 $\frac{1}{4}$	75	62 $\frac{1}{2}$	50	40
6	23"	1 $\frac{1}{2}$ X 1 $\frac{1}{4}$	90	75	60	48
7	26 $\frac{1}{2}$ "	1 $\frac{1}{2}$ X 1 $\frac{1}{4}$	105	87 $\frac{1}{2}$	70	56
8	30"	1 $\frac{1}{2}$ X 1 $\frac{1}{4}$	120	100	80	64
9	33 $\frac{1}{2}$ "	1 $\frac{1}{2}$ X 1 $\frac{1}{4}$	135	112 $\frac{1}{2}$	90	72
10	37"	1 $\frac{1}{2}$ X 1 $\frac{1}{4}$	150	125	100	80
11	40 $\frac{1}{2}$ "	1 $\frac{1}{2}$ X 1 $\frac{1}{4}$	165	137 $\frac{1}{2}$	110	88
12	44"	1 $\frac{1}{2}$ X 1 $\frac{1}{4}$	180	150	120	96
13	47 $\frac{1}{2}$ "	1 $\frac{1}{2}$ X 1 $\frac{1}{4}$	195	162 $\frac{1}{2}$	130	104
14	51"	1 $\frac{1}{2}$ X 1 $\frac{1}{4}$	210	175	140	112
15	54 $\frac{1}{2}$ "	1 $\frac{1}{2}$ X 1 $\frac{1}{4}$	225	187 $\frac{1}{2}$	150	120
16	58"	1 $\frac{1}{2}$ X 1 $\frac{1}{4}$	240	200	160	128

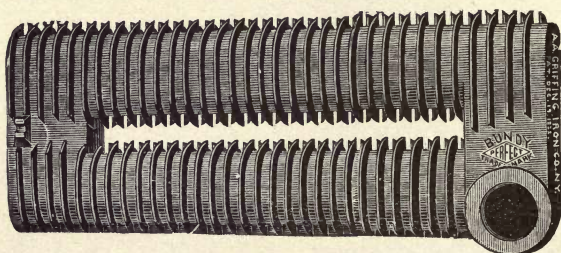
BUNDY PERFECT INDIRECT RADIATOR.



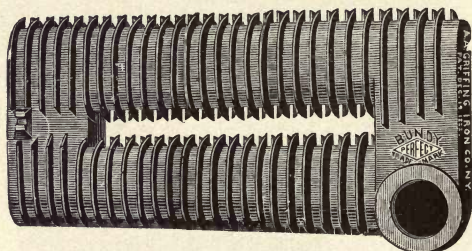
TRADE PERFECT MARK.



BUNDY PERFECT INDIRECT, 29 INCHES LONG.  
12½ square feet per section.



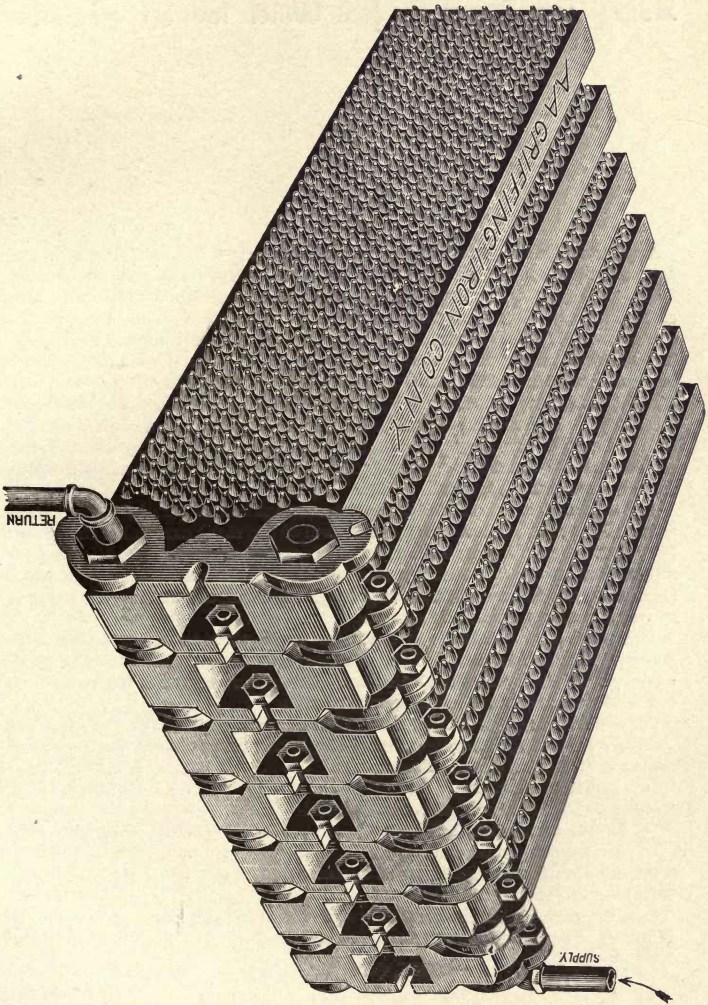
PERFECT INDIRECT, 23 INCHES LONG.  
10 square feet per section.



PERFECT INDIRECT, 19 INCHES LONG.  
8 square feet per section.

The Bundy Perfect Indirect Radiator is the only sectional Indirect Radiator made in a variety of lengths. The two lobes or barrels are elliptical and not circular in form, giving more space for easy circulation. The fins are set staggered so that the air in passing is sure to be thoroughly heated,

BUNDY PIN INDIRECT RADIATOR STACK—GASKET CONNECTED.



Has 10 square feet per Section.  
Made for Steam and Hot Water.

TRADE BUNDY MARK.



## Bundy Pin Steam or Hot Water Indirect Radiator.

Appreciating the advantages an end-connected Indirect Radiator has over one that is centre-connected, we confidently claim that the Bundy "Pin" Indirect Radiator is from fifteen to twenty-five per cent. more efficient than any other Radiator of this class. The connection being at the end is out of the way of the air circulation, and does not impede it in passing through the Radiator, as is the case where it is in the centre. At the same time the connections are all where they can be easily gotten at. The Bundy "Climax" and Bundy "Perfect" Indirect Radiators are also end-connected. The friction of the air coming in contact with a centre-connection not only is very great, on account of the air current being divided, but also the centre connection greatly reduces the size of the available space for the air to pass through.

It is also a noticable fact that the connections in the Bundy "Pin" Indirect Radiators are below the general level of the stack and so all the water in the Radiator will pass out on gravity action, which advantage is further augmented by the fact that the openings between the sections are of large size. All these features insure positive and noiseless circulation, the absence of water hammer and of air pockets.

This is the only Pin Indirect Radiator made that is put together with screw-thread connection, and the advantage of such construction in point of durability, freedom from leaks, and consequent expense for repairs is too well known to require any comment here.

Parties desiring this Radiator will please specify or call for "*Bundy Pin Indirect Radiator*," stating whether nipple or gasket connection is wanted.

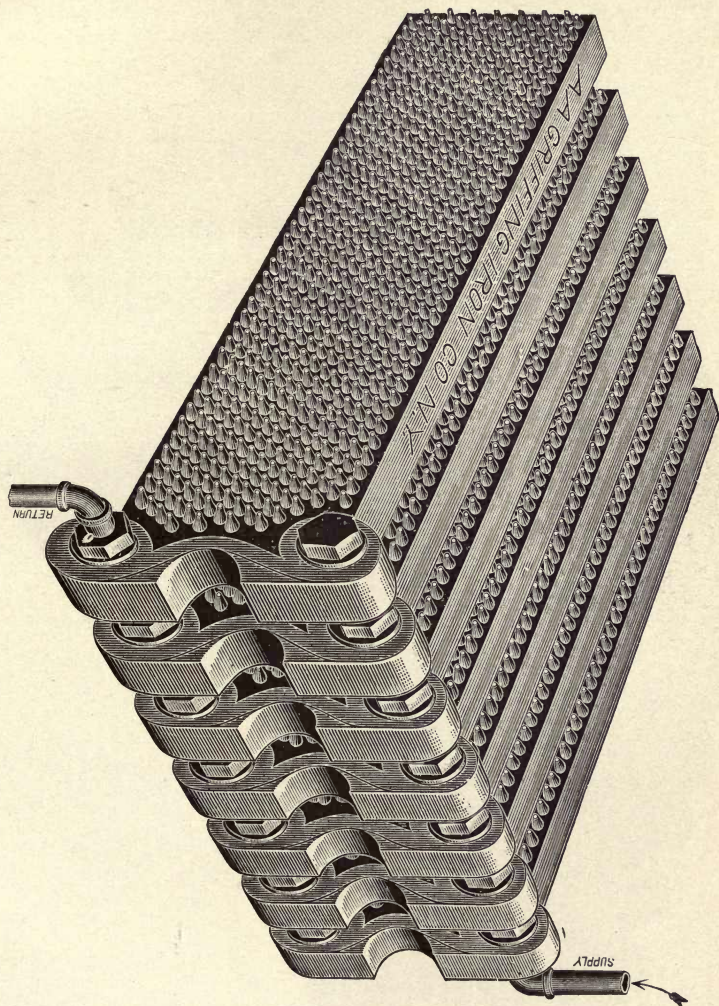
Number of Pins on each Radiator, . . . . .	1238 Pins.
Total length of Radiator, . . . . .	36 inches long.
Total height of Radiator at connected end—	
Nipple connected Radiator, . . . . .	9½ inches high.
Gasket connected Radiator, . . . . .	11¼ inches high.
Total height of either Radiator at opposite end, . . . . .	7½ inches high.
Total thickness of Radiators, . . . . .	2¾ inches thick.
Space between Radiators after they are placed in position, . . . . .	¼ to ⅜ inches.
Number of square feet of surface, per section, . . . . .	10 square feet.

### SIZE OF TAPPINGS.

	STEAM.	HOT WATER.
Less than four sections . . . . .	1¼ x 1 inch.	1¼ x 1¼ inch.
Four sections and larger, . . . . .	1½ x 1¼ inch.	1½ x 1½ inch.

Radiators will be tapped Right Hand in accordance with above list unless otherwise ordered.

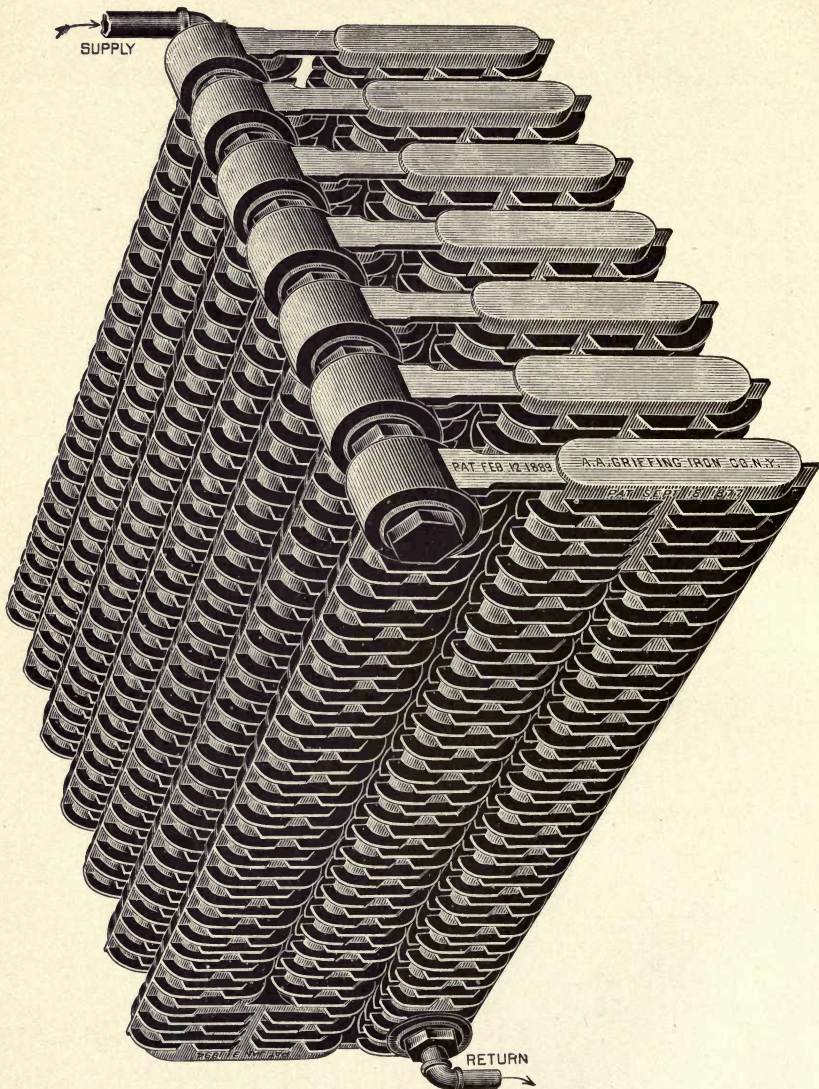
BUNDY PIN INDIRECT RADIATOR STACK—NIPPLE CONNECTION.



Has 10 square feet per Section.

MADE FOR STEAM AND HOT WATER.

TRADE BUNDY MARK.

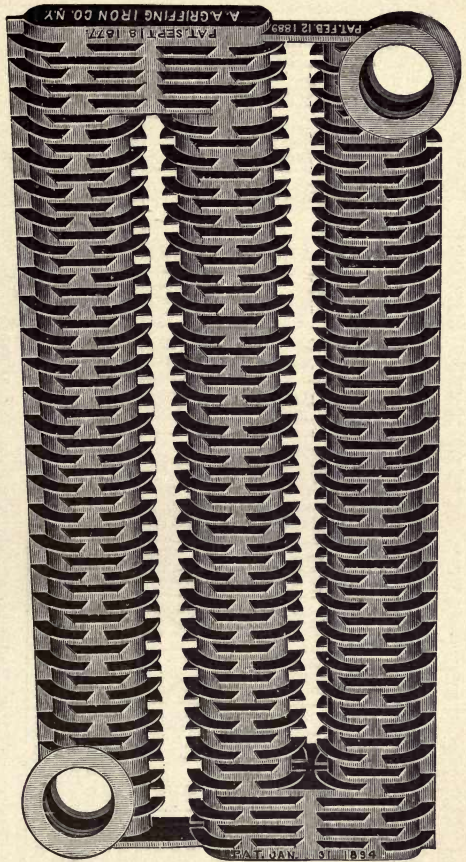


### BUNDY NEWPORT INDIRECT RADIATOR STACK.

**SPECIAL ADVANTAGES.**—Greater depth of stack, doing away oftentimes with the necessity of setting two stacks in a bank one above the other, which is rather an expensive setting. Peculiarly well adapted for Hot Water heating on account of its great depth, although equally efficient for steam. The air in passing is heated to a higher temperature on account of its longer contact with the heated surface by virtue of its greater depth. Has two horizontal air passages between the central and upper and lower barrels, which insures better air distribution and greater uniformity of heat, and consequently greater economy of fuel.

Manufactured under Patents dated Jan. 31, 1894, Feb. 12, 1889, and Sept. 18, 1877.





BUNDY NEWPORT INDIRECT RADIATOR.

**SPECIAL FEATURES.** Are end connected; nipple connected; end connections don't interfere with or retard the air in passing, and are where they can be easily gotten at if desired. The pins are set staggering so that the air impinges against the hot surface at an angle. Being a deeper radiator the air is heated hotter in passing; is particularly well adapted for Hot Water heating; all sections are duplicates; any may be used as an end section or intermediate. The barrels all slant gradually from inlet to outlet, so they drain perfectly on gravity action. The outlet being tapped eccentric (our own patent), and being lower than the level of the lower barrel, it is impossible for the water to remain in the sections; this insures dry steam surface, which is most efficient. A specially constructed bearing bar is cast on each section to facilitate the easy moving of the stack on the cross bars. There is a larger percentage of plain surface to extended surface in the Newport Radiator than in any other, excepting the Bundy Climax, in which there is the same amount as the Newport Radiator is practically the Climax with another barrel, making it three barrels deep instead of two.

LIST OF SIZES AND DIMENSIONS.

Sections in Stack.	Square Feet of Heating Surface.	Length of Stack.	Height of Stack.	Width of Stack.
NUMBER.	SQUARE FEET.	INCHES.	INCHES.	INCHES.
1	20	3½	16	37
2	40	7	16	37
3	60	10½	16	37
4	80	14	16	37
5	100	17½	16	37
6	120	21	16	37
7	140	24½	16	37
8	160	28	16	37
9	180	31½	16	37
10	200	35	16	37
11	220	38½	16	37
12	240	42	16	37

**List of Sizes and Dimensions, Tappings and Measurements of Bundy Sectional Radiators.**

Name of Radiator.	Lengths of Direct Radiators and Indirect Stacks in Sections and Inches.																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
*Elite.....	3 1/2	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
+Columbia.....	2 1/2	5	7 1/2	10	12 1/2	15	17 1/2	20	22 1/2	25	27 1/2	30	32 1/2	35	37 1/2	40	42 1/2	45	47 1/2	50
Pyro Wall.....	5 1/2	13 1/2	21 1/2	29 1/2	37 1/2	45 1/2	53 1/2	61 1/2	69 1/2	77 1/2	85 1/2	93 1/2	101 1/2	109 1/2	117 1/2	125 1/2	133 1/2	141 1/2	149 1/2	157 1/2
+Princess.....	1 1/2	2 1/4	3 1/4	4 1/4	5 1/4	6 1/4	7 1/4	8 1/4	9 1/4	10 1/4	11 1/4	12 1/4	13 1/4	14 1/4	15 1/4	16 1/4	17 1/4	18 1/4	19 1/4	20 1/4
+Defiance, 4 ft. Section	2 1/2	3 1/2	4 1/2	5 1/2	6 1/2	7 1/2	8 1/2	9 1/2	10 1/2	11 1/2	12 1/2	13 1/2	14 1/2	15 1/2	16 1/2	17 1/2	18 1/2	19 1/2	20 1/2	21 1/2
+Climax Vertical.....	5 1/2	9 1/2	13 1/2	17 1/2	21 1/2	25 1/2	29 1/2	33 1/2	37 1/2	41 1/2	45 1/2	49 1/2	53 1/2	57 1/2	61 1/2	65 1/2	69 1/2	73 1/2	77 1/2	81 1/2
+Perfect Window.....	5 1/2	9	12 1/2	16	19 1/2	23	26 1/2	30	33 1/2	37	40 1/2	44	47 1/2	51	54 1/2	58	61 1/2	65	68 1/2	72
Indirect.																				
Climax Indirect.....	5 1/2	9	12 1/2	16	19 1/2	23	26 1/2	30	33 1/2	37	40 1/2	44	47 1/2	51	54 1/2	58	61 1/2	65	68 1/2	72
+Perfect Indirect....	5 1/2	9	12 1/2	16	19 1/2	23	26 1/2	30	33 1/2	37	40 1/2	44	47 1/2	51	54 1/2	58	61 1/2	65	68 1/2	72
+Bundy Pin Nipped....	2 1/4	3 1/4	4 1/4	5 1/4	6 1/4	7 1/4	8 1/4	9 1/4	10 1/4	11 1/4	12 1/4	13 1/4	14 1/4	15 1/4	16 1/4	17 1/4	18 1/4	19 1/4	20 1/4	21 1/4
+ " " Gasket.....	2 1/4	3 1/4	4 1/4	5 1/4	6 1/4	7 1/4	8 1/4	9 1/4	10 1/4	11 1/4	12 1/4	13 1/4	14 1/4	15 1/4	16 1/4	17 1/4	18 1/4	19 1/4	20 1/4	21 1/4

\* Detachable Bushings increase the lengths given above of Elite Radiators 2" but are only furnished with Elite legs 1" or 2" higher or lower than standard or with standard height legs when so ordered, otherwise not.  
 + Columbia Radiators for Hot Water are 1" longer than above list on account of the detachable bushing used in one end.  
 + Princess, Climax Vertical and Perfect Window Direct and Perfect Indirect are not made for Hot Water, only for Steam.  
 § Bundy Pin Stacks, Nipped or Gasket, are 1 1/4" longer than above when supplied with detachable bushings.

**SQUARE FEET OF HEATING SURFACE PER SECTION, SHOWING VARIETY OF HEIGHTS OR LENGTHS MADE.**

Widths in Inches	Name of Radiator.		Heights of Direct Radiators and Square Feet of Heating Surface per Section.	
	Legs.	Sections.	Direct.	Indirect.
8 1/2	8%	8	Elite.....	45'-0 3/4 ft.; 38'-5 1/2 ft.; 30'-4 1/2 ft.; 24'-3 3/4 ft.; 20'-2 3/4 ft.
9	8	10	Columbia.....	45'-5 ft.; 38'-4 ft.; 32'-3 3/4 ft.; 26'-2 3/4 ft.; 23'-2 1/4 ft.; 20'-2 ft.
10	10	10	Pyro Wall.....	38'-8 ft.
15	3	10	Pyro Wall.....	38'-8 ft.
9 1/2	8%	8	Defiance, 8' x 13'	45'-9 ft.; 38'-7 1/2 ft.; 31'-6 ft.; 25'-4 1/2 ft.; 20'-3 3/4 ft.
11	11	11	" " 11' x 18'	13 1/2, 14, 14 1/2, 15, 15 1/2, 16, 16 1/2, 17, 17 1/2, 18 or 18 1/2, high-4 ft.
9 1/2	9 1/2	9 1/2	Perfect Window.....	18 1/2, 19, 19 1/2, 20, 20 1/2, 21, 21 1/2, 22, 22 1/2, 23 or 23 1/2, high-7 ft.
11	11	11	Climax Vertical.....	37'-15 ft.; 30'-12 1/2 ft.; 24'-10 ft.; 20'-8 ft.
9 1/2	9 1/2	9 1/2	Indirect.	39'-13 ft.
9 1/2	9 1/2	9 1/2	Perfect.....	Lengths of Indirect Sections and Square Feet of Heating Surface per Section.
11	11	11	Climax.....	36'-15 ft.; 29'-12 1/2 ft.; 23'-10 ft.; 19'-8 ft.
11 1/4	11 1/4	11 1/4	Bundy Pin Nipple.....	36'-13 ft.
11 1/4	11 1/4	11 1/4	" " Gasket.....	36'-10 ft.
10 1/2	10 1/2	10 1/2	Gold's Pin.....	36'-10 ft.
				40 1/2'-10 ft.

\* Elite Legs 1" and 2" higher or lower will be furnished when ordered.  
 + Pyro Wall Legs cut off in the rear, making total width 3', furnished when ordered.  
 † Defiance Legs 1/2" to 5/8" high varying by half inches are made, but 4" high legs are furnished unless otherwise ordered.

# List of Sizes and Dimensions, Tappings and Measurements of Bundy Sectional Radiators.

CENTER OF TAPPING DISTANT FROM FLOOR IN INCHES.

IF TAPPED	¾"	1"	1¼"	1½"	2"
Elite opposite ends.....	4¾	4¾	4¾	5	5
Elite same end.....	4¾	4¾	4¾	4¾	4¾
Columbia opposite ends.....	3¾	4	4¾	4¾	4¾
Columbia same end.....	3¾	3¾	3¾		
Pyro.....	4¾	5	5½	5½	5½
Pyro Wall.....	5½	5½	5½	5½	
Princess.....	3¾	3¾	4	4½	4½
*Defiance.....	5½	5½	5¾	5¾	5¾
Climax Vertical.....	4	4¾	4¾	4¾	4¾
†Perfect Window.....	2½	2½	2¾	2¾	2¾

\* Distances given for Defiance are based on the use of 4" high detachable legs, which will be furnished unless otherwise ordered, but legs 1" to 5½" high varying by half inches, may be had if wanted.

† Distances given for Perfect Window are based on the use of 1" high legs, which will be furnished unless otherwise ordered, but 2" high legs may be had if wanted.

Centers of tappings when tapped same end are distant from each other in Elite and Columbia Radiators, 4".

## SIZE OF TAPPINGS.

ELITE, PYRO, PYRO WALL, PRINCESS AND LARGER DEFIANCE.

One Pipe Openings.	Steam.	Hot Water.
Less than 5 sections.....	1 inch.	
From 5 to 12 sections.....	1½ "	
From 12 to 19 sections.....	1½ "	
19 sections and larger.....	2 "	Excepting Pyro Wall.
Two Pipe Openings.	Steam.	Hot Water.
Less than 8 sections.....	1 x ¾ inch.	1 x 1 inch.
From 8 to 15 sections.....	1½ x 1 "	1½ x 1½ "
15 sections and larger.....	1½ x 1½ "	1½ x 1½ "

## COLUMBIA AND SMALLER DEFIANCE.

One Pipe Openings.	Steam.	Hot Water.
Less than 6 sections.....	1 inch.	
From 6 to 16 sections.....	1½ "	
From 16 to 26 sections.....	1½ "	
26 sections and larger.....	2 "	
Two Pipe Openings.	Steam.	Hot Water.
Less than 11 sections.....	1 x ¾ inch.	1 x 1 inch.
From 11 to 21 sections.....	1½ x 1 "	1½ x 1½ "
21 sections and larger.....	1½ x 1½ "	1½ x 1½ "

## CLIMAX AND BUNDY PIN.

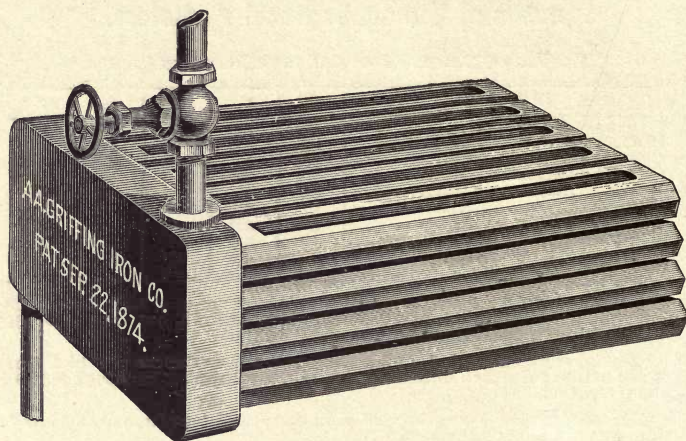
One Pipe Openings.	Steam.	Hot Water.
Less than 4 sections.....	1½ x 1 inch.	1½ x 1½ inch.
4 sections and larger.....	1½ x 1½ "	1½ x 1½ "

## PERFECT, GOLD'S PIN INDIRECT AND PERFECT WINDOW DIRECT.

One Pipe Openings.	Steam.
Less than 4 sections.....	1½ x 1 inch.
4 sections and larger.....	1½ x 1½ "

Right hand Tappings in accordance with above list will be furnished unless otherwise specified.



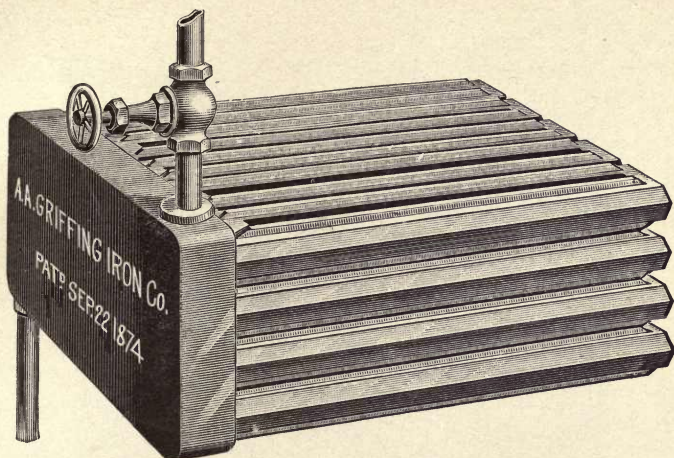


## BUNDY HORIZONTAL STEAM INDIRECT RADIATOR.

FOR STANDARD OR ENLARGED LOOPS.

LIST OF HORIZONTAL INDIRECT RADIATORS.					STANDARD.		ENLARGED.	
Shape of Radiators.	No. of Loops.	Depth of Radiators.	Width of Radiators.	Length of Radiators.	Each Loop Represents 3 Feet of Heating Surface. LIST PRICE. Per Foot, 67½c. Per Loop, \$2.03.		Each Loop Represents 3½ Feet of Heating Surface. LIST PRICE. Per Foot, 65c. Per Loop, \$2.28.	
					Feet of Heating Surface.	Price.	Feet of Heating Surface.	Price.
3×3	9	10 <sup>5</sup> / <sub>8</sub> "	10 <sup>5</sup> / <sub>8</sub> "	33"	27	\$18 23	31 <sup>1</sup> / <sub>2</sub>	\$20 48
3×4	12	10 <sup>5</sup> / <sub>8</sub> "	13 <sup>7</sup> / <sub>8</sub> "	33"	36	24 30	42	27 30
4×3	12	14 <sup>1</sup> / <sub>4</sub> "	10 <sup>5</sup> / <sub>8</sub> "	33"	36	24 30	42	27 30
4×4	16	14 <sup>1</sup> / <sub>4</sub> "	13 <sup>7</sup> / <sub>8</sub> "	33"	48	32 40	56	36 40
4×5	20	14 <sup>1</sup> / <sub>4</sub> "	17 <sup>1</sup> / <sub>8</sub> "	33"	60	40 50	70	45 50
4×6	24	14 <sup>1</sup> / <sub>4</sub> "	20 <sup>3</sup> / <sub>8</sub> "	33"	72	48 60	84	54 60
4×7	28	14 <sup>1</sup> / <sub>4</sub> "	23 <sup>1</sup> / <sub>8</sub> "	33"	84	56 70	98	63 70
4×8	32	14 <sup>1</sup> / <sub>4</sub> "	26 <sup>3</sup> / <sub>4</sub> "	33"	96	64 80	112	72 80
4×9	36	14 <sup>1</sup> / <sub>4</sub> "	30"	33"	108	72 90	126	81 90
4×10	40	14 <sup>1</sup> / <sub>4</sub> "	33 <sup>1</sup> / <sub>8</sub> "	33"	120	81 00	140	91 00
5×3	15	17 <sup>3</sup> / <sub>4</sub> "	10 <sup>5</sup> / <sub>8</sub> "	33"	45	30 38	52 <sup>1</sup> / <sub>2</sub>	34 13
5×4	20	17 <sup>3</sup> / <sub>4</sub> "	13 <sup>7</sup> / <sub>8</sub> "	33"	60	40 50	70	45 50
5×5	25	17 <sup>3</sup> / <sub>4</sub> "	17 <sup>1</sup> / <sub>8</sub> "	33"	75	50 63	87 <sup>1</sup> / <sub>2</sub>	56 88
5×6	30	17 <sup>3</sup> / <sub>4</sub> "	20 <sup>3</sup> / <sub>8</sub> "	33"	90	60 75	105	68 25
5×7	35	17 <sup>3</sup> / <sub>4</sub> "	23 <sup>1</sup> / <sub>8</sub> "	33"	105	70 88	122 <sup>1</sup> / <sub>2</sub>	79 63
5×8	40	17 <sup>3</sup> / <sub>4</sub> "	26 <sup>3</sup> / <sub>4</sub> "	33"	120	81 00	140	91 00
5×9	45	17 <sup>3</sup> / <sub>4</sub> "	30"	33"	135	91 13	157 <sup>1</sup> / <sub>2</sub>	102 38
5×10	50	17 <sup>3</sup> / <sub>4</sub> "	33 <sup>7</sup> / <sub>8</sub> "	33"	150	101 25	175	113 75
6×3	18	21 <sup>1</sup> / <sub>4</sub> "	10 <sup>5</sup> / <sub>8</sub> "	33"	54	36 45	63	40 95
6×4	24	21 <sup>1</sup> / <sub>4</sub> "	13 <sup>7</sup> / <sub>8</sub> "	33"	72	48 60	84	54 60
6×5	30	21 <sup>1</sup> / <sub>4</sub> "	17 <sup>1</sup> / <sub>8</sub> "	33"	90	60 75	105	68 25
6×6	36	21 <sup>1</sup> / <sub>4</sub> "	20 <sup>3</sup> / <sub>8</sub> "	33"	108	72 90	126	81 90
6×7	42	21 <sup>1</sup> / <sub>4</sub> "	23 <sup>1</sup> / <sub>8</sub> "	33"	126	85 05	147	95 55
6×8	48	21 <sup>1</sup> / <sub>4</sub> "	26 <sup>3</sup> / <sub>4</sub> "	33"	144	97 20	168	109 20
6×9	54	21 <sup>1</sup> / <sub>4</sub> "	30"	33"	162	109 35	189	122 85
6×10	60	21 <sup>1</sup> / <sub>4</sub> "	33 <sup>1</sup> / <sub>8</sub> "	33"	180	121 50	210	136 50

All Regular Goods Tapped 1"×<sup>3</sup>/<sub>4</sub>" "Right Hand."



BUNDY HORIZONTAL EXTENDED SURFACE STEAM  
INDIRECT RADIATOR.

FOR EXTENDED SURFACE LOOPS.

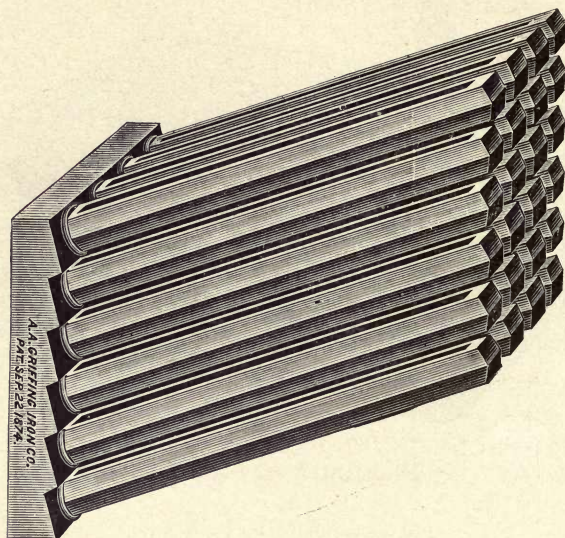
LIST OF HORIZONTAL INDIRECT RADIATORS.

NOTE.—We make the following sizes, but if more or less surface is required on each stack, they can be made any size required. The length can be varied by substituting longer or shorter loops.

Each Loop represents  $3\frac{3}{4}$  Feet of Heating Surface.

LIST PRICE.—Per Foot, 60c. Per Loop, \$2.25.

Shape of Radiators.	Number of Loops.	Depth of Radiators.	Width of Radiators.	Length of Radiators.	Feet of Heating Surface.	Price.
3X 3	9	10 $\frac{5}{8}$ "	10 $\frac{5}{8}$ "	33"	33 $\frac{3}{4}$	\$20 25
3X 4	12	10 $\frac{5}{8}$ "	13 $\frac{7}{8}$ "	33"	45	27 00
4X 3	12	14 $\frac{1}{4}$ "	10 $\frac{5}{8}$ "	33"	45	27 00
4X 4	16	14 $\frac{1}{4}$ "	13 $\frac{7}{8}$ "	33"	60	36 00
4X 5	20	14 $\frac{1}{4}$ "	17 $\frac{1}{8}$ "	33"	75	45 00
4X 6	24	14 $\frac{1}{4}$ "	20 $\frac{3}{8}$ "	33"	90	54 00
4X 7	28	14 $\frac{1}{4}$ "	23 $\frac{1}{8}$ "	33"	105	63 00
4X 8	32	14 $\frac{1}{4}$ "	26 $\frac{3}{4}$ "	33"	120	72 00
4X 9	36	14 $\frac{1}{4}$ "	30"	33"	135	81 00
4X 10	40	14 $\frac{1}{4}$ "	33 $\frac{1}{8}$ "	33"	150	90 00
5X 3	15	17 $\frac{3}{4}$ "	10 $\frac{5}{8}$ "	33"	56 $\frac{1}{4}$	33 75
5X 4	20	17 $\frac{3}{4}$ "	13 $\frac{7}{8}$ "	33"	75	45 00
5X 5	25	17 $\frac{3}{4}$ "	17 $\frac{1}{8}$ "	33"	93 $\frac{3}{4}$	56 25
5X 6	30	17 $\frac{3}{4}$ "	20 $\frac{3}{8}$ "	33"	112 $\frac{1}{2}$	67 50
5X 7	35	17 $\frac{3}{4}$ "	23 $\frac{1}{8}$ "	33"	131 $\frac{1}{4}$	78 75
5X 8	40	17 $\frac{3}{4}$ "	26 $\frac{3}{4}$ "	33"	150	90 00
5X 9	45	17 $\frac{3}{4}$ "	30"	33"	168 $\frac{3}{4}$	101 25
5X 10	50	17 $\frac{3}{4}$ "	33 $\frac{1}{8}$ "	33"	187 $\frac{1}{2}$	112 50
6X 3	18	21 $\frac{3}{4}$ "	10 $\frac{5}{8}$ "	33"	67 $\frac{1}{2}$	40 50
6X 4	24	21 $\frac{3}{4}$ "	13 $\frac{7}{8}$ "	33"	90	54 00
6X 5	30	21 $\frac{3}{4}$ "	17 $\frac{1}{8}$ "	33"	112 $\frac{1}{2}$	67 50
6X 6	36	21 $\frac{3}{4}$ "	20 $\frac{3}{8}$ "	33"	135	81 00
6X 7	42	21 $\frac{3}{4}$ "	23 $\frac{1}{8}$ "	33"	157 $\frac{1}{2}$	94 50
6X 8	48	21 $\frac{3}{4}$ "	26 $\frac{3}{4}$ "	33"	180	108 00
6X 9	54	21 $\frac{3}{4}$ "	30"	33"	202 $\frac{1}{2}$	121 50
6X 10	60	21 $\frac{3}{4}$ "	33 $\frac{1}{8}$ "	33"	225	135 00

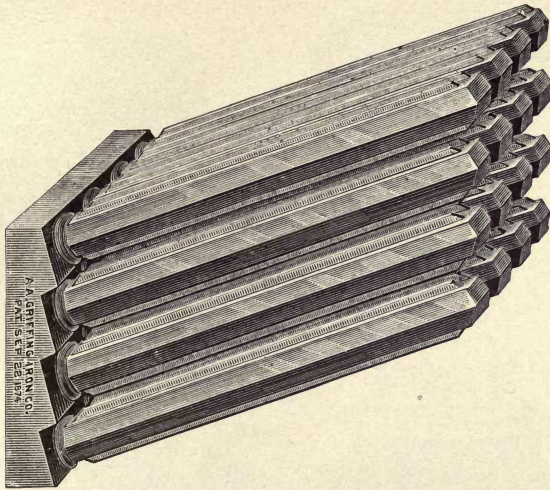


## BUNDY ANGLE STANDARD STEAM INDIRECT RADIATOR.

FOR STANDARD OR ENLARGED LOOPS.

LIST OF HORIZONTAL INDIRECT RADIATORS.					STANDARD.		ENLARGED.	
NOTE.—We make the following sizes, but if more or less surface is required in each stack they can be made any size. The length can be varied by using longer or shorter loops.					Each Loop Represents 3 Feet of Heating Surface.		Each Loop Represents 3½ Feet of Heating Surface.	
					LIST PRICE. Per Foot, 70c. Per Loop, \$2.10		LIST PRICE. Per Foot, 67½c. Per Loop, \$2.36.	
Shape of Radiators.	No. of Loops.	Depth of Radiator.	Width of Radiator.	Length of Radiator.	Feet of Heating Surface.	Price.	Feet of Heating Surface.	Price.
3 × 3	9	11 <sup>5</sup> / <sub>8</sub> "	10 <sup>5</sup> / <sub>8</sub> "	33"	27	\$18 90	31 <sup>1</sup> / <sub>2</sub>	\$21 26
3 × 4	12	11 <sup>9</sup> / <sub>8</sub> "	13 <sup>7</sup> / <sub>8</sub> "	33"	36	25 20	42	28 35
4 × 4	16	15 <sup>3</sup> / <sub>8</sub> "	13 <sup>7</sup> / <sub>8</sub> "	33"	48	33 60	56	37 80
4 × 5	20	15 <sup>3</sup> / <sub>8</sub> "	17 <sup>1</sup> / <sub>8</sub> "	33"	60	42 00	70	47 25
4 × 6	24	15 <sup>3</sup> / <sub>8</sub> "	20 <sup>9</sup> / <sub>8</sub> "	33"	72	50 40	84	56 70
4 × 7	28	15 <sup>3</sup> / <sub>8</sub> "	23 <sup>1</sup> / <sub>2</sub> "	33"	84	58 80	98	66 15
4 × 8	32	15 <sup>3</sup> / <sub>8</sub> "	26 <sup>3</sup> / <sub>4</sub> "	33"	96	67 20	112	75 60
4 × 9	36	15 <sup>3</sup> / <sub>8</sub> "	30"	33"	108	75 60	126	85 05
4 × 10	40	15 <sup>3</sup> / <sub>8</sub> "	33 <sup>1</sup> / <sub>8</sub> "	33"	120	84 00	140	94 50
5 × 3	15	19 <sup>1</sup> / <sub>4</sub> "	10 <sup>9</sup> / <sub>8</sub> "	33"	45	31 50	52 <sup>1</sup> / <sub>2</sub>	35 44
5 × 4	20	19 <sup>1</sup> / <sub>4</sub> "	13 <sup>7</sup> / <sub>8</sub> "	33"	60	42 00	70	47 25
5 × 5	25	19 <sup>1</sup> / <sub>4</sub> "	17 <sup>1</sup> / <sub>8</sub> "	33"	75	52 50	87 <sup>1</sup> / <sub>2</sub>	59 06
5 × 6	30	19 <sup>1</sup> / <sub>4</sub> "	20 <sup>9</sup> / <sub>8</sub> "	33"	90	63 00	105	70 88
5 × 7	35	19 <sup>1</sup> / <sub>4</sub> "	23 <sup>1</sup> / <sub>2</sub> "	33"	105	73 50	122 <sup>1</sup> / <sub>2</sub>	82 60
5 × 8	40	19 <sup>1</sup> / <sub>4</sub> "	26 <sup>3</sup> / <sub>4</sub> "	33"	120	84 00	140	94 50
5 × 9	45	19 <sup>1</sup> / <sub>4</sub> "	30"	33"	135	94 50	157 <sup>1</sup> / <sub>2</sub>	106 31
5 × 10	50	19 <sup>1</sup> / <sub>4</sub> "	33 <sup>1</sup> / <sub>8</sub> "	33"	150	105 00	175	118 12
6 × 3	18	23"	10 <sup>9</sup> / <sub>8</sub> "	33"	54	37 80	63	42 53
6 × 4	24	23"	13 <sup>7</sup> / <sub>8</sub> "	33"	72	50 40	84	56 70
6 × 5	30	23"	17 <sup>1</sup> / <sub>8</sub> "	33"	90	63 00	105	70 88
6 × 6	36	23"	20 <sup>9</sup> / <sub>8</sub> "	33"	108	75 60	126	85 05

All Regular Goods Tapped 1" × 3/4" " Right Hand."



BUNDY ANGLE EXTENDED SURFACE STEAM  
INDIRECT RADIATOR.

FOR EXTENDED SURFACE LOOPS.

LIST OF ANGLE INDIRECT RADIATORS.

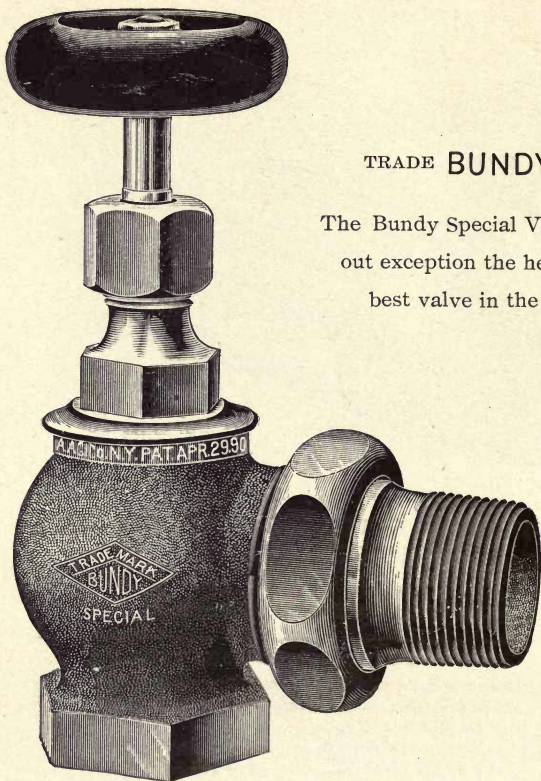
NOTE.—We make the following sizes, but if more or less surface is required in each stack they can be made any size. The length can be varied by using longer or shorter loops.

Each Loop Represents  $3\frac{3}{4}$  Feet of Heating Surface.

LIST PRICE.—Per Foot, 62c. Per Loop, \$2.33.

Shape of Radiator.	Number of Loops.	Depth of Radiator.	Width of Radiator.	Length of Radiator.	Feet of Heating Surface.	Price.
3 X 3	9	11 $\frac{5}{8}$ "	10 $\frac{5}{8}$ "	33"	33 $\frac{3}{4}$	\$20 93
3 X 4	12	11 $\frac{5}{8}$ "	13 $\frac{7}{8}$ "	33"	45	27 00
4 X 4	16	15 $\frac{3}{8}$ "	13 $\frac{7}{8}$ "	33"	60	37 20
4 X 5	20	15 $\frac{3}{8}$ "	17 $\frac{7}{8}$ "	33"	75	46 50
4 X 6	24	15 $\frac{3}{8}$ "	20 $\frac{3}{8}$ "	33"	90	55 80
4 X 7	28	15 $\frac{3}{8}$ "	23 $\frac{3}{8}$ "	33"	105	65 10
4 X 8	32	15 $\frac{3}{8}$ "	26 $\frac{3}{4}$ "	33"	120	74 40
4 X 9	36	15 $\frac{3}{8}$ "	30"	33"	135	83 70
4 X 10	40	15 $\frac{3}{8}$ "	33 $\frac{1}{8}$ "	33"	150	93 00
5 X 3	15	19 $\frac{1}{4}$ "	10 $\frac{5}{8}$ "	33"	56 $\frac{1}{4}$	34 88
5 X 4	20	19 $\frac{1}{4}$ "	13 $\frac{7}{8}$ "	33"	75	46 50
5 X 5	25	19 $\frac{1}{4}$ "	17 $\frac{7}{8}$ "	33"	93 $\frac{3}{4}$	58 13
5 X 6	30	19 $\frac{1}{4}$ "	20 $\frac{3}{8}$ "	33"	112 $\frac{1}{2}$	69 75
5 X 7	35	19 $\frac{1}{4}$ "	23 $\frac{1}{2}$ "	33"	131 $\frac{1}{4}$	81 38
5 X 8	40	19 $\frac{1}{4}$ "	26 $\frac{3}{4}$ "	33"	150	93 00
5 X 9	45	19 $\frac{1}{4}$ "	30"	33"	168 $\frac{3}{4}$	104 63
5 X 10	50	19 $\frac{1}{4}$ "	33 $\frac{1}{8}$ "	33"	187 $\frac{1}{2}$	116 25
6 X 3	18	23"	10 $\frac{5}{8}$ "	33"	67 $\frac{1}{2}$	41 85
6 X 4	24	23"	13 $\frac{7}{8}$ "	33"	90	55 80
6 X 5	30	23"	17 $\frac{7}{8}$ "	33"	112 $\frac{1}{2}$	69 75
6 X 6	36	23"	20 $\frac{3}{8}$ "	33"	135	83 70

All Regular Goods Tapped 1" X  $\frac{3}{4}$ " "Right Hand."



TRADE BUNDY MARK.

The Bundy Special Valve is without exception the heaviest and best valve in the market.

BUNDY "SPECIAL" VALVE WITH UNION.

BUNDY "SPECIAL" BRASS ANGLE AND GLOBE VALVES WITH WOOD WHEEL OR TEE HANDLE, SQUARE FOR KEY OR LOCK SHIELD, PRICE LIST.

Sizes in Inches.....	1/2	3/4	1	1 1/4	1 1/2	2
Rough Body, Finished Trimmings..	2 05	2 45	3 25	4 50	6 50	10 00
"    Plated Trimmings....	2 20	2 60	3 35	4 00	6 65	10 25
<b>*Rough Body, Plated all over.....</b>	<b>2 40</b>	<b>2 85</b>	<b>3 65</b>	<b>5 05</b>	<b>7 10</b>	<b>10 85</b>
Finished Body, Fin shed Trimmings	2 55	3 00	3 85	5 25	7 50	11 50
"    Plated all over.....	2 90	3 40	4 30	5 80	8 10	12 35
Rough Body, Finished Trimmings..	2 75	3 50	4 30	5 85	7 75	12 60
"    Plated Trimmings ..	3 00	3 75	4 65	6 25	8 00	12 85
<b>*Rough Body, Plated all over.....</b>	<b>3 20</b>	<b>3 80</b>	<b>4 75</b>	<b>6 40</b>	<b>8 10</b>	<b>13 10</b>
Finished Body, Finished Trimmings	3 20	4 00	4 80	6 40	8 75	13 85
"    "    Plated all over.....	3 25	4 25	5 25	7 00	9 25	14 35

\*We endeavor to keep constantly on hand a fair stock of all styles of Valves, but those described above in bold face type are more extensively kept in stock by us as well as by other valve manufacturers.





TRADE BUNDY MARK.

The Bundy Special Valve is made heavy and strong without regard to cost and is without exception the best valve in the world.

BUNDY "SPECIAL" VALVE WITHOUT UNION.

BUNDY "SPECIAL" BRASS ANGLE AND GLOBE VALVES WITH WOOD WHEEL OR TEE HANDLE, SQUARE FOR KEY OR LOCK SHIELD, PRICE LIST.

SIZES IN INCHES.		1/2	3/4	1	1 1/4	1 1/2	2
Rough Body, Finished Trimmings	} Without Union.	1 35	1 60	2 25	3 25	4 50	7 00
Plated Trimmings...		1 55	1 85	2 50	3 50	4 80	7 50
*Rough Body, Plated all over.....	} Without Union.	<b>1 65</b>	<b>1 95</b>	<b>2 65</b>	<b>3 70</b>	<b>5 00</b>	<b>7 75</b>
Finished Body, Finished Trimmings		Jenkins Disc.	2 15	2 50	3 25	4 45	5 50
Plated all over.....	Jenkins Disc.	2 00	2 50	3 20	4 50	6 25	10 50
Rough Body, Finished Trimmings	} Without Union.	2 25	2 70	3 50	4 75	6 50	10 75
Plated Trimmings...		Jenkins Disc.	<b>2 50</b>	<b>2 85</b>	<b>3 65</b>	<b>4 90</b>	<b>6 75</b>
*Rough Body, Plated all over.....	} Without Union.	2 50	3 00	3 75	4 25	7 25	11 75
Finished Body, Finished Trimmings		Jenkins Disc.	2 85	3 10	4 00	5 40	7 75
Plated all over.....	Jenkins Disc.						

\*The valve described above in bold face type is most extensively carried in stock and is generally ordered.



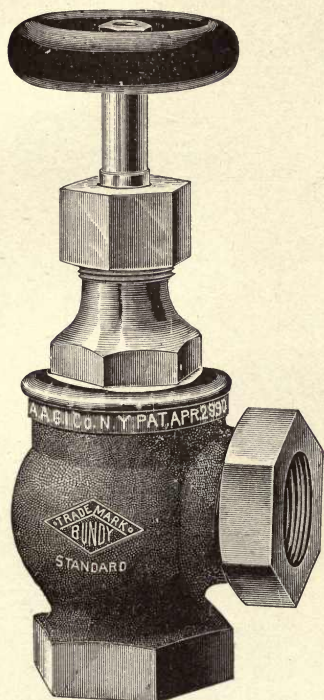
TRADE BUNDY MARK.

BUNDY "STANDARD" VALVE WITH UNION.

BUNDY "STANDARD" BRASS ANGLE AND GLOBE VALVES WITH WOOD WHEEL OR TEE HANDLE, SQUARE FOR KEY OR LOCK SHIELD, PRICE LIST.

Sizes in inches.....		1/2	3/4	1	1 1/4	1 1/2	2
Rough Body, Finished Trimmings..	} With Union.	} Jenkins Disc	2 05	2 45	3 25	4 50	6 50
			2 20	2 60	3 35	4 90	6 65
*Rough Body, Plated all over.....	} With Union.	} Jenkins Disc	<b>2 40</b>	<b>2 85</b>	<b>3 65</b>	<b>5 05</b>	<b>7 10</b>
Finished " Plated all over.....			2 55	3 00	3 85	5 25	7 50
Rough Body, Finished Trimmings..	} With Union.	} Jenkins Disc	2 90	3 40	4 30	5 80	8 10
Plated Trimmings....			2 75	3 50	4 30	5 85	7 75
*Rough Body, Plated all over.....	} With Union.	} Jenkins Disc	<b>3 00</b>	<b>3 75</b>	<b>4 65</b>	<b>6 25</b>	<b>8 00</b>
Finished " Plated all over....			<b>3 20</b>	<b>4 80</b>	<b>4 75</b>	<b>6 40</b>	<b>8 10</b>
Rough Body, Finished Trimmings..	} With Union.	} Jenkins Disc	3 20	4 00	4 80	6 40	8 75
Plated Trimmings....			3 25	4 25	5 25	7 00	9 25
*Rough Body, Plated all over.....	} With Union.	} Jenkins Disc	<b>3 25</b>	<b>4 25</b>	<b>5 25</b>	<b>7 00</b>	<b>9 25</b>
Finished " Plated all over....			3 25	4 25	5 25	7 00	9 25

\*The Valve described above in bold face type is most extensively carried in stock and is generally ordered



Our line of Radiator Valves consist of the "Bundy Special" Valve, which is without exception the heaviest and best valve made in the world. The metal is distributed judiciously among the various parts, making it handsome in appearance and highly satisfactory for use.

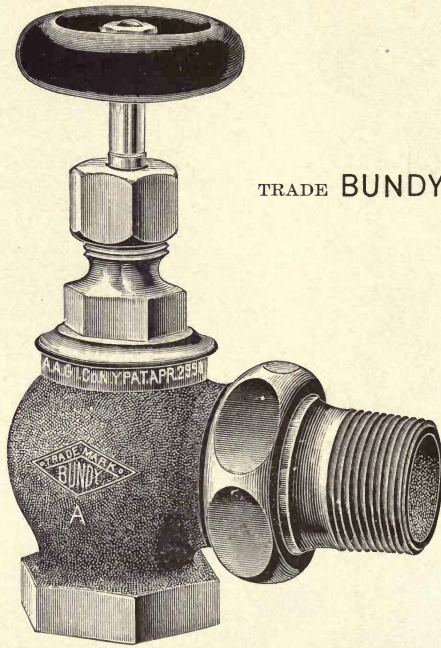
Next in quality is our "Bundy Standard" Valve, which, although a little lighter than the Bundy Special Valve, is still considerable heavier than the majority of valves sold. It is supplied with our special non-frictional stuffing box washer, to prevent the rotating of the stuffing box when the valve is being opened, which is one of the most fertile causes for dissatisfaction in connection with the use of valves.

BUNDY "STANDARD" VALVE WITHOUT UNION.

BUNDY "STANDARD" BRASS ANGLE AND GLOBE VALVES WITH WOOD WHEEL OR TEE HANDLE, SQUARE FOR KEY OR LOCK SHIELD, PRICE LIST.

Sizes in inches.....	1/2	3/4	1	1 1/4	1 1/2	2
Rough Body, Finished Trimmings.	1 35	1 60	2 25	3 25	4 50	7 00
" " Plated Trimmings...	1 55	1 85	2 50	3 50	4 80	7 50
*Rough Body, Plated all over.....	1 65	1 95	2 65	3 70	5 00	7 75
Finished Body, Finished Trimmings	1 85	2 15	2 85	4 00	5 50	8 50
" " Plated all over.....	2 15	2 50	3 25	4 45	6 00	9 25
Rough Body, Finished Trimmings.	2 00	2 50	3 20	4 50	6 25	10 50
" " Plated Trimmings...	2 25	2 70	3 50	4 75	6 50	10 75
*Rough Body, Plated all over.....	2 50	2 85	3 65	4 90	6 75	11 00
Finished Body, Finished Trimmings	2 50	3 00	3 75	5 25	7 25	11 75
" " Plated all over.....	2 85	3 10	4 00	5 40	7 75	12 25

\*We endeavor to keep a fair stock of all styles of valves on hand constantly, but, like all valve manufacturers, we have a larger stock of "Rough Body, Plated all over" Valves than any other, in fact, always have a large stock of them available with which to fill all orders promptly.



TRADE BUNDY MARK.

BUNDY "A" VALVE WITH UNION.

We also furnish the "Bundy A" Valve, which is a good all around valve. It is made only with Jenkins Disc, none being furnished with metal disc. For a low priced valve of good quality it cannot be excelled.

BUNDY "A" BRASS ANGLE VALVES WITH WOOD WHEEL OR TEE HANDLE, SQUARE FOR KEY OR LOCK SHIELD, PRICE LIST.

SIZES IN INCHES.		1/2	3/4	1	1 1/4	1 1/2	2
Rough Body, Finished Trimmings..	} With Union. } Jenkins Disc.	2 75	3 50	4 30	5 85	7 75	12 60
" " Plated Trimmings...		3 00	3 75	4 65	6 25	8 00	12 85
*Rough Body, Plated all over.....		3 20	4 00	4 80	6 40	8 10	13 10
Finished Body, Finished Trimmings		3 20	4 00	4 80	6 40	8 75	13 85
" " Plated all over.....		3 25	4 25	5 25	7 00	9 25	14 35

\*We endeavor to keep a fair stock of all styles of valves on hand constantly, but like all valve manufacturers we have a larger stock of "Rough Body Nickel plated all over" valves than any other and parties will insure prompt shipment by ordering valves of that description.



TRADE BUNDY MARK.

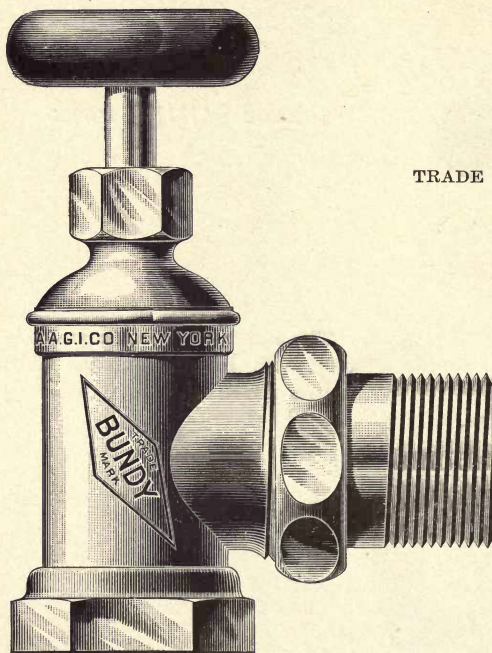
The Bundy "A" valve is made only with Jenkins genuine disc; not furnished with metal disc.

BUNDY "A" VALVE WITHOUT UNION.

BUNDY "A" BRASS ANGLE VALVES WITH WOOD WHEEL OR TEE HANDLE, SQUARE FOR KEY OR LOCK SHIELD, PRICE LIST.

Sizes in Inches.....	1/2	3/4	1	1 1/4	1 1/2	2
Rough Body, Finished Trimmings..	2 00	2 50	3 20	4 50	6 25	10 50
"    "    Plated Trimmings ..	2 25	2 70	3 50	4 75	6 50	10 75
<b>*Rough Body Plated all over .....</b>	<b>2 50</b>	<b>2 85</b>	<b>3 65</b>	<b>4 90</b>	<b>6 75</b>	<b>11 00</b>
Finished Body, Finished Trimmings	2 50	3 00	3 75	5 25	7 25	11 75
"    "    Plated all over.....	2 85	3 10	4 00	5 40	7 75	12 25
	Without Union		Jenkins Disc.			

\*The valves described in bold face type are continually kept in stock and can be shipped promptly on receipt of order.



TRADE BUNDY MARK.

PATENTED  
July 31, 1894.

BUNDY BONNETLESS HOT WATER VALVE  
WITH UNION.

The large and ever increasing demand for the Bundy Bonnetless Quick Opening Hot Water Valves encourages us in making a material reduction in the list prices, as the following will show. These new list prices go into effect May 1, 1894, and all discounts quoted on these valves prior to above date are hereby withdrawn and new quotations will be cheerfully made on application.

BUNDY "BONNETLESS" BRASS HOT WATER QUICK OPENING VALVES WITH WOOD WHEEL OR TEE HANDLE, SQUARE FOR KEY OR LOCK SHIELD, PRICE LIST.

SIZES IN INCHES.					
	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2
Rough Body, Finished Trimmings. ....	2 45	3 25	4 50	6 50	10 00
Rough Body, Plated all over.....	2 85	3 65	5 05	7 10	10 85
Finished Body Plated all over.....	3 40	4 30	5 80	8 10	12 35



TRADE BUNDY MARK.

PATENTED July 31, 1894.

BUNDY BONNETLESS HOT WATER VALVE  
WITHOUT UNION.

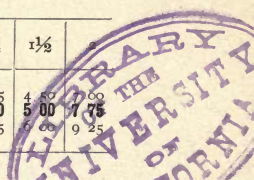
**SPECIAL ADVANTAGES.**

- 1st. Have fewer parts and joints.
- 2d. Less apt to get out of order.
- 3d. It is quick opening and closing, one-quarter of a turn being all that is required to fully open or close it.
- 4th. An arrow head shows whether the valve is open or closed, and the valve may be left partially open without danger of the circulation of the water moving the disc as is the case with many other Quick Opening Hot Water Valves.
- 5th. Is cheap and durable, easy to repair, all parts are duplicates, and is the only Bonnetless Valve sold on the market.

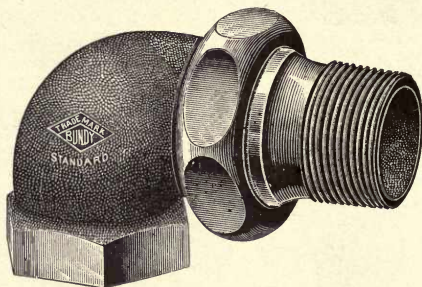
BUNDY "BONNETLESS" BRASS HOT WATER QUICK OPENING VALVES WITH WOOD WHEEL OR TEE HANDLE, SQUARE FOR KEY OR LOCK SHIELD, PRICE LIST.

Sizes in Inches.....	¾	1	1¼	1½
Rough Body, Finished Trimmings... ..	1 60	2 25	3 25	4 50
Rough Body, Plated all over.....	1 95	2 65	3 70	5 00
Finished and Plated all over .....	2 50	3 25	4 45	6 00
				9 25

Without Union.

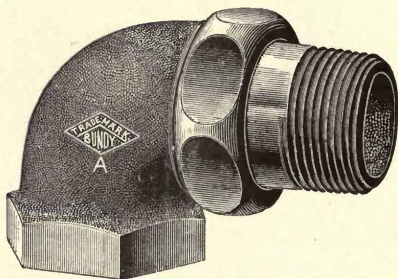


## TRADE BUNDY MARK.



BUNDY STANDARD UNION ELL.

The Bundy Union Ells are specially designed for use in connecting Hot Water Radiators to the return pipe. They are a great convenience, much less time being required to make the connections than if the ordinary nipple and ell is used. Then, again, they are more ornamental and more in keeping with the valve finish at the other end, and also the Radiator can at any time be easily disconnected and then connected up again.



BUNDY "A" UNION ELL.

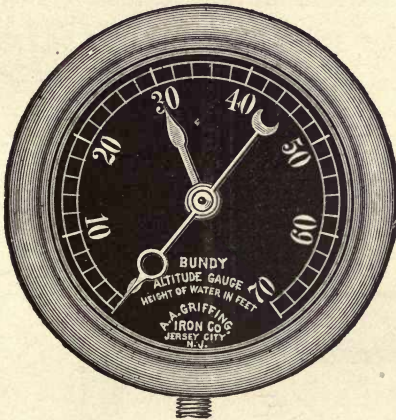
The Bundy "A" Union Ell is a trifle lighter in weight than the Bundy "Standard." It is extensively used, especially in low buildings, having say two or three stories, where the pressure of water is not great.

## BUNDY "STANDARD" AND "A" BRASS UNION ELL PRICE LIST.

SIZES IN INCHES.	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2
Rough Body, Finished Trimmings...	1 75	2 25	2 95	3 70	6 00
<b>Rough Body, Plated all over.....</b>	<b>2 00</b>	<b>2 50</b>	<b>3 20</b>	<b>4 00</b>	<b>7 00</b>
Finished Body, Finished Trimmings,	2 20	2 75	3 60	4 60	7 50
Finished Body, Plated all over.....	2 45	3 00	3 90	4 90	8 50



**For indicating the height of water in the Expansion Tank of a Hot Water System.**



**BUNDY ALTITUDE GAUGE.**

This Gauge is a very useful appliance, which is placed at the heater in the cellar or in any other part of the house, and will at all times indicate the exact level of the water in the Expansion Tank, without the necessity of traveling to the top of the house to look at the gauge glass. Its desirability therefore is very apparent.

It is graduated in feet, and the position of the large white pointer gives the exact indication of the height of the water in the system.

After the Gauge is attached, the Expansion Tank is filled to the desired level; the small red tell-tale hand is then set to the indication of the large white pointer.

When the large white pointer falls below the red tell-tale hand, it shows just how much the water has fallen below the desired level, and that refilling is necessary.

This Gauge is ACCURATE, WELL MADE and DURABLE, with removable ring. Its new Black Dial with white figures and graduations greatly facilitates reading, and will not tarnish.

**List Prices.**

Balck Dial Altitude Gauge, Iron Case and Removable Brass Ring, 5 inch

Dial.....\$7.00 each.

Each Gauge packed separately in a neat wooden box.

# BUNDY POSITIVE SAFETY PET COCK

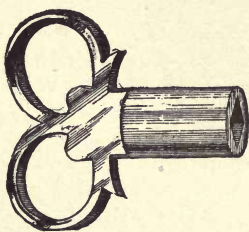
CANNOT BE OPERATED WITHOUT THE KEY.

No Children can Tamper with it.

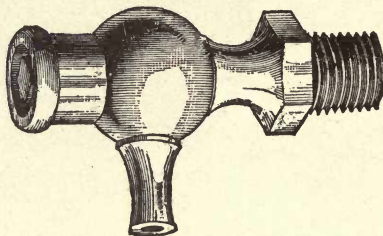
NO MORE SPOILED CARPETS.

NO MORE SOILED CEILINGS.

NO MORE DAMAGED FURNITURE.

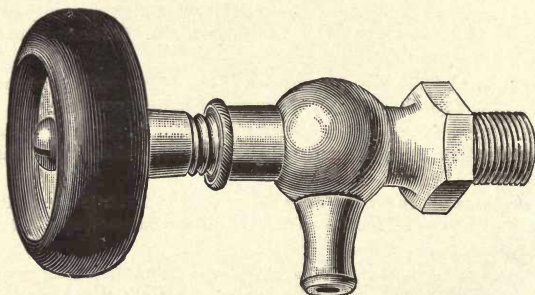


KEY.



BUNDY PET COCK.

TWO NICKEL-PLATED KEYS ARE FURNISHED WITH EACH DOZEN.

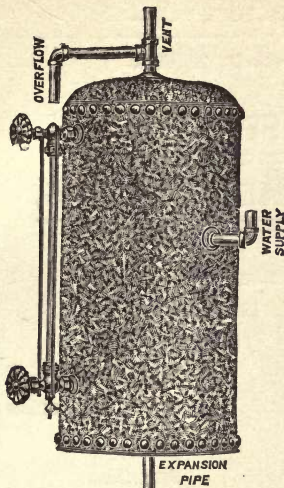


BUNDY WOOD WHEEL HANDLE PET COCK.

### Bundy Positive Pet Cock Price List.

Wood Wheel or Key Handle, Plain.....	40 cents.
Wood Wheel or Key Handle, Nickel-Plated.....	50 "
Nickel Plated Keys, each.....	15 "

# Bundy Hot Water Expansion - - Tank. - -



BUNDY EXPANSION TANK.

The Bundy Hot Water Expansion Tank is made of the best quality of double thick refined steel, galvanized with the best of metal, with all spuds for openings carefully brazed on and caulked, making them in many respects superior to all others, and especially those having spuds riveted on.

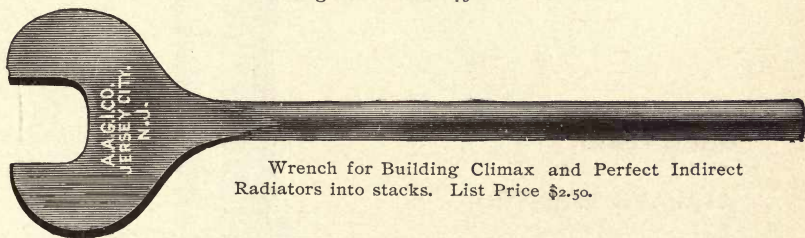
All Bundy Tanks are thoroughly tested to a high pressure before being shipped, and are supplied with all necessary openings for pipe connections and water gauge.

Unless otherwise ordered, these Tanks will be furnished tapped 1 inch at top and bottom; 1/2 inch on the side near top and bottom for water gauge, and 1 inch on side for water supply.

### Bundy Expansion Tank Price List.

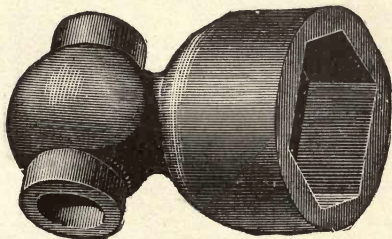
Sizes	Dimensions in inches.	Capacity in Gallons.	Length of Gauge required.	Sq. feet of Radiation it will carry.	Price of Tank without Gauge.	Price of Tank with Gauge.
No. 1/2	12 x 20	10 gals.	12 inch.	200 or less	\$18 00	\$22 00
" 1	12 x 24	12 "	14 "	200 to 300	19 25	23 75
" 2	12 x 30	15 "	14 "	300 to 400	20 50	25 00
" 3	12 x 36	18 "	18 "	400 to 500	21 75	26 75
" 4	14 x 30	20 "	14 "	500 to 600	28 00	32 50
" 5	14 x 36	24 "	18 "	600 to 700	29 25	34 25
" 6	16 x 30	26 "	14 "	700 to 800	31 50	36 00
" 7	16 x 36	32 "	18 "	800 to 1000	33 75	38 75
" 8	16 x 48	42 "	24 "	1000 to 1500	37 00	42 50

Filling Attachment, \$5.00 extra.



Wrench for Building Climax and Perfect Indirect Radiators into stacks. List Price \$2.50.

## BUNDY LOOP WRENCH.



This cut shows the Bundy Loop Wrench, used in connecting the Bundy Loops and Base. It is made of the best steel, will fit any style or height of Loop, and the hole in the top of the Wrench is made to take 3/4 inch bar iron. Users of the Bundy Radiator will find this a very handy tool to have and every Steam Fitter should include one in his kit.

**LIST PRICE, \$3.00.**

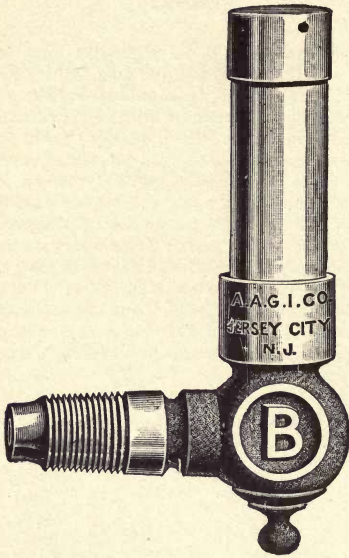
# Bundy Automatic Air Valves.

## SPECIAL ADVANTAGES.

- Durable.
- Low in Price.
- Small in Size.
- Handsome in Finish.
- Simple in Construction.
- Automatic.
- Sensitive.
- Improved.



**SATISFACTORY WORKING  
GUARANTEED.**



No. A.

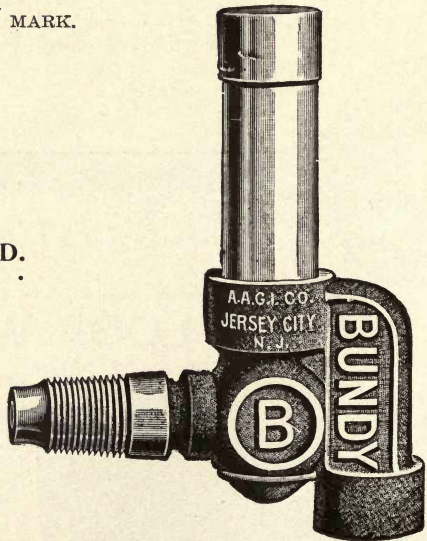
TRADE BUNDY MARK.



ONCE USED,  
.....  
ALWAYS WANTED.  
.....

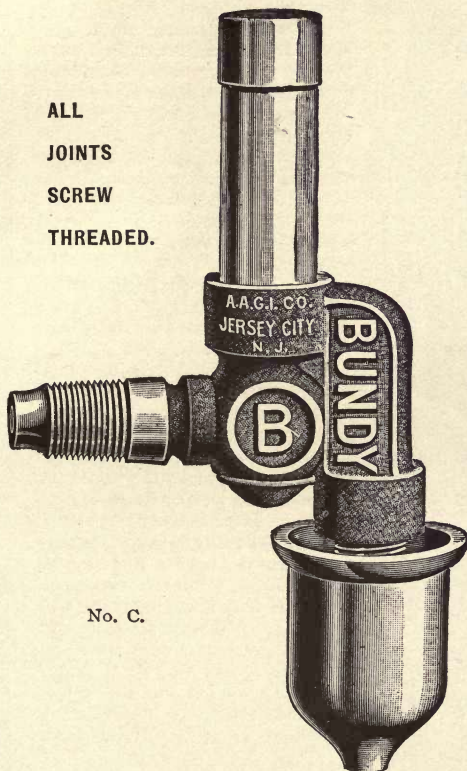


Architects can  
Confidently  
Specify Them.



No. B.

Bundy Automatic Air Valve.



ALL  
JOINTS  
SCREW  
THREADED.

SHANK  
EXTENDS  
INTO THE  
CENTER OF  
RADIATOR,  
PREVENTING  
THE ESCAPE  
OF THE  
WATER  
WHICH TRAVELS  
UP THE SIDES  
OF THE LOOP  
OR SECTION.

No. C.

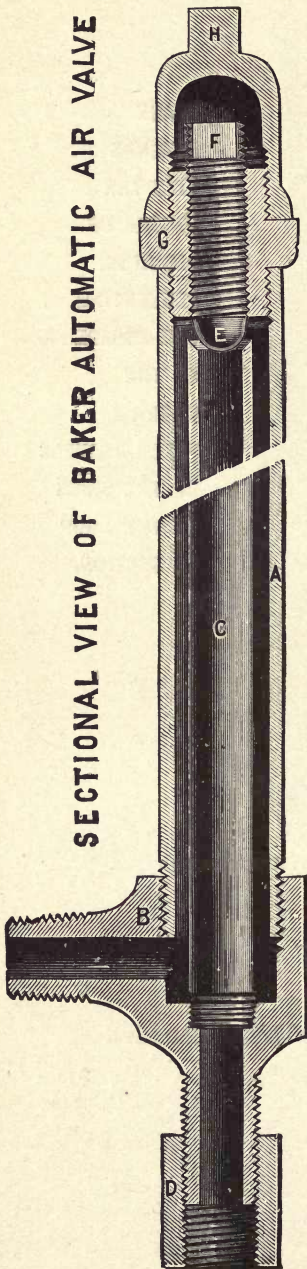
BUNDY AUTOMATIC AIR VALVE WITH EVAPORATION CUP.

Bundy Improved Automatic Air Valve Price List.

No. A, without Drip Pipe Connection,	. . . . .	\$1.00
No. B, with Drip Pipe Connection,	. . . . .	1.25
No. C, with Evaporation Cup,	. . . . .	1.60
Evaporation Cup,	. . . . .	40

## Bundy Baker Automatic Air Valves.

SECTIONAL VIEW OF BAKER AUTOMATIC AIR VALVE



No. 1.

This Air Valve is no experiment. Too many are already in use to question its superiority. Most large steam fitters use it on all their work, finding no other valve as reliable and effective. A valve may answer fairly well when new, but the test comes with years of use. This valve we know is just as good after ten years of use as when first applied.

No. 1. Sectional view of valve showing drip connection.

No. 2. Same valve with no drip connection.

No. 3. For Indirect Radiators.

No. 4. For Indirect Radiators same valve as No. 3 with drip connection.

The pipe A being iron, and tube C brass, this valve is extremely sensitive and durable. There is a great difference in the expansibility of brass and iron. The seat E is ball shaped and being at the top of the valve it is not subject to injury by dirt or sediment getting on it before closing. There is perhaps nothing so important about a Radiator as the Air Valve, for unless a good one is used the best Radiator made will work but poorly, wasting steam and giving a great deal of trouble and annoyance.

All this is avoided by the use of the Bundy Baker Air Valve, which is, without exception, the best made.

### BUNDY BAKER AUTOMATIC AIR VALVE PRICE LIST.

STYLE.	Nickle	
	Bronzed.	Plated
No. 1, with Drip Connection.....	\$1.00	\$1.25
No. 2, without Drip Connection.....	1.00	1.25
No. 3, for Indirect Radiators.....	.75	1.00
No. 1, with Evaporation Cup.....	1.25	1.50
No. 4, for Indirect Radiators.....	1.00	1.25
Nos. 1 and 2, with R. & L. Coupling, extra.....	.25	.25
Extra Evaporation Cups,	.25	.25



No. 2.



No. 3.

FOR INDIRECT RADIATOR.

## Bundy Sectional Radiator Parts.

For the convenience of those who desire additional parts of Bundy Sectional Radiators we give below a list of same with prices.

**Nipples for Elite, Columbia, Pyro, Pyro Wall, Princess, Defiance, Climax Vertical and Perfect Window Direct Radiators,** made of the best quality of iron, with threads carefully cut by special machinery, 35 cents each.

**Nipples for Climax, Perfect and Bundy Pin Indirect Radiators,** made from a superior quality of iron, with right and left threads and hexagon shoulder for engaging the wrench, 35 cents each.

**Bushings for Elite, Columbia, Pyro, Pyro Wall, Princess, Defiance, Climax Vertical and Perfect Window Direct and Climax, Perfect and Bundy Pin Indirect Radiators,** of ornamental design, tapped eccentric to allow the water to escape from the Radiator, 35 cents each.

**Top Nuts for Hot Water Elite, Columbia, Pyro, Pyro Wall and Defiance Radiators,** of ornamental design, 25 cents each.

**Plugs for Elite, Columbia, Pyro, Pyro Wall, Princess, Defiance, Climax Vertical and Perfect Window Direct and Climax, Perfect and Bundy Pin Indirect Radiators,** of ornamental design, 30 cents each.

**Legs for Elite, Pyro, Pyro Wall, Defiance, Climax Vertical and Perfect Window Direct Radiators,** of ornamental design, detachable, in all the different heights made, 60 cents each.

**Tap Bolts for Elite, Pyro and Pyro Wall Radiator Legs** to fasten them to section, 10 cents each.

**Carpet Legs for Elite Radiators,** so arranged that it is easy to clean out under Radiator and lay carpet down, \$1.00 each.

**Top Rod for Hot Water Radiators,** made of best refined  $\frac{3}{8}$ -inch round iron, per section, 5 cents.

### IRON TOPS FOR BUNDY SECTIONAL RADIATORS.

Columbia Tops, - - - - -	15 cents per section, extra.
Elite Tops, - - - - -	15 cents per section, extra.
Elite Top supports, - - - - -	75 cents per pair, extra.
Defiance Tops for 8"x13" Section, - - - - -	15 cents per section, extra.
Defiance Tops for 11"x18" Section, - - - - -	20 cents per section, extra.

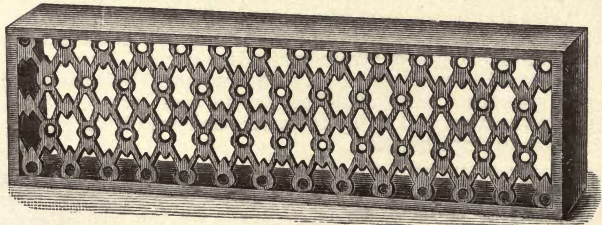
**Washers or Gaskets of Asbestos, Composition or Paper** for any Bundy Radiators or Baker Air Valves in which they are used, 5 cents each.

**Foot Blocks for Bundy Standard Radiators,** for all heights from  $\frac{1}{2}$ " to  $3\frac{1}{2}$ " high, varying by half inches, 25 cents each.

**Brushes of Camel's Hair,** for use in decorating Radiators, furnished in the following widths: 1"-75 cents;  $1\frac{1}{2}$ "-\$1.00; 2"-\$1.50;  $2\frac{1}{2}$ "-\$2.00.

**Register Faces,** for use with Direct-Indirect (Box Base) Radiators, to be placed in air duct where the fresh air supply is taken from without, made in two sizes, and of ornamental design,

- Smaller size,  $11\frac{1}{4}$ " long; 5" high;  $2\frac{1}{2}$ " deep, \$1.50 each
- Larger size,  $17\frac{1}{4}$ " long; 5" high;  $2\frac{1}{2}$ " deep, \$2.00 each.



REGISTER FACE FOR FRESH AIR DUCT OF DIRECT-INDIRECT RADIATOR.

## Bundy Giant Pipe Hanger.

### LOCK HINGE—BALL BEARING.

#### SPECIAL ADVANTAGES.

1st. **SIMPLICITY.** Has fewer parts, none of which are intricate or complex.

2d. **DURABILITY.** Is made stronger and heavier than any other pipe hanger made. All parts are equally strong and there is no bolt about it to give out.

3d. **ADJUSTABILITY.** May be raised or lowered with ease on account of the differential lag-screw, which has coarse wood-screw threads at one end and standard pipe threads at the other. The lag-screw is easily lengthened with a piece of pipe and a coupling.

4th. **MORE CONVENIENT.** The hexagon nut fits the socket in the stirrup, when the Hanger may be used, gimlet fashion, in screwing lag-screw into a wooden beam, or in unscrewing hexagon nut from lag-screw after it is firmly imbedded in the wooden beam or affixed to an iron beam, after which the stirrup or pear-shaped Hanger proper, of its own weight, carries the nut out of the socket into the wider space above, where ample room is afforded for free and unimpeded swinging of the Hanger in any direction; particularly so, as the top of the hexagon nut and the under side of the stirrup with which it comes in contact is oval or dome-shaped, thereby securing the many advantages of the ball-bearing connection.

5th. **LOCK HINGE.** The swinging part of the stirrup, that which opens to admit the pipe, is locked while at its highest or lowest point of elevation and depression, but can be removed while at an intermediate point. When at its lowest point it affords a substantial hollow bracket upon which, if desired, the pipe to be suspended may find a place of temporary rest a little to one side of its final or normal position. When the stirrup is closed the nut locks it at the top and at the same time draws the movable part up against an incline plane around the screw-bolt, which makes it rigid and tight, preventing any rattling noises from the vibration of the building or steam pipes, and causes both sides of the stirrup to sustain equally the weight upon them.

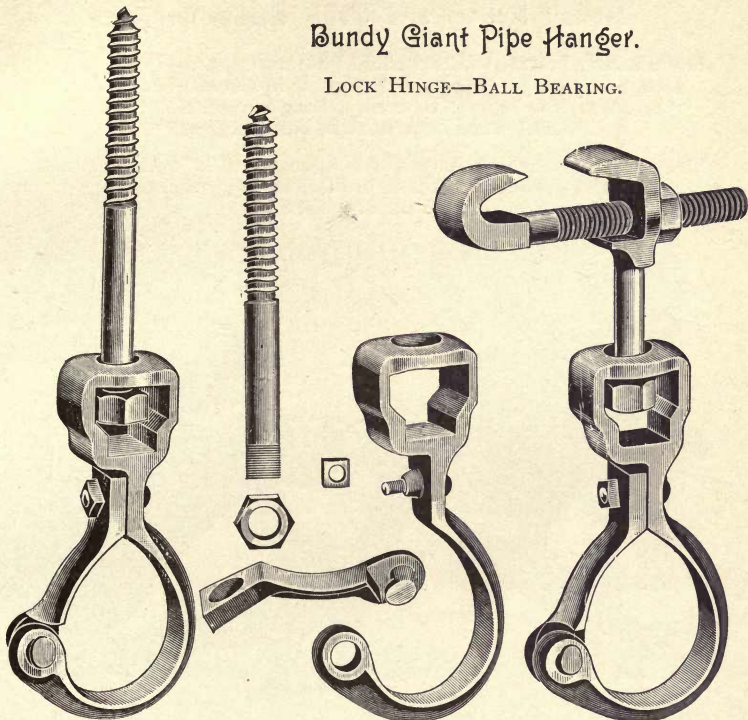
6th. **IRON BEAM CLAMP ADJUSTABLE** to fit tightly any size of beam by having the horizontal part of sufficient length to engage the largest size beam, and threaded far enough back so that it can also be screwed up tightly against a smaller size beam. Particular attention is called to the fact that when attached to an iron beam the weight or strain comes in a vertical line and is distributed equally on all parts. There is no small bolt used in holding the grappling parts attached to the iron beams, which is a weak construction and likely to break, and which fits loosely and so is liable to displacement.

7th. **EXTENDING FACILITIES.** The threads at the lower end of the lag-screw are standard pipe threads so that the lag-screw may be conveniently lengthened by the use of ordinary steam pipe and a coupling, which are always available on a job where hangers are used.



## Bundy Giant Pipe Hanger.

LOCK HINGE—BALL BEARING.



NO. 1 CLOSED,  
FOR WOODEN BEAMS.

NO. 1 OPEN AND IN PARTS.

NO. 2 CLOSED,  
FOR IRON BEAMS.

### THE BUNDY GIANT PIPE HANGER

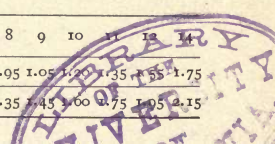
Is the only one that allows for expansion and contraction in all directions— to the right or left, backward and forward, as well as diagonally.

A line of these hangers may be set to place, securing the proper fall for good drainage of the pipe, by using a length of small pipe and spirit level, after which the pipe of proper size may be placed in the hanger, the stirrup of which is left open for its admittance. The lag-screw may be extended to any length by means of iron pipe and a coupling, of sizes as follows.

For  $\frac{3}{4}$ " and 1" Hangers,  $\frac{1}{8}$ " pipe. | For  $3\frac{1}{2}$ " and 4" Hangers  $\frac{3}{8}$ " pipe.  
For  $1\frac{1}{4}$ " to 3" "  $\frac{1}{4}$ " " | For 5" and larger,  $\frac{1}{2}$ " "

### PRICE LIST.

Sizes in inches.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	5	6	7	8	9	10	11	12	14
No. 1.	.15	.15	.18	.18	.20	.22	.25	.30	.35	.37	.45	.55	.65	.85	.95	1.05	1.20	1.35	1.55	1.75
No. 2.	.55	.55	.58	.58	.60	.62	.65	.70	.75	.77	.85	.95	1.05	1.25	1.35	1.45	1.60	1.75	1.95	2.15

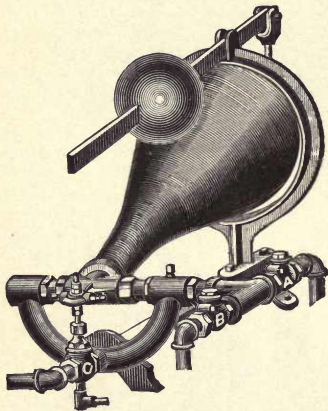


## Bundy Return and Tank Steam Traps.

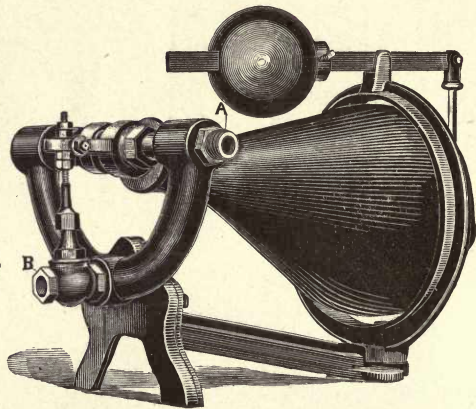
Manufactured under the Littlefield Patents, Sept. 29, 1891; Feb. 7, 1893, and Jan. 30, 1894; also Patented in Great Britain, Dec. 6, 1892, No. 22,395; Germany, Dec. 6, 1892, No. 75,413; Belgium, Dec. 6, 1892, No. 102,569.

They are for returning waters of condensation to boiler against any pressure of steam, or discharging into tank or into the atmosphere.

TRADE BUNDY MARK.



BUNDY RETURN TRAP.



BUNDY TANK TRAP.

### SPECIAL ADVANTAGES.

The Bundy Steam Traps are simple in construction; durable; easily cared for; positive in operation; economical in point of saving steam; quick in action; all parts are exterior and can be easily gotten at; no floats used; nor buckets, nor interior mechanism. Only steam trap made with all parts exterior and accessible; cannot get out of order if reasonable care is exercised in their use; easily adjustable to varying conditions and quickly connected up in place. The Return Trap operates against any pressure in the boiler, and the Tank Trap will lift water two feet for every pound of steam pressure used; all necessary packing can be done without taking the Trap apart; has no flanged connections or bolted parts; all joints are screw-thread connections, which are unqualifiedly superior to all others; each Trap is thoroughly tested to 300 pounds pressure before being shipped.

Correspondence solicited and a trial of these unequalled Bundy Steam Traps requested.

## Bundy Return and Tank Traps.

MADE UNDER LITTLEFIELD'S PATENTS.



TRADE  
BUNDY  
MARK.



Highest Award of Merit given the Littlefield Patent Traps at the Eighteenth Exhibition, 1892, at the Massachusetts Charitable Mechanic Association.

### BUNDY RETURN TRAP PRICE LIST.

Sizes, Capacities, Dimensions, Weight, etc.

No.	Floor Space in Inches.	Weight Crated.	Water Inlet.	Water Outlet.	Steam Inlet.	Capacity lin. ft. 1-in. pipe.	Price
101.	17×31	160	1 in.	1 in.	1 in.	6,000	\$100 00
102.	19×34	220	1 1/4 "	1 1/4 "	1 1/4 "	10,000	150 00
103.	19×37	280	1 1/2 "	1 1/2 "	1 1/2 "	20,000	200 00
104.	22×44	460	2 "	2 "	1 1/2 "	40,000	300 00

Above prices are for Traps only and do not include Check Valves or Receiver.

### BUNDY TANK TRAP PRICE LIST.

Sizes, Capacities, Dimensions, Weight, etc.

No.	Floor Space in Inches.	Weight Crated.	Water Inlet.	Water Outlet.	Drainage Capacity lin. ft. 1-in. pipe.	Price.
51.	13×23	94	3/8 in.	3/8 in.	3,500	\$25 00
52.	14×25	118	1/2 "	1/2 "	7,500	35 00
53.	17×31	155	3/4 "	3/4 "	15,000	55 00
54.	17×33	200	1 "	1 "	25,000	85 00

### BUNDY TRAP RECEIVERS PRICE LIST,

No. 1.	\$12 00
" 2.	14 00
" 3.	16 00
" 4.	18 00

Every Bundy Trap is tested to a pressure of 300 pounds before leaving the factory.

Will send Trap to responsible parties on 30 days' trial. If our claims are not fulfilled Trap may be returned at our expense.

We invite correspondence and shall be pleased to furnish additional information on this subject to any one who may be interested.

## Bundy Return and Tank Traps.

During the past few years many styles of Steam Traps have been placed upon the market; for every one of which some special feature has been claimed as an improvement. It has, however, seemed impossible heretofore to do away with the bucket or float, and the consequent interior mechanism; hence, in spite of the most simple construction, the objectionable feature in such devices has still remained.

As a natural result, steam users, after repeated trials of different inventions in this line, have come to regard all traps with suspicion. Therefore, in offering the "Bundy" to the trade, we did so fully aware of the prejudice that must be overcome in introducing them and proving their merits, but after years of use and no failures at all, people have come to regard the Bundy Trap as the only truly reliable trap in the world, and the thousands of them in use attest more strongly than can anything else to their great superiority.

We give below a few of the many thousands of testimonial letters received from users of the Littlefield Patent Traps, now known as the BUNDY.

WORCESTER, MASS., June 14th, 1894.

A. A. GRIFFING IRON CO., JERSEY CITY, N. J.

*Dear Sir:*—I have to report concerning the Littlefield Trap, which we have had in operation during the latter part of last winter. Thus far it has WORKED PERFECTLY, GIVING ENTIRE SATISFACTION. It works quicker, with less steam, and in every way better than any Trap we have ever used.

Yours truly,

M. P. HIGGINS,  
Superintendent of the Washburn Shops.

P. S.—Quite likely another season we might be able to say more.

The Littlefield Patent Trap I think is the best I have ever used, and have used about all of them. We have three of the Traps in use, but have found no outs about them so far, and the good points are just what the makers claim for them in their circulars.

Lowell, Mass.

E. G. CHILDS,  
Asst. Supt. Massachusetts Cotton Mills.

We are using two of the Littlefield Patent Return Traps, one their No. 2 size and one No. 4. They return the condensation to our boilers through from 50,000 or more feet of 1-inch pipe, and give us no trouble whatever. They take care of all the cold water in the morning without having to draw it off as we had formerly to do with other traps. We have nothing but good words for this trap.

East Pepperell, Mass.

CHAMPION CARD AND PAPER CO.

We are using the Littlefield Patent Trap and like it very much. It was put in on trial and we liked it so much and so well that we paid for it, and have never regretted that we put it in.

Jefferson, Mass.

JEFFERSON MANUFACTURING CO.

Your letter enquiring about the Littlefield Patent Steam Trap is received, and we gladly give it our highest endorsement. We are using one in place of six (6) large traps of another make that simply returned the water to a hot water tank, that under practically boiler pressure elevates the water some ten (10) feet, and another one that returns water from drying coils on which there are not over two or three pounds pressure.

The Trap works very satisfactorily indeed. We shall order another within a few days.

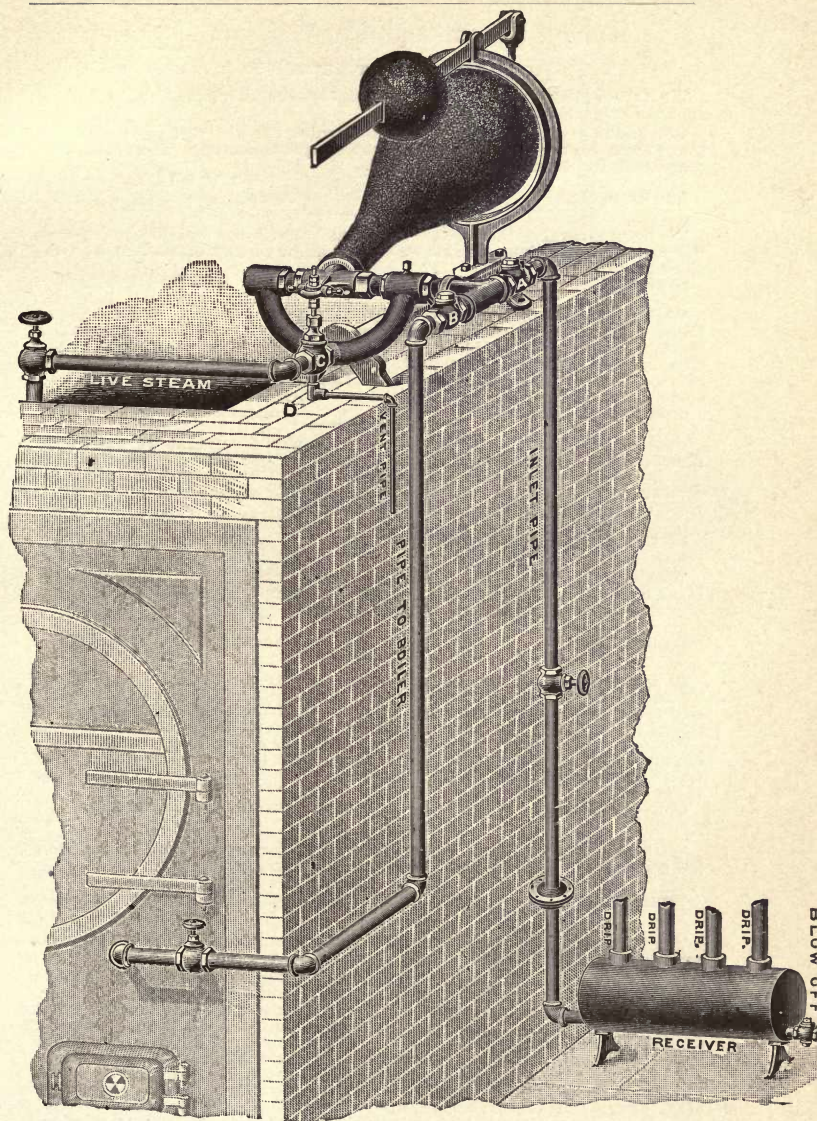
Fitchburg, Mass.

ARTHUR H. LOWE,  
Treasurer Parkhill Manufacturing Co.

We are highly pleased with the Littlefield Patent Trap. It is giving us perfect satisfaction. As yet we have found no defects, and its good points can readily be appreciated at sight—simplicity and best results.

Fitchburg, Mass.

PUTNAM MACHINE CO.



BUNDY RETURN STEAM TRAP CONNECTED ON BOILER.

The waters of condensation by their own weight furnish the valve operating power, for when the water in the pear-shaped bowl over-balances the weight of the ball, it settles down into the frame, thereby opening the discharge valve. The live steam connection from top of boiler or dome to trap then equalizes the pressure on both trap and boiler, when the water, of its own weight, discharges into the boiler.

## Bundy Return and Tank Steam Traps.

MADE UNDER THE LITTLEFIELD PATENTS.

We have a great many more testimonial letters which will cheerfully be sent to parties on application.

Will say in reply to your enquiry concerning the Littlefield Patent Trap, that I have one running and it works perfectly satisfactory. Cannot see any outs about it. I consider it very good.

Lewiston, Me.

GEO. V. BEAN,  
Agent Androscoggin Mills.

We have several of the Littlefield Patent Traps in use and they have given very good satisfaction. In fact we do not know of any other that we consider as good.

Sanford, Me.

SANFORD MILLS.

We have been using two of the Littlefield Patent Traps. We are using them as Tank Traps, and I think they are doing a very large amount of work, more than the size of Trap would warrant. They need some attention, but I do not know that they need any more than any of the steam traps in use. On the whole I think they are as good as any Trap that I have had come under my notice.

Cumberland Mills, Me.

JOHN E. WARREN,  
Agent S. D. Warren & Co.

*Gentlemen:*—In reply to yours of the 14th, would say that we put in the first Littlefield Patent Trap in January, 1893, for a Clothes Drying Machine, and the second to drain the Receiver of a large Compound Engine in December, 1893. Up to date we have had no trouble with either trap, and they work to our entire satisfaction. Yours truly,

Clinton, Mass., March 15, 1894.

GEO. W. WEEKS,  
Agent Lancaster Mills.

We are using four of the Littlefield Patent Traps. They do good work. Have never given us any trouble. We consider them the best of any we ever had and we have tried a number of them.

Clinton, Mass.

C. B. BIGELOW,  
Agent Bigelow Carpet Co.

In reply to your enquiry of the 14th inst., regarding the Littlefield Patent Trap, will say that I have used two for two winters and they are the best I have ever used. No expense whatever in repairing them since they were put in. I don't know of any outs particularly about them, and my experience so far has all been in their favor. To work first rate, as I think mine do, they want to be set a little below the level of the return, and above the water line of the boiler. With these conditions I think they are the best thing out.

Chicopee, Mass.

J. W. CUMNOCK,  
Agent Dwight Manufacturing Co

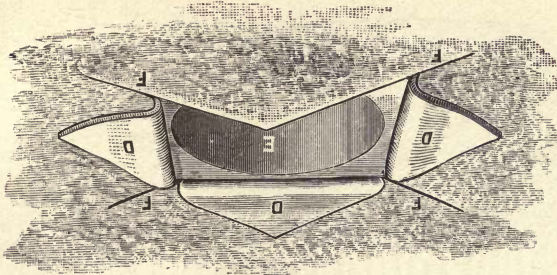
We have had a Littlefield Patent Trap in use for several months and find it a serviceable machine, and all right if intelligently managed.

Manchester, N. H.

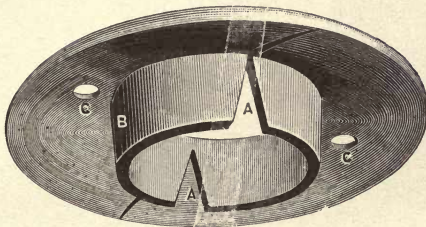
CHAS. H. MANNING,  
Supt. Amoskeag Manufacturing Co.

The following are a few of the well known manufacturers and others who are using the "Littlefield" Patent Traps.

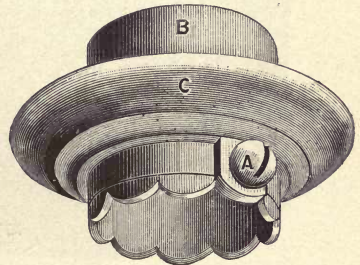
Lancaster Mills, Clinton, Mass.; Bigelow Carpet Co., Clinton, Mass.; Dwight Manufacturing Co., Chicopee, Mass.; Amoskeag Mills, Manchester, N. H.; Assabet Manufacturing Co., Maynard, Mass.; Nashua Card & Glazed Paper Co., Nashua, N. H.; Massachusetts Cotton Mills, Lowell, Mass.; Columbian Mills, Greenville, N. H.; Champion Card & Paper Co., East Pepperell, Mass.; American Shearer Co., Nashua, N. H.; Jefferson Manufacturing Co., Jefferson, Mass.; Fairchild Paper Co., East Pepperell, Mass.; Falulah Paper Co., Fitchburg, Mass.; Adjustable Saw Table Co., Fitchburg, Mass.; Parkhill Manufacturing Co., Fitchburg, Mass.; Putnam Machine Co., Fitchburg, Mass.; Faulkner & Colony Mfg. Co., Keene, N. H.; Androscoggin Mills, Lewiston, Me.; The Carman, Thompson Co., Lewiston, Me.; D. C. Mowry & Son, Holliston, Mass.; Sanford Mills, Sanford, Maine; Cumberland Mills, Westbrook, Me.; P. C. Cheney Co., East Tilton, N. H.; Spalding Brothers Co., Townsend Harbor, Mass.; Lowell Steam Boiler Works, Lowell, Mass.; G. M. Parks, Steam Fitter, Fitchburg, Mass.; Russell Paper Co., Lawrence, Mass.; School of Technology, Worcester, Mass.; Croker, Burbank & Co., Fitchburg, Mass.; Pepperell Card and Paper Co., Pepperell, Mass.; Albion Paper Co., Holyoke, Mass.; R. C. Pingree & Co., Lewiston, Maine; Forest Paper Co., Yarmouth, Maine.



SHOWING CARPET CUT WITHOUT MUTILATION FOR BUNDY FLOOR PLATE.



BUNDY FLOOR PLATE.



BUNDY CEILING PLATE.

The Bundy Floor and Ceiling Plates are specially designed for convenient and economical use in point of saving of carpet and ample protection of wood work. The above cuts represent the Bundy Floor and Ceiling Plates, and also the opening in the floor with carpet cut and points turned back to fit in the concave portion of the Floor Plate. If it should become desirable to change the location of the Radiator, the four points of the carpet will close together, and if sewed from the underside the cut will not be discernable, except under the closest possible scrutiny.

The Bundy Floor Plate has a slotted sleeve (see A in above cut) so that it can be broken and set to place in halves after the pipes have been run. In such a case the fracture is irregular and the parts fit so closely together that it is not discernible, except upon the most careful examination.

The Bundy Ceiling Plate is of ornamental pattern and is supplied with a set screw, engaging the pipe and holding the plate in position. The above plates are made in strict accordance with the building laws of the City of New York, and are endorsed by the Insurance Underwriters as being sufficiently heavy and having a sleeve sufficiently long to perfectly protect the surrounding wood work.

BUNDY CAST IRON FLOOR AND CEILING PLATE PRICE LIST.

SIZES IN INCHES.	¾	1	1¼	1½	2	2½	3	3½	4	4½	5	6
Floor Plates, Plain	.11	.14	.16	.20	.25	.35	.40	.50	.65	.75	.80	1.00
"    Nickel Pl'd	.29	.32	.34	.38	.43	.60	.65	.80	1.00	1.15	1.25	1.50
Ceiling Plates, Plain	.20	.25	.29	.32	.40	.50	.75	1.00	1.25	...	...	...
"    Nickel Pl'd	.40	.45	.49	.52	.60	.75	1.00	1.30	1.60	....	....	....



One of the many advantages Bundy Radiators have over all others is their artistic design and convenient form, being capable of all styles of handsome decoration, so that the radiator may be finished in perfect harmony with the room in which it is placed. A few pleasing combinations are the following:

BODY.	DESIGN.
Silver	with Copper.
Copper	“ Gold.
Green	“ Gold.
Copper	“ Silver.

Bundy Screw Top Full Opening Bronze Can.

### SPECIAL ADVANTAGES.

FIRST—Will not change color under heat.

SECOND—Does not deteriorate the efficiency of the surface.

THIRD—Is finer and so covers more surface than any other.

FOURTH—Is put up in special screw top cans and so none is wasted as is the case when done up in paper.

FIFTH—Is cheaper than any other good Bronze, and more brilliant, and packages contain full weight, not 10 per cent. short as is generally the case with other Bronzes.

### SHADES OF BUNDY BRONZE.

**GOLD, SILVER, COPPER, GREEN, FLESH, FIRE,  
AND ANY OTHERS WANTED.**

#### ... LIST PRICES. ...

BUNDY STAR GOLD BRONZE, . . . . .	\$1.50 per lb.
“ “ BRONZE (other than Gold), . . . . .	2.00 “
“ STANDARD, EXTRA FINE BRONZE, . . . . .	2.50 “

Special discounts on 500 lb. lots taken in original packages shipped direct from our factory in Germany to any Bonded Warehouse in the United States.

Manufactured expressly for and imported by us.



## Bundy Bronzing liquid.



### BUNDY BRONZING LIQUID CAN.

THIRD—Is as free from odor as it is possible to make it. When heat is applied it does not emit that stifling odor common with cheap Bronzing Liquid.

FOURTH—A good Bronzing Liquid is as essential to best results as a good Bronze Powder. When a cheap article is used the process of decoration has to be often repeated, making the cost actually greater than if the Bundy Bronzing Liquid had been used in the first place, and then the Radiators would have presented a neat appearance in the meantime.

FIFTH—The Bundy Bronzing Liquid is the best, cheapest and most enduring, and spreads over more surface than any other. The best Bronze Powder made may look as bad as the poorest if used with a cheap, inferior Bronzing Liquid, and as a gallon of the liquid is enough to mix from four to six pounds of Bronze, the slight difference in the cost as compared with a poor article adds but little to the price per pound of the Bronze, not enough to be worth mentioning.

The Bundy Bronzing Liquid is specially prepared from ingredients of the highest quality and while it can be used with any bronze powder, past experience has shown that the very best results are obtained when used with the Bundy Bronze Powder.

### SPECIAL ADVANTAGES.

FIRST—Is pure and clear, containing no adulterations which most manufacturers use to lessen the cost.

SECOND—Does not make the Bronze Powder with which it is mixed change color.

Put up in Gallon, Half-Gallon and Quarter-Gallon Cans.

LIST PRICE \$3.00 PER GALLON.

When furnished in half-gallon or quarter-gallon cans add 10 cents for each can to above list price.

MANUFACTURED EXCLUSIVELY BY US.

## Bundy Enamels or Japans.

We confidently claim for our Specially Prepared Bundy Enamels, or Japans as some call them, qualities of durability and handsome appearance, found by experience not possessed by any others. Knowing so well the requirements of such goods we have incessantly striven to secure the standard of excellence which we have now attained, and parties desiring fine finishes for their radiators and pipes, for it is equally well adapted for application on wrought as cast iron surfaces, will do well to specify and use the Bundy Enamels.

Unlike other enamels or japans, which retard the heating efficiency of the surface to which they are applied, the Bundy Enamels have no effect on the surfaces unless it be to increase their radiating power. This is an important matter, for a finish that reduces the heating power 10 to 25 per cent. would be dear at any cost.

The Bundy Enamels can be used with excellent effect in connection with bronze powder, that is, decorate the body of the radiator with enamel, touching up the design in bronze. The Bundy Blue Enamel and Bundy Pale Gold Bronze make a beautiful combination, also Terra Cotta and Silver, and Chocolate and Rich Gold, and many others.

The enamel comes mixed ready for application, and the quantity required, although depending largely on the skill of the party applying same, is about 1 gallon to 150 square feet of surface, which is a safe basis on which to figure.

The Bundy Enamels are put up in one-gallon, half-gallon and quarter-gallon cans, and as they do not deteriorate by standing, it is well for all steam and hot water fitters to keep a supply of same continually on hand.

List Price for Flat or Dull Finish Enamels, . . . \$3.00 per gallon.

List Price for Gloss Finish Enamel, . . . . . 3.00 “

When furnished in half-gallon or quarter-gallon cans add 10 cents for each can to list price.

## Bundy Enamels or Japans.

SPECIALLY PREPARED WITH OR WITHOUT GLOSS.

Owing to the growing demand for a Radiator finish that will not only stand the heat but make available the various colors in which ordinary paints are furnished, we have brought out the specially prepared **BUNDY ENAMELS** which are furnished in the following colors :

<b>SAGE,</b>	<b>BLUE,</b>	<b>GLOSS MAROON,</b>
<b>FLESH,</b>	<b>SLATE,</b>	<b>TERRA COTTA,</b>
<b>FAWN,</b>	<b>BLACK,</b>	<b>DULL MAROON,</b>
<b>WHITE,</b>	<b>CHOCOLATE,</b>	<b>BRONZE GREEN.</b>

### . . . SPECIAL ADVANTAGES. . . .

First—Do not impair the heating efficiency.

Second—Are practically odorless—do not emit the stifling odor common with most other enamels.

Third—Are pure and ground finer than any other, and so cover more surface.

Fourth—Are sold at a low price. Some may cost a few cents less, but are dear at any price—not giving satisfaction.

Fifth—Put up in gallon, half-gallon and quarter-gallon tin packages, and instructions how to apply go with each package, although no skill is required in their application, and a child can do it.

List Price for Flat or Dull Finish Enamels, . . . \$3.00 per gallon.  
List Price for Gloss Finish Enamel, . . . . . 3.00 “

When furnished in half-gallon or quarter gallon cans add 10 cents for each can to list price.

## Bronzing, Enameling and Painting Bundy Radiators.

With our superior facilities we are in a position to decorate Radiators more cheaply before sending them out than parties can do so after they have been set to place, especially when only a few are wanted, when it would hardly pay to buy the necessary materials with which to do the work.

### SHADES OF BUNDY BRONZE.

*Pale Gold,	Rich Gold,	Gold Color,	Green,
*Copper,	Flesh,	Crimson,	Green Gold,
*Silver,	Fire,	Lemon,	Orange.

### SHADES OF BUNDY ENAMEL.

*Maroon,	Sage,	White,	Bronze Green,
*Blue,	Fawn,	Black,	Terra Cotta,
*Flesh,	Chocolate,	Slate,	Gloss Maroon.

\*Usually used, either alone or in combination with others.

### LIST PRICE FOR BRONZING OR ENAMELING BUNDY RADIATORS IN ONE COLOR.

Bundy Standard, Enlarged and Extended Surface,	\$0.30	per .	Loop
Bundy Renaissance, with and without Pillars,	.50	“	“
Bundy Elite, Columbia and Triumph,	.60	“	Section
Bundy Pyro, Pyro Wall and Princess,	.75	“	“
Bundy Defiance and Defiance Bay Window,	.40	“	

For each additional color add 50 per cent. to above list.

Wrapping in paper and boxing charged for extra at cost.

*The cover of all Bundy Radiator catalogues, printed in gold, are printed with our Bundy Star Gold Bronze*

## Electroplating Bundy Radiators.

We are prepared to furnish Bundy Radiators electroplated in a full variety of colors, and while this style of finish costs somewhat more than bronzing or enameling, it should be borne in mind that it is more enduring, the Radiators not requiring redecorating as is necessary with other styles of finish. Electroplating brings out the design of an ornamental Radiator in a more striking manner than any other kind of finish, and may be had in perfect harmony with the general decorations of the room in which the Radiator is to be placed. Most any color may be had and parties desiring a particular shade should accompany their order with a sample, and while it may be impossible to match precisely the sample, we can come pretty near it ; however, after exercising every care possible, we will in no case hold ourselves responsible for not securing the exact color.

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**COLORS FURNISHED IN BRIGHT AND OXYDIZED FINISH :**

**BRASS, SILVER, NICKEL, BRONZE,  
COPPER, ORNATE BRONZE.**

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**LIST PRICES ON ELECTROPLATING BUNDY RADIATORS,  
ANY HEIGHT, IN BRASS, BRONZE, NICKEL and COPPER.**

Bundy Plain Radiators, Steam or Hot Water,	\$5.00 per loop,
Bundy Renaissance Radiators, Steam or Hot Water,	\$5.00 per loop.
Bundy Elite, Columbia, Pyro and Pyro Wall, Steam, and Hot Water, - - -	\$4.00 per section.
Bundy Dining Room Radiator and Hot Closet com- plete, - - - - -	\$150.00 each.

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**FOR ELECTROPLATING IN NICKEL-SILVER ADD 30 PER  
CENT. TO ABOVE PRICES.**

# Bundy Separable Mercury Bath Hydro-Thermometer.

The Bundy Hydro-Thermometer is used to record the temperature of the water in a hot water heating apparatus, and unlike all others, is supplied with a mercury bath in which the glass bulb is suspended. This

insures absolute accuracy of record, providing the Hydro-Thermometer is placed where the bulb, which contains the mercury, is wholly immersed in the circulating hot water. Around the glass mercury bulb is a fine wire net to catch the glass in case of breakage, which, however, is not likely to occur. In case of such an accident, a new top is easily and quickly put in without interfering at all with the working of the heating apparatus, as the socket part need not be removed. If the mercury in the socket is spilled, be sure and replace it, as accuracy of record cannot be secured without it. To make the Thermometer face in a different direction simply loosen the screw in the socket and turn the top around as may be necessary, then tighten the screw again.

Sockets may be placed at various points in a heating apparatus so that with a single top the temperature may be ascertained at different localities. All metal parts are heavily plated to prevent rusting and to make a handsome appearance. The

figures on the scale plate are large and easily read even at a distance, while the glass tube is of the magnifying type so that the record is easily discernible at a distance.

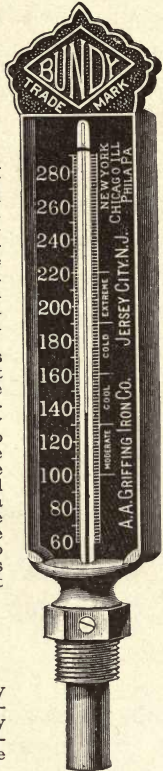
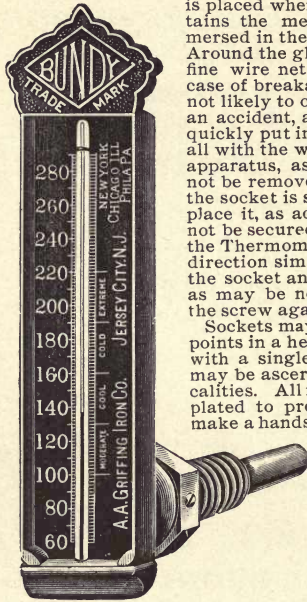


FIG. H.

## A USEFUL COMBINATION.

Great satisfaction and economy may be derived by placing an ordinary air thermometer out doors near a window where the changes in the temperature may be easily observed from within, then run the fire so as to make corresponding changes in the temperature of the water in the heating apparatus.

The Bundy Hydro-Thermometer registers from 60 degrees to 280 degrees, being a longer range than is usually furnished.

## Dimensions.

Length of Face.....	6 3/8	inches.
Width of Face.....	1 9/8	"
Length of Top part.....	8 3/4	"
Length of Socket.....	2 3/8	"
Length below Threads.....	1 1/4	"
Total Length.....	11 7/8	"

## List Prices.

Straight Bundy Hydro-Thermometer.....	\$5.00	each.
Angle " " ".....	7.50	"
Top only for Bundy Straight Hydro-Thermometer.....	4.00	"
Top only for Bundy Angle Hydro-Thermometer.....	6.50	"
Base or Socket only for Bundy Hydro-Thermometer.....	2.00	"



## Bundy Marble Tops and Bases.

In describing these Marble Tops we find it difficult to give a correct idea of them. As marble varies in color we cannot guarantee them to always be exactly like our description, but we come pretty close to it. Please to bear in mind that all marble will not stand heat. We guarantee ours, as well as perfect fits every time, which is strong argument why you should order from us.

**Tennessee (D) *Brownish Red.*** In the Cumberland Mountains is found the Tennessee Marble. We secure our supply from the well-known Hawkin's Quarry, noted because its Marble has fast colors, unbleachable in the sunlight. Its predominant color is *red*, handsomely flecked with spots and veins of crystalized white, which, blending with the red, takes on a sort of brownish hue.

**Mexican Onyx (F) *Pearl White.*** This beautiful Marble is purely of a volcanic formation, originating in a violent eruption of the Volcano Popocatepetl, after which the golden quartz, which had been reduced to a white heat, solidified, becoming a semi-transparent mass of rare beauty. Of all the different Onyx that from the Téalí Quarry, situated 35 miles from the City of Mexico, is conceded by connoisseurs to be the best, and it certainly is the most richly endowed with natural beauty. The striking ice-like appearance of our Onyx shows the different lines of scintillating colors, which under varying circumstances give forth all the prismatic colors of the rainbow. No marble is better adapted than Onyx to surmount a Bundy Radiator in a Parlor, Drawing or Reception room of Renaissance, Oriental, Arabesque or Moorish style of furnishing.

**Belgium Black (P) *Black.*** This Marble is found in the Garrone Quarries, in the southern part of Belgium. It has a rich velvety *black* color, which gives it the appearance of elegance and is a good Marble for either Radiator tops or bases, especially the latter. Its rich color is no doubt largely due to the high polish which it takes.

**Numedian (R) *Rose.*** This is probably one of the oldest Marbles known, as history shows that as far back as B C 77 the ancient Romans raised a 20 foot column of Numedian to the memory of Cæsar in the Forum. The Marble has a rich and delicate *rose* color, made more beautiful, if possible, with resplendent veins of yellow and chance spots and veins of black lined with a *rose* tint of lighter hue.

**Sienna (T) *Gold.*** All the Golden sunshine of sunny Italy seems to have entered this beautiful Sienna Marble. The predominant color is gold with delicate veins of pearl and purple running through it, and even the yellow gold color has different shades to assist the general harmony. This is one of the handsomest Marbles known, and looks well wherever used, especially in a light sunny room.

**St. Beaume (U) *Gold and Dove.*** This Marble is taken from the renowned Tortosa Quarry in the Pyrenees of France. It is richly endowed with *gold* and *dove* colors well mixed, with occasional spots of pink and crystalized white, and light scarcely noticeable, veins of purple. A Bundy Radiator setting upon a Belgium Black Base and surmounted with one of these Tops is well suited for any of the handsomer rooms in our modern houses.

**Vermont (A) *Milk White.*** A rare specimen of *milk white* marble interspersed with fine, barely distinguishable, grayish veins and spots.

**Italian (B) *Blue White.*** This marble is found in Italy in the well-known Carrara Quarries of sculptural fame.

**Knoxville (C) *Pink.*** A rare specimen of *pink* colored Marble, thoroughly mixed with fine spots of white crossed with chance veins of the same color or gray or even both.

**Glens Falls (E) *Jet Black.*** An excellent Marble, both for Radiator Tops and Bases, especially the latter, where its dark color gives an appearance of special elegance.

**Ophite (G) *Green and White.*** A serpentine Marble with its predominant color *dark green*.

**Italian Dove (H) *Light Blue.*** An excellent Marble for a blue room.

**Royal Red (I) *Brownish Red.*** Also called Rouge Royal, has the colors *red*, brown, drab and white, but the prevailing color is a *brownish red*.

**Aurania Griotte (J) *Dark Drab.***

**Eschaleon (K) *Light Yellow.***

**St. anne (L) *Dark Drab and White.***

**Napoleon (M) *Dark Fawn.***

**Joinville (N) *Gray.***

**Lorraine (O) *Light Fawn.***

**Griotte (Q) *Blood-red.***

**Alps Green (S) *Dark Green.***

**Formosa (V) *Dark Purple.***

**Lavanto (W) *Sage Green.***



**Bundy Marble Tops and Bases.** Price List for  $\frac{3}{8}$ " Thick, with Bevel or O. G. Edge.

Radiator.	American (A).	Italian (B).	Knoxville (C).	Tennessee (D). Black Glen Falls (E).	Mexican Onyx (F).	Ophite (G).	Italian Dove (H).	Royal Red (I). Barran Green (K). St. Albans (L). Napoleon (M). Johnville (N). Lorraine (O).	Belgium Black (P). Rage Numidian (R). Alps Green (S). Sienna (T). St. Bonavent (U). Lavana (W).
1 X 3	\$.90	\$1.05	\$1.55	\$1.75	\$4.00	\$2.20	\$2.45	\$3.75	\$4.25
1 X 4	1.05	1.25	1.75	2.05	4.60	2.55	2.80	4.25	4.75
1 X 5	1.20	1.40	2.05	2.30	5.20	2.90	3.20	4.75	5.50
1 X 6	1.35	1.60	2.30	2.65	6.00	3.25	3.60	5.50	6.25
1 X 7	1.50	1.80	2.50	2.90	6.20	3.40	3.75	5.75	6.50
1 X 8	1.80	2.10	3.10	3.50	7.50	4.15	4.60	7.25	8.50
1 X 9	1.95	2.30	3.25	3.85	8.20	4.70	5.20	7.75	9.25
1 X 10	2.10	2.50	3.50	4.20	8.80	5.00	5.50	8.50	10.00
1 X 11	2.35	2.75	3.80	4.55	9.40	5.50	6.05	9.00	11.00
1 X 12	2.55	3.00	4.15	5.00	10.00	6.00	6.60	10.00	11.75
1 X 13	2.70	3.15	4.50	5.60	12.00	6.80	7.50	10.75	13.50
1 X 14	2.85	3.35	4.80	6.15	13.00	7.40	8.15	11.50	14.75
1 X 15	2.95	3.45	5.00	6.30	13.50	7.70	8.50	11.75	15.25
1 X 16	3.10	3.60	5.45	6.60	14.00	8.00	8.80	13.00	15.75
1 X 18	3.40	3.95	5.95	7.20	15.40	8.70	9.60	14.25	17.25
1 X 20	4.00	4.65	6.50	8.00	Special price.	90.50	10.45	15.75	19.00
1 X 22	4.40	5.10	7.00	8.80	"	11.40	11.45	17.00	20.75
1 X 24	4.90	5.70	7.90	9.80	"	11.85	13.05	19.00	23.75
1 X 26	5.00	6.00	8.05	10.25	"	12.00	13.20	19.50	24.00
2 X 3	1.35	1.60	2.40	3.00	6.00	3.50	3.85	5.75	7.00
2 X 4	1.50	1.75	2.65	3.25	6.80	4.00	4.40	6.25	7.75
2 X 5	1.95	2.30	3.15	3.85	8.00	4.70	5.20	7.50	9.25
2 X 6	2.15	2.55	3.60	4.40	9.00	5.10	5.60	8.50	10.50
2 X 7	2.40	2.80	3.95	4.85	10.00	5.80	6.40	9.50	11.50
2 X 8	2.80	3.25	4.50	5.45	12.00	6.50	7.15	10.75	13.00
2 X 9	3.00	3.45	4.85	5.95	12.75	7.10	7.80	11.50	14.25
2 X 10	3.30	3.85	5.25	6.50	13.50	7.90	8.70	12.75	15.75
2 X 11	3.55	4.15	5.70	6.95	14.50	8.40	9.25	13.75	16.75
2 X 12	3.85	4.50	6.15	7.55	16.00	9.00	9.90	14.75	18.25
2 X 13	4.05	4.75	6.60	8.05	17.00	9.80	10.80	15.75	19.50
2 X 14	4.35	5.10	7.00	8.60	18.75	10.40	11.45	17.00	20.75
2 X 15	4.65	5.45	7.55	9.10	22.00	11.00	12.10	18.25	22.00
2 X 16	4.90	5.70	7.90	9.65	26.00	11.70	12.90	19.00	23.25
2 X 18	5.55	6.50	8.95	10.95	Special price.	13.25	14.60	21.50	26.50
2 X 20	6.00	7.00	9.75	11.90	"	14.40	15.85	23.50	28.75
2 X 22	6.60	7.70	10.50	12.95	"	15.70	17.30	25.50	31.25
2 X 24	7.55	8.25	11.40	14.00	"	17.00	18.70	27.50	34.00
2 X 26	7.80	9.10	13.15	16.20	"	19.70	21.70	31.75	39.25
3 X 3	1.80	2.10	3.00	3.60	8.00	4.25	4.70	7.25	8.50
3 X 4	2.10	2.45	3.45	4.15	9.00	5.00	5.50	8.25	10.00
3 X 5	2.40	2.80	3.85	4.75	11.00	5.75	6.35	9.25	11.50
3 X 6	2.85	3.35	4.75	5.70	14.00	6.80	7.50	11.50	13.75
3 X 7	3.15	3.70	5.10	6.30	16.00	7.70	8.50	12.25	15.25
3 X 8	3.45	4.05	5.60	7.00	18.00	8.50	9.35	13.50	17.00
3 X 9	3.90	4.55	6.30	7.70	20.00	9.25	10.20	15.25	18.50
3 X 10	4.20	4.90	6.85	8.35	22.00	10.00	11.00	16.50	20.00
3 X 11	4.60	5.35	7.35	9.10	24.00	11.00	12.10	17.75	22.00
3 X 12	5.10	5.95	8.35	10.10	26.00	12.25	13.50	20.00	24.50
3 X 13	5.55	6.50	9.10	11.15	28.00	13.50	14.85	22.00	27.00
3 X 15	6.00	7.00	9.75	11.85	Special price.	14.25	15.70	23.50	28.50
4 X 4	2.65	3.10	4.40	5.50	12.00	6.50	7.15	10.50	13.00
4 X 5	3.10	3.60	5.00	6.05	14.00	7.25	8.00	12.00	14.50
4 X 6	3.60	4.15	5.60	7.00	16.00	8.50	9.35	13.50	17.00
4 X 8	4.45	5.20	7.10	8.75	20.00	10.65	11.75	17.00	21.25
4 X 10	4.90	5.75	7.90	9.75	24.00	11.65	12.85	19.00	23.25
4 X 14	7.05	8.25	11.55	14.00	34.00	17.00	18.70	28.00	34.00
4 X 18	8.10	9.45	13.15	15.95	Special price.	19.25	21.20	31.75	38.50
4 X 20	9.00	10.50	14.35	17.95	"	21.25	23.40	34.75	42.50
4 X 22	10.80	12.60	17.50	22.75	"	27.65	30.45	42.50	55.25
4 X 24	12.00	14.00	19.25	24.50	"	29.75	32.75	46.75	59.50
10 Cir.	2.65	3.10	4.20	5.25	12.00	6.70	7.40	10.00	12.75
15 "	3.25	3.80	5.10	6.30	14.00	7.70	8.50	12.25	15.25
20 "	3.75	4.40	6.05	7.45	17.00	9.00	9.90	14.50	18.00
26 "	4.60	5.35	7.55	9.10	22.00	11.00	12.10	18.25	22.00
34 "	6.25	7.30	10.15	12.10	28.00	14.70	16.20	24.50	29.25
50 "	8.25	9.65	13.40	16.45	40.00	20.00	22.00	32.30	40.00
72 "	10.20	11.90	16.65	21.00	60.00	25.50	28.05	40.25	51.00
26 Col.	5.35	6.25	8.60	10.50	24.00	12.75	14.05	20.75	25.50
34 "	7.50	8.75	12.25	14.90	36.00	18.00	19.80	9.75	36.00
50 "	10.15	11.85	16.65	20.15	50.00	24.40	26.85	40.25	48.75
10 Cor.	1.80	2.10	3.00	3.60	8.00	4.25	4.70	7.00	8.50
15 "	2.25	2.65	3.50	4.40	10.00	5.25	5.80	8.50	10.50
20 "	3.00	3.50	4.90	6.00	14.00	7.25	8.00	11.75	14.50

CUTTING HOLE in Column Radiator Tops \$1.00 net will be charged extra.  
 MARBLE TOPS, 1 INCH THICK, add to above prices 15 per cent.; 1 $\frac{1}{2}$  inch thick, 25 per cent.  
 MARBLE BASES,  $\frac{3}{8}$  INCH THICK (excepting Onyx), add for 1 row, 35 per cent.; 2 row, 25 per cent.; 3 row, 20 per cent.; 4 row, Circular, Corner and Column, 15 per cent.

## Bundy Elite and Columbia Marble Tops.



BUNDY ELITE MARBLE TOP SUPPORT.

The accompanying cut represents the cast iron extension piece, two of which when placed on the Bundy Elite Radiator affords a rest for the marble top. Can be put on and removed at will. Unless the Radiator is very long two of these extension pieces are sufficient, but in the case of very long radiators it is well to use three, one in the centre.

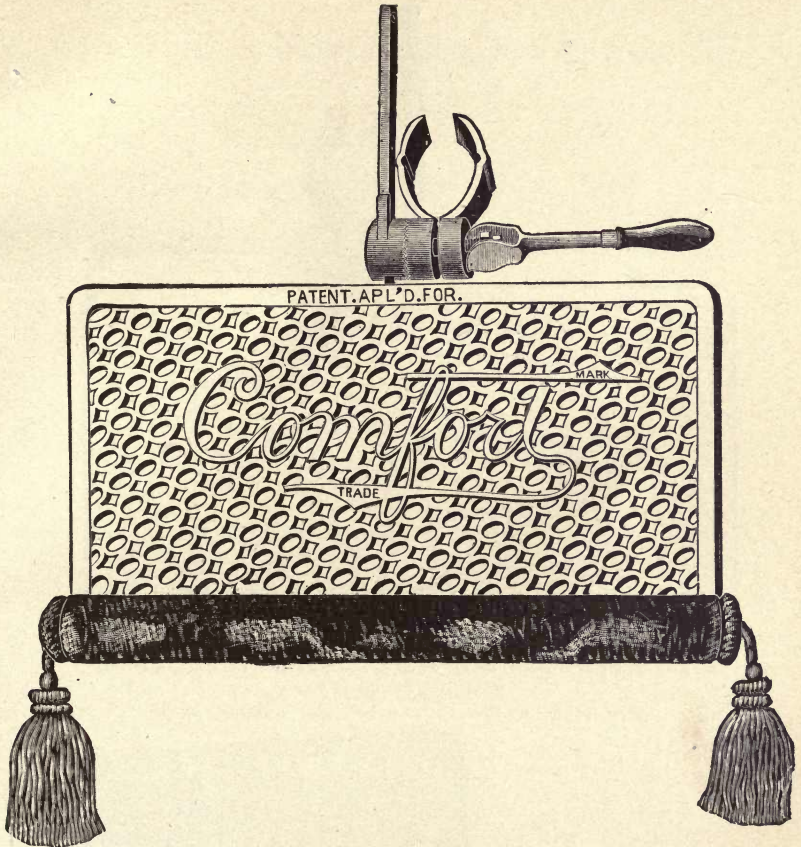
By using the above extension pieces, marble tops can be placed on any Elite Radiator at any time, and we give below list prices on some varieties, although as full a variety as is given on a preceding page can be furnished. These prices are subject to same conditions as to thickness, style of edge, etc., set forth on a previous page.

### LIST PRICES 75 CENTS PER PAIR.

#### LIST PRICE OF ELITE AND COLUMBIA MARBLE TOPS.

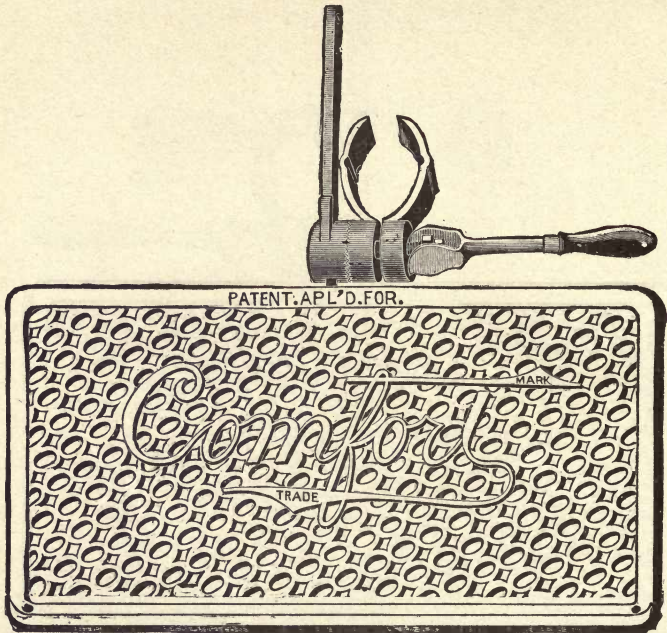
Radiator.	Vermont. (A)	Italian (B)	Knoxville. (C)	Tennessee (D) Glens Falls (E)	Mexican Onyx (F)
2 Section.	\$1 00	\$1 20	\$1 60	\$2 00	\$6 00
3 "	1 25	1 50	2 00	2 50	7 50
4 "	1 50	1 80	2 40	3 00	9 00
5 "	1 75	2 10	2 80	3 50	10 50
6 "	2 00	2 40	3 20	4 00	11 00
7 "	2 85	2 70	3 60	4 50	12 50
8 "	2 50	3 00	4 00	5 00	14 00
9 "	2 75	3 30	4 40	5 50	15 50
10 "	3 00	3 60	4 80	6 00	17 00
11 "	3 25	3 90	5 20	6 50	18 50
12 "	3 50	4 20	5 60	7 00	20 00
13 "	3 75	4 50	6 00	7 50	21 50
14 "	4 00	4 80	6 40	8 00	23 00
15 "	4 25	5 10	6 80	8 50	24 50
16 "	4 50	5 40	7 20	9 00	26 00
17 "	4 75	5 70	7 60	9 50	27 50
18 "	5 00	6 00	8 00	10 00	29 00
19 "	5 25	6 30	8 40	10 50	Price on application
20 "	5 50	6 60	8 80	11 00	" "
21 "	5 75	6 90	9 20	11 50	" "
22 "	6 00	7 20	9 60	12 00	" "
23 "	6 25	7 50	10 00	12 50	" "
24 "	6 50	7 80	10 40	13 00	" "
25 "	6 75	8 10	10 80	13 50	" "
26 "	7 00	8 40	11 20	14 00	" "
27 "	7 25	8 70	11 60	14 50	" "
28 "	7 50	9 00	12 00	15 00	" "
29 "	7 75	9 30	12 40	15 50	" "
30 "	8 00	9 60	12 80	16 00	" "

Unless otherwise specified on orders, all marble bases will be furnished  $1\frac{1}{4}$ " thick.



BUNDY COMFORT FOOT REST WITH COLUMBIA COUPLING AND PLUSH ROLL

The Bundy Comfort Foot Rest is handsome and ornamental, a great convenience, easily and quickly applied, adjustable to any height and angle, even to a horizontal position, when it becomes a convenient seat. May be raised or lowered on the radiator by changing only one screw, so simple in construction that a child can adjust it, and when not in use it can be folded against the radiator entirely out of the way by a single motion of the handle, requiring no more time or exertion than the operating of the Bundy Quick Opening Bonnetless Valve.



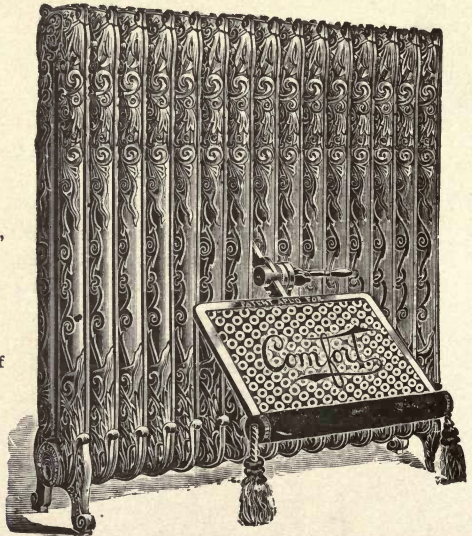
BUNDY COMFORT FOOT REST WITH COLUMBIA RADIATOR COUPLING  
WITHOUT PLUSH ROLL.

Made to fit the following Radiators for both steam and hot water.

Bundy Standard Loop.

- " Enlarged Loop,
- " Extended Surface Loop,
- " Renaissance Standard,
- " " Enlarged,
- " Elite,
- " Columbia,
- " Pyro,

And most any other style of  
Radiator made.



BUNDY COMFORT FOOT REST WITH PLUSH ROLL, ATTACHED TO A BUNDY COLUMBIA  
RADIATOR.

List Prices of Bundy Comfort Foot Rest and Parts.

Bundy Comfort Foot Rests.	Gold Bronzed. Silver Copper Terra Cotta "	Fire Bronzed. Aluminum "	Nickel Plated. Brass Copper Bronze "	Full Nickel and Aluminum Plated.
Complete without plush rolls.....	\$4.00	\$4.50	\$6.00	\$6.50
" " with " " .....	5.25	5.75	7.25	7.75
<b>LIST PRICE OF PARTS.</b>				
Couplings to fit any Radiator.....	2.00	2.00	2.75	2.75
Plate and Support.....	2.00	2.50	3.50	4.00
Silk, Mohair or Car Plush Rolls.....	1.25	1.25	1.25	1.25
Clamps to fit any Radiator.....	.65	.65	1.25	1.25
Handle with any kind of Wood.....	.75	.75	.75	.75
Ratchet .....	.35	.35	.50	.50
Draw Bolt with Check Nut.....	.25	.25	.25	.25
" " without Check Nut.....	.20	.20	.20	.20
Check Nut.....	.10	.10	.10	.10

A SET OF COUPLINGS consists of

One Draw Bolt with Check Nut, One Handle with any kind of Wood, One Ratchet and One set of Clamps to fit any Radiator.

**THE PLUSH ROLLS ARE FURNISHED IN THE FOLLOWING COLORS:**

**Silk Plush Rolls.**

- |                     |                     |                     |
|---------------------|---------------------|---------------------|
| No. 1. Bronze Gold. | No. 4. Royal Blue.  | No. 90. Baby Blue.  |
| " 2. Cardinal Red.  | " 5. Terra Cotta.   | " 91. Orange.       |
| " 3. Sage Green.    | " 6. Ardois Blue.   | " 92. Royal Purple. |
|                     | " 93. Peacock Blue. |                     |

**Mohair Plush Rolls.**

- |                      |                   |                        |
|----------------------|-------------------|------------------------|
| No. 7. Peacock Blue. | No. 8. Old Rose.  | No. 9. Turquoise Blue. |
| No. 10. Bronze.      | No. 11. Mahogany. |                        |

**Car Plush Rolls.**

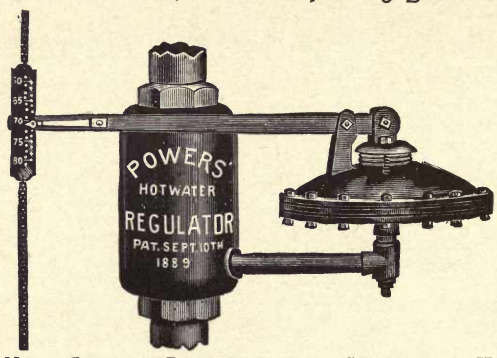
- |                       |                    |                   |
|-----------------------|--------------------|-------------------|
| No. 12. Bronze Green. | No. 13. Greek Red. | No. 15. Old Gold. |
|-----------------------|--------------------|-------------------|

THE HANDLES are furnished in the following hard woods :

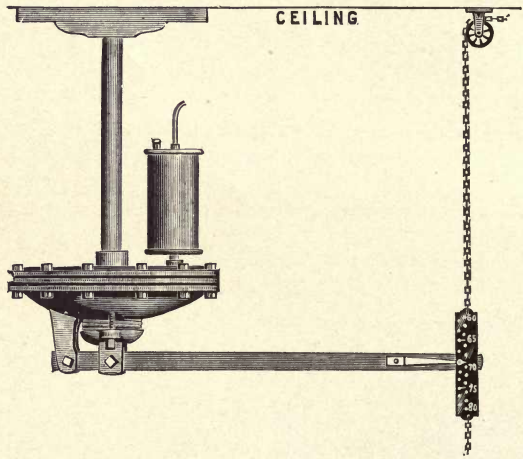
- |           |                      |              |
|-----------|----------------------|--------------|
| Mahogany, | Rosewood,            | Black Ebony, |
| Cocobola, | Black Walnut,        | King Wood,   |
| Tulip,    | Madagascar Rosewood, | Apple Tree.  |

When no particular color is specified for the Plush Rolls or kind of wood for the Handles, that which in our judgment is most appropriate and in keeping with the finish of the Foot Rest will be sent.

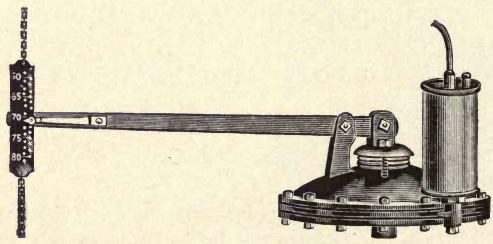
# Powers Duplex Regulators.



NO. 1. LIMITING DEVICE FOR THE CONTROL OF HOT WATER HEATERS AND STEAM SUPPLY VALVES FOR HOT WATER TANKS.  
 Price, Limiting Device, only, \$25.00.



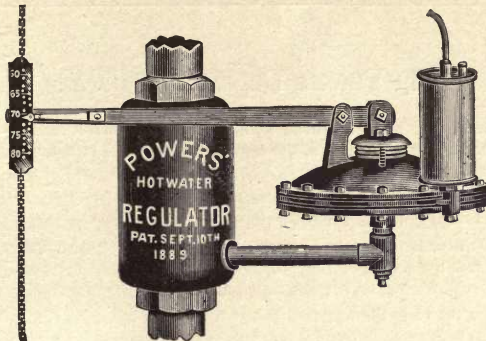
NO. 2. REGULATOR FOR HOT AIR FURNACES AND HOT WATER HEATERS WHERE THE LIMITING DEVICE IS NOT NEEDED TO PREVENT BOILING.  
 Price, complete with Thermostat, \$40.00.



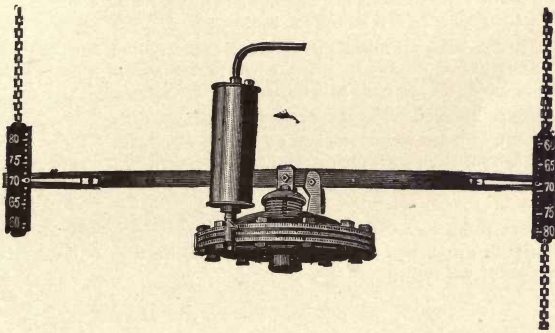
NO. 3. REGULATOR FOR STEAM BOILERS.  
 Price, complete with Thermostat, \$45.00.

ECONOMY IN FUEL URGES THE USE OF THE POWERS REGULATOR.

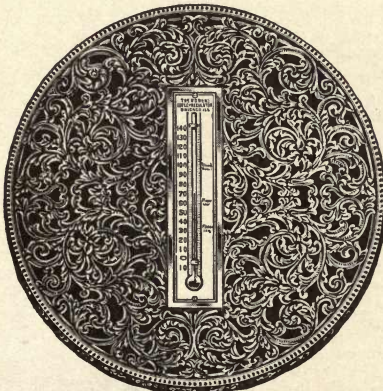
Love of comfort and a desire for health both plead its cause. With either of these champions our cause would seem to be strong; but when all three—HEALTH, COMFORT and the pocketbook—unite in urging the use of the "Duplex Radiator," its general adoption and use is assured. We call it "Duplex" because it has a double action. With steam and hot water it controls both the heater and the house—neither can get too hot. These functions are entirely separate and are performed each in its own time and in perfect harmony with each other.



NO. 4. REGULATOR FOR HOT WATER HEATERS.  
Price, complete with Thermostat, \$50.00.



DOUBLE LEVER ATTACHMENT FOR TWIN HEATERS.  
Price, \$2.00, to be added to price of Steam and Hot Water Regulators.



THERMOSTAT.

give fairly good results. There is but one that is absolutely automatic—one that thrives on neglect, and that is the Powers Duplex Regulator.

None but the Powers Regulator has a Double Action.—With a good heating apparatus it will automatically maintain a uniform temperature without any care or attention whatever, except to put in the fuel and take away the ashes. It will open the damper when it ought to be opened, and will close it when it ought to be closed. It will save you many a trip to the basement. It will save you many a ton of coal, and will give you a degree of comfort and health the value of which is inestimable.

**Bear in Mind!** It is a regulator that does not have to be regulated! There are many devices on the market that are more or less valuable assistants in controlling a heating apparatus. If not neglected and they remain in order they

## The Powers Duplex Regulators.

**Secure and Maintain a Uniform Temperature** by automatically operating the draft-controlling dampers, the temperature itself furnishing the operating power.

**Operate the Dampers with a Gradual Motion**, opening them just enough to do the work and holding them there.

**For Hot Water** it prevents the boiling of the water and those rumbling noises caused by steam being formed. It regulates the temperature, and adds fully 15 per cent. to the heating power of the apparatus.

**For Steam** it prods the apparatus up to the point of giving steam just sufficient to secure the desired temperature, which it maintains and regulates against a higher temperature.

**For Hot Water** it holds the draft door open as long as the temperature is below the point at which it is adjusted, when it closes it, again opening it should the temperature fall below the mark.

**For Hot Water Tanks** it admits the heat giving medium until the water in the tank has reached the desired temperature, then stops the inflow, to repeat the operation as often as it is necessary.

**For Steam Distributing Plants, Offices in Factories, Etc.**, it controls perfectly the temperature when heating by steam discharged through a trap. The steam is admitted until the desired degree of heat is secured, a slight variation in the temperature being sufficient to work any of the Powers Regulators

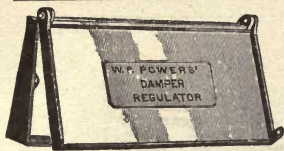
**The Powers Temperature Regulator** has come to be recognized as a necessary adjunct to any heating apparatus, and no one who knows its merits will run a plant without it.

### PRICES OF POWERS AUTOMATIC REGULATORS.

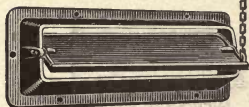
Telegraph  
Cipher

<b>Agate.</b>	No. 1. Limiting Device only, for Hot Water Heaters and Steam Supply Valves for Hot Water Tanks.....	\$25 00
<b>Atlas.</b>	No. 2. Regulator complete, with Thermostat, for Hot Air Furnaces.....	40 00
<b>Dexter.</b>	No. 3. Regulator complete, with Thermostat, for Steam Boilers.....	45 00
<b>Unicorn.</b>	No. 4. Regulator complete, with Thermostat, for Hot Water Heaters.....	50 00
<b>Ulster.</b>	Double Lever Attachment for Twin heaters, Steam or Hot Water Extra,.....	2 00
<b>Valor.</b>	No. 6. Regulator complete, without Steam Balanced Valve, for Steam drained through a Trap..	45 00
<b>Onyx.</b>	Powers Special Valve for use with natural gas, 1 inch	3 00
<b>Oolite.</b>	" " " " " " " 1¼ "	3 50
<b>Oolitic.</b>	" " " " " " " 1½ "	4 50
<b>Oology.</b>	" " " " " " " 2 "	6 00
<b>Amethyst.</b>	Powers Steam Balanced Valve, 1 inch.....	5 00
<b>Amicable</b>	" " " " " 1¼ " .....	6 50
<b>Amical.</b>	" " " " " 1½ " .....	8 50
<b>Amice.</b>	" " " " " 2 " .....	13 00

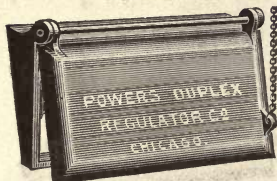




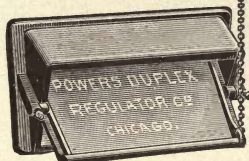
No. 1 Draught.



No. 2 Draught.



No. 6 Draught.



No. 7 Draught.

## Powers Duplex Regulator Draft and Check Dampers.

Dampers Nos. 1, 2, 6 and 7 are designed to bolt on the face of the ash pit door or on a damper that is too heavy, or that does not hang nearly perpendicular. An opening must be cut through the door, full size of the damper frame in side. This is easily done in a machine shop by drilling a row of 1/4 in. holes close together around the piece to be removed. Where the face of the door is curved we can furnish frame to fit, if given the number and make of Heater and a paper pattern showing size and shape and curve of the face on which the damper is to go.

If they do not fit closely stove putty will make them tight.

Numbers 6 and 7 are made with a slanting back for use on dampers that lie too flat. This brings the face of our damper into a nearly vertical position, which is *very important*.

No. 8 fits in the end of a thimble, about 1/2 inch less than the size given. It may be put on the side of any pipe by means of a saddle, which any tinner can make.

No. 9 is the same, only it is provided with a saddle. It is adjustable and can so be used on vertical or horizontal pipe.

These are quick opening and sensitive dampers and *very much superior* to any other form of check and should always be a check draught opening outward, and of similar pattern to these.

Never connect the regulator with any inside turning damper. Good, light, easy working dampers are of vital importance to its success.

### PRICES OF DRAUGHT AND CHECK DAMPERS.

#### No. 1.

4 inch by 6 inch... ..	} \$2.25 each.
4 inch by 8 inch... ..	
4 inch by 10 inch... ..	
6 inch by 6 inch... ..	
6 inch by 8 inch... ..	} \$3.00 each.
6 inch by 10 inch... ..	
6 inch by 12 inch... ..	

#### No. 2.

4 inch by 10 inch... ..	} \$2.25 each.
4 inch by 12 inch... ..	
6 inch by 10 inch... ..	
6 inch by 12 inch... ..	

#### Nos. 6 and 7.

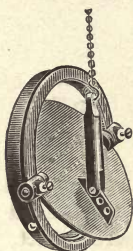
6 inch by 10 inch... ..	} \$2.25 each
6 inch by 12 inch... ..	

#### No. 8.

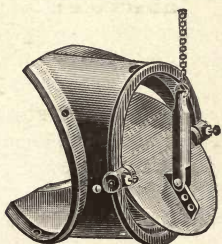
8 inch and 10 inch... ..	\$2.25 each.
12 inch... ..	\$3.00 each.

#### No. 9.

8, 9 and 10 inch... ..	\$3.00 each.
12 inch... ..	\$4.00 each.



No. 8 Check.



No. 9 Check.



BUNDY BRASS SCREEN.

FIG. 40.

The Brass Screens we offer for Bundy Steam and Hot Water Radiators possess rare beauty from an artistic point of view. Being liberally perforated the air passes to and from the Radiator through the screens and so does not impair its efficiency but slightly if at all.

These screens are furnished in Antique Brass (Blackened Gold), Polished Brass (Bright Gold), Oxidized Silver (Blackened Silver) or Bright Nickel, and in plain surface or hammered effect.

When no special style of Brass Screen is specified in order it will be understood that polished brass with plain surface is what is wanted, and the order will be so executed, excepting when Figs. 39, 40 and 44 are mentioned, when hammered bright brass will be furnished, as shown in the cuts.

As all Screens are made to order, from specially prepared stock, sufficient time must be given us in which to produce the goods, and under no circumstances will orders be accepted subject to any countermand or change whatever.

Special design Screens furnished promptly and at a low cost when drawings are furnished.

Bundy Brass Screens.

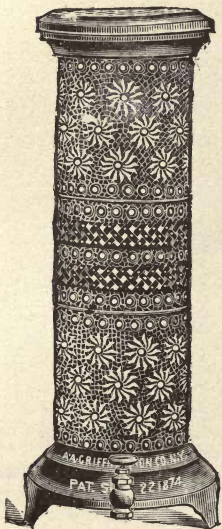


FIG. 39.



FIG. 41.

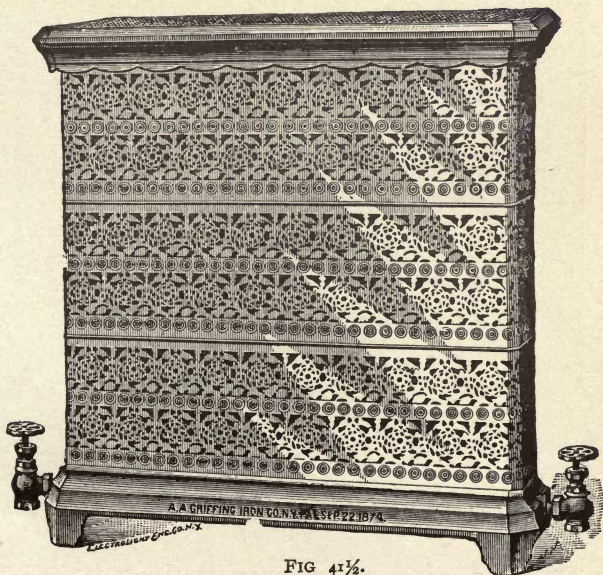


FIG. 41½.

### Bundy Brass Screens.



FIG. 42.

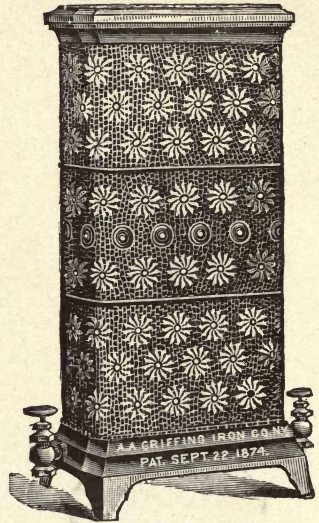


FIG. 44.

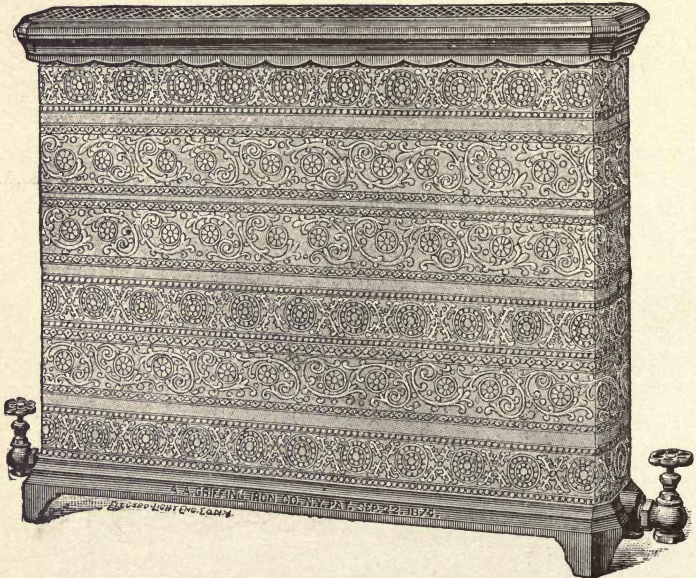


FIG. 39½.

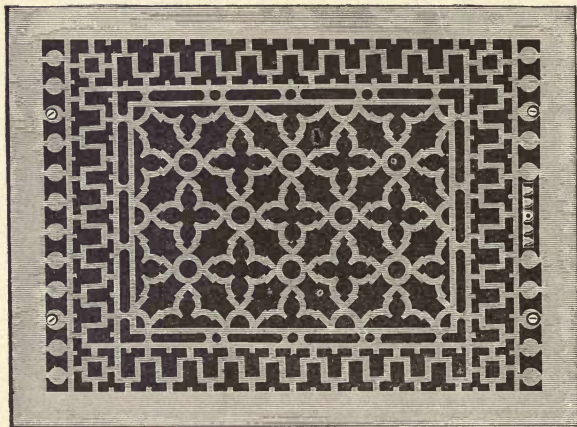
# Bundy Steam and Hot Water Radiator Brass Screens.

FOR STANDARD, ENLARGED AND EXTENDED SURFACE RADIATORS.

Size.	42 inches high.	36 inches high.	30" high and under.
1 X 3	\$24 25	\$20 25	\$16 75
1 X 4	28 75	24 00	20 00
1 X 5	36 00	30 00	25 00
1 X 6	43 25	36 00	30 00
1 X 7	48 50	40 50	33 75
1 X 8	55 75	46 50	38 75
1 X 9	60 25	50 25	41 75
1 X 10	67 50	56 25	46 75
1 X 11	74 75	62 25	51 75
1 X 12	82 75	69 00	57 50
1 X 13	86 50	72 00	60 00
1 X 14	93 50	78 00	65 00
1 X 15	100 75	84 00	70 00
1 X 16	108 00	90 00	75 00
1 X 18	120 50	100 50	83 75
1 X 20	145 00	112 50	93 75
1 X 22	146 75	122 25	102 00
1 X 24	158 50	132 00	110 00
1 X 26	172 75	144 00	120 00
2 X 3	31 50	26 25	22 00
2 X 4	38 75	32 25	27 00
2 X 5	46 00	38 25	32 00
2 X 6	50 50	42 00	35 00
2 X 7	57 50	48 00	40 00
2 X 8	64 75	54 00	45 00
2 X 9	70 25	58 50	48 75
2 X 10	77 50	64 50	53 75
2 X 11	84 50	70 50	58 75
2 X 12	91 75	76 50	63 75
2 X 13	96 25	80 25	67 00
2 X 14	103 50	86 25	72 00
2 X 15	108 00	90 00	75 00
2 X 16	115 25	96 00	80 00
2 X 18	127 75	106 50	88 75
2 X 20	142 25	118 50	98 75
2 X 22	154 00	128 25	107 00
2 X 24	165 50	138 00	115 00
2 X 26	180 00	150 00	125 00
3 X 3	38 75	32 25	27 00
3 X 4	46 00	38 25	32 00
3 X 5	50 50	42 00	35 00
3 X 6	57 50	48 00	40 00
3 X 7	63 00	52 50	43 75
3 X 8	70 25	58 50	48 75
3 X 9	77 50	64 50	53 75
3 X 10	82 00	68 25	57 00
3 X 11	89 00	74 25	62 00
3 X 12	96 25	80 25	67 00
3 X 13	103 50	86 25	72 00
3 X 15	115 25	96 00	80 00
4 X 4	53 00	44 25	37 00
4 X 5	60 25	50 25	42 00
4 X 6	64 75	54 00	45 00
4 X 8	76 25	63 50	53 00
4 X 10	91 75	76 50	63 75
4 X 14	115 25	96 00	80 00
4 X 18	142 25	118 50	98 75
4 X 20	156 50	130 50	108 75
4 X 22	168 25	140 25	117 00
4 X 24	180 00	150 00	125 00
10 Circular.	43 25	36 00	30 00
15 " "	48 50	40 50	33 75
20 " "	55 75	46 50	38 75
26 " "	60 25	50 25	42 00
34 " "	72 00	60 00	50 00
50 " "	86 50	72 00	60 00
74 " "	100 80	84 00	70 00
26 Column.	67 50	56 25	47 00
34 " "	82 00	68 25	57 00
50 " "	100 75	84 00	70 00
10 Corner.	43 25	36 00	30 00
15 " "	53 00	44 25	37 00
20 " "	63 00	52 50	43 75

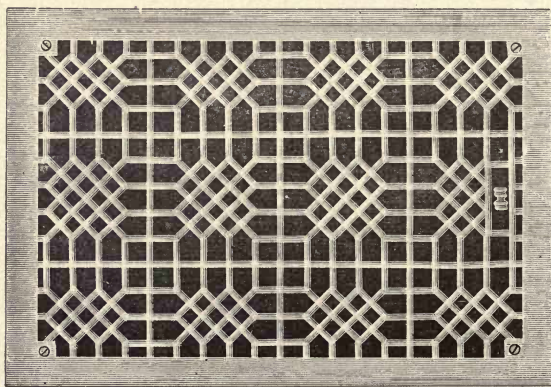
NOTE. For Oxidized Silver and bright nickel add 30 per cent. to above list.

Bundy Registers of New and Attractive Designs.



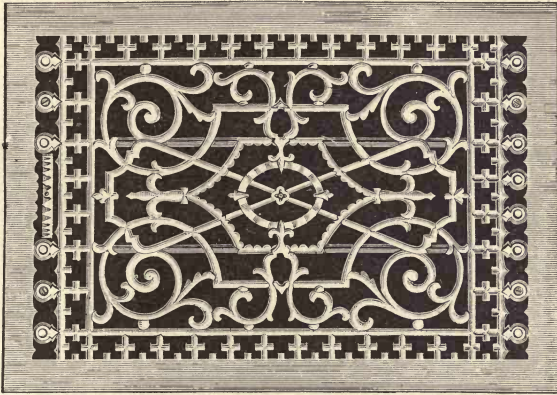
MOORISH DESIGN.

The Moorish Design is made in all sizes shown on accompanying page of list prices.



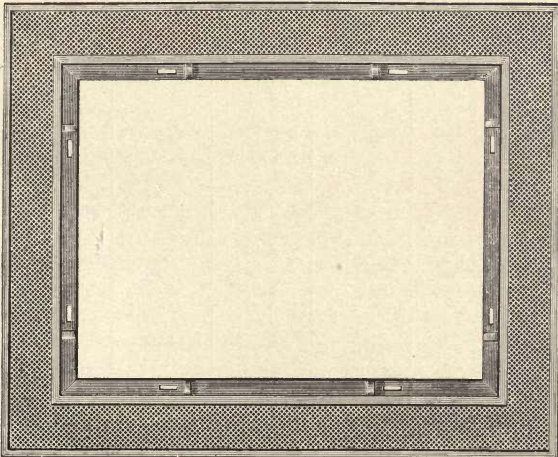
BRAMAH DESIGN.

The Bramah Design is furnished in all sizes marked with a star (\*) on accompanying page of list prices.



BYZANTINE DESIGN.

The Byzantine Design is furnished in all sizes marked with a dagger (†) on accompanying page of list prices.



BYZANTINE BORDER—FLOOR.

The Moorish, Bramah and Byzantine Designs are all furnished in either black or white Japan finish.

## Bundy Vertical Wheel Registers and Ventilators.

JAPANNED—BLACK OR WHITE.

Size of Opening.	Register.	Without Valves.	Register Face.	Vent'r for Cords.	Floor Border.	Wall Frame.
4½ × 6½	\$1 40	\$0 90	\$0 46	\$1 50		\$0 40
4 × 8	1 50	1 00	0 48	1 60		0 40
4 × 10	1 65	1 15	0 50	1 75		
4 × 13	2 00	1 40	0 65	2 10		
4 × 15	2 30	1 60	0 75	2 40	\$1 30	
4 × 18	3 00	2 10	1 10	3 10		
6 × 6	1 80	1 20	0 60	1 90		
†6 × 8	1 90	1 20	0 65	2 00		
†6 × 9	2 00	1 30	0 68	2 10	1 15	0 50
†6 × 10	2 10	1 45	0 70	2 20	1 20	0 60
6 × 14	2 70	1 95	0 90	2 80	1 25	0 65
6 × 16	3 00	2 10	1 10	3 10	1 45	
6 × 18	3 40	2 40	1 35	3 52	1 55	
6 × 24	6 36	4 25	2 15	6 50	1 75	0 70
7 × 7	2 10	1 45	0 70	2 20	2 50	1 20
†7 × 10	2 30	1 60	0 75	2 40	1 15	0 60
†8 × 8	2 25	1 50	0 80	2 35	1 30	0 60
†8 × 10	2 50	1 75	0 85	2 62	1 40	0 70
†8 × 12	2 80	2 00	1 00	2 92	1 50	0 80
†8 × 15	3 60	2 55	1 50	3 72	1 80	0 90
8 × 18	4 20	3 05	1 75	4 32	2 00	1 00
9 × 9	2 65	1 85	1 00	2 75	1 40	0 90
†9 × 12	3 30	2 35	1 25	3 42	1 55	0 90
9 × 13	3 45	2 45	1 35	3 60	1 60	0 95
†9 × 14	3 60	2 55	1 50	3 72	1 65	1 00
†*10 × 10	3 25	2 30	1 20	3 37	1 70	1 00
†*10 × 12	3 60	2 55	1 50	3 72	1 80	1 00
†*10 × 14	4 25	2 90	1 85	4 40	1 90	1 10
†*10 × 16	4 75	3 25	2 15	4 90	2 00	1 20
†*10 × 18	6 00	4 45	2 45	6 15	2 20	
†*10 × 20	6 75	5 10	2 80	6 90	2 40	1 30
†*12 × 12	5 00	3 65	2 10	5 15	2 00	1 00
*12 × 14	5 75	4 30	2 30	5 90	2 30	
†*12 × 15	6 00	4 45	2 40	6 15	2 40	1 20
*12 × 16	6 50	4 75	2 60	6 65	2 50	
†*12 × 17	6 75	5 10	2 80	6 90	2 60	1 30
†*12 × 18	7 00	5 40	3 00	7 15	2 70	1 40
†*12 × 19	7 50	5 70	3 20	7 65	2 80	1 40
†*12 × 20	8 00	6 00	3 40	8 15	3 00	1 50
†*12 × 24	9 75	6 50	3 90	9 90	3 35	1 75
†14 × 14	7 50	5 70	3 15	7 65	2 65	1 50
†14 × 16	8 00	6 00	3 30	8 15	2 90	
†*14 × 18	8 75	6 30	3 50	8 90	3 15	1 60
†14 × 20	9 50	6 60	3 70	9 65	3 40	
†*14 × 22	10 00	6 90	3 90	10 15	3 70	1 80
†15 × 25	13 00	9 25	6 00	13 25	4 25	4 00
†16 × 16	9 25	6 15	3 90	9 40	3 40	1 65
†16 × 20	10 50	7 75	4 95	10 75	3 80	2 00
†*16 × 24	13 00	9 25	6 00	13 25	4 35	4 00
*18 × 24	14 50	10 25	6 75	14 75	5 50	
†20 × 20	13 50	9 65	6 50	13 75	4 75	4 00
†*20 × 24	15 00	10 65	7 00	15 25	6 00	4 25
†20 × 26	17 00	12 00	7 50	17 25	6 75	4 50
†21 × 20	20 00	14 00	8 20	20 50	7 00	5 00
24 × 24	20 00	14 00	8 20	20 50	7 00	5 00
24 × 32	27 00	21 00	11 25	27 50		
*27 × 27	25 00	18 00	10 70	25 50	7 50	5 00
27 × 38	33 00	24 00	14 00		8 00	
30 × 30	30 00	21 00	13 00		7 50	5 00

EXTRA HEAVY, FOR STORES, ETC.

20 × 24	19 00	14 50	10 25		7 50	
27 × 27	30 00	21 00	12 00		7 50	
27 × 38	35 00	26 00	16 00		8 00	

For list of sizes made to order only, see last page.

Ceiling Ventilators, 25 cents extra over regular Ventilators.

\* Sizes marked with a star are furnished in the Bramah design.

† Sizes marked with a dagger are furnished in the Byzantine design.

All above sizes are furnished in the Moorish design.

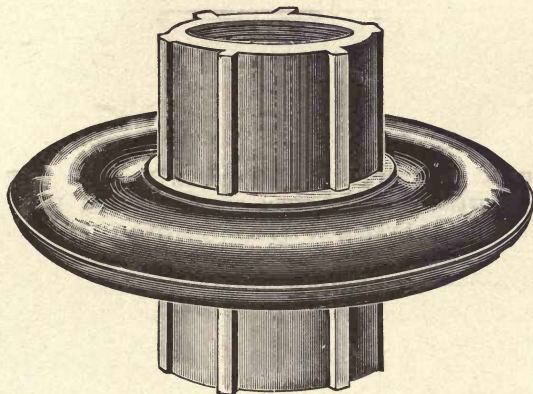


## Bundy Major Improved Elastic Coupling.

TRADE BUNDY MARK.

No Crooks. No Unsightly Bends. No Long Branches. Saves Time in Running Risers. Saves Fuel at Boiler. Circulation Better.

PATENTED FEBRUARY 2, 1886.



BUNDY MAJOR ELASTIC COUPLING.

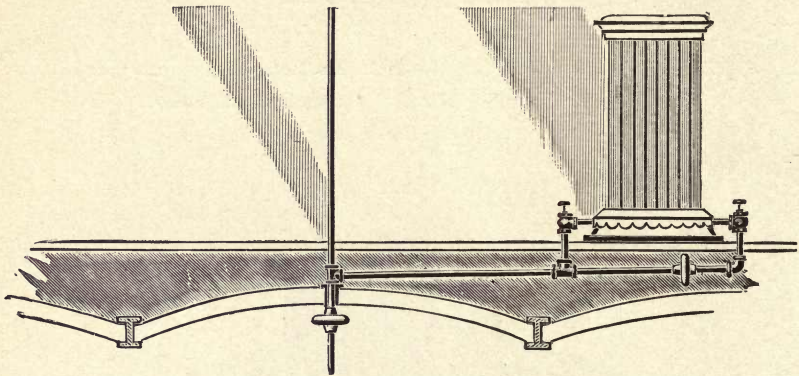
As long as metal expands and contracts with heat and cold, just so long will trouble be experienced with lines of pipe for steam or hot water heating, unless the BUNDY MAJOR IMPROVED ELASTIC COUPLING is used, when all trouble will disappear by its taking up the expansion and relieving all strain on pipes and fittings, also preventing the lifting of radiators from the floor and allowing a free return of condensation to the boiler, as well as stopping all disagreeable noises caused by water in the pipes.

All risers can by this means be carried direct from the basement to the top floor, thereby avoiding all unsightly bends and turns as are now necessary without its use.

The importance of this invention needs no argument. The practical steam fitter instantly appreciates the difficulties overcome by it and the endless complications which it obviates.

These couplings have stood a test of 190 pounds hydraulic pressure.

## The New Way with Bundy Major Improved Elastic } Couplings.



THIS CUT ILLUSTRATES THE UTILITY OF THE BUNDY MAJOR ELASTIC COUPLING IN CONNECTION WITH THE ONE PIPE SYSTEM OF STEAM HEATING.

The following are a few of the many advantages to be gained by using the BUNDY MAJOR IMPROVED ELASTIC COUPLING :

1. All Risers can be run straight from the basement to the top floor.
2. No short pipes to cut and thread for bends and crooks—a saving of time and material.
3. No unnecessary cutting of floors and walls.
4. There being no bends or crooks no water can lodge between floors to rust out and destroy the pipe or leak through the ceiling.
5. No disagreeable noises caused by water in the pipes.
6. No starting of joints.
7. Circulation secured and Radiators warmed with less than one pound of steam at the boiler.
8. A perfect job at less cost.
9. When the job is finished it is perfectly easy, there being no strain at any point,

### PRICE LIST.

1 INCH.	1¼ INCH.	1½ INCH.	2 INCH.	2½ INCH.	3 INCH.
\$2.50	\$2.75	\$3.25	\$4.00	\$5.00	\$6.00

## Bundy "Daisy" Pattern Fret Work Top.

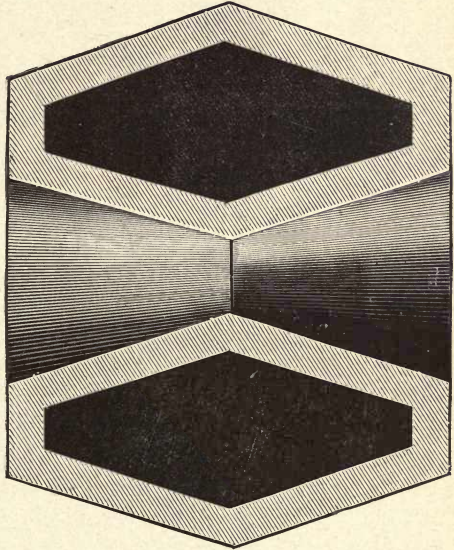


Much can be said in praise of the Bundy Daisy Top. It is strong and there is not much danger of its breaking. So many Radiators have light tops which break the first time anything is set on them, that a good top like that furnished with all Bundy Radiators is appreciated.

The number of daisies in the top correspond with the number of loops in the Radiators, and so the exact size can be ascertained, even when the Radiator is closely packed in among others.

The fret work part of the top can be removed and a marble top set on the binder quickly at any time.

## Bundy Steam and Hot Water Standard Loop.



FULL SIZE CROSS SECTION OF BUNDY RADIATOR LOOP.

A lineal length of 12 inches of the Bundy Standard Loop represents one square foot of heating surface.

The Bundy Enlarged and Extended Surface Loop has 20 per cent more surface.

## Bundy Triumph Steam and Hot Water Direct Radiator.

TRADE TRIUMPH MARK.

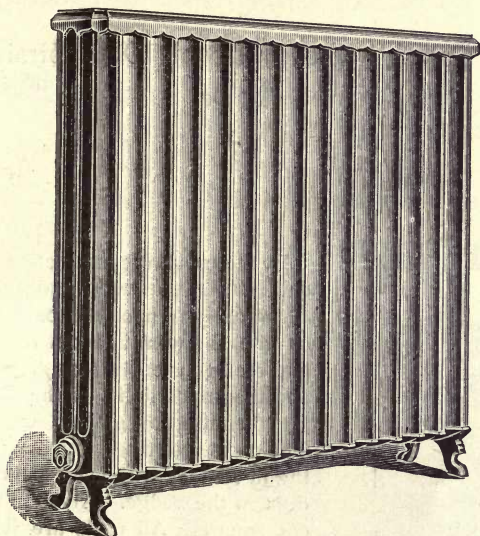
## LIST OF SIZES AND DIMENSIONS.

Number of Sections.	Length in Inches.	OPENINGS.				SQUARE FEET OF HEATING SURFACE.			
		Steam.		Hot Water.	36" high. 5½ square ft. per Section.				
		One Pipe.	Two Pipes						
1	5	1	1	×	3/4	1	×	1	5½
2	8	1	1	×	3/4	1	×	1	11
3	11	1	1	×	3/4	1	×	1	16½
4	14	1	1	×	3/4	1	×	1	22
5	17	1½	1	×	3/4	1	×	1	27½
6	20	1½	1	×	3/4	1	×	1	33
7	23	1½	1	×	3/4	1	×	1	38½
8	26	1½	1½	×	1	1½	×	1½	44
9	29	1½	1½	×	1	1½	×	1½	49½
10	32	1½	1½	×	1	1½	×	1½	55
11	35	1½	1½	×	1	1½	×	1½	60½
12	38	1½	1½	×	1	1½	×	1½	66
13	41	1½	1½	×	1	1½	×	1½	71½
14	44	1½	1½	×	1	1½	×	1½	77
15	47	1½	1½	×	1½	1½	×	1½	82½
16	50	1½	1½	×	1½	1½	×	1½	88
17	53	1½	1½	×	1½	1½	×	1½	93½
18	56	1½	1½	×	1½	1½	×	1½	99
19	59	2	1½	×	1½	1½	×	1½	104½
20	62	2	1½	×	1½	1½	×	1½	110
21	65	2	1½	×	1½	1½	×	1½	115½
22	68	2	1½	×	1½	1½	×	1½	121
23	71	2	1½	×	1½	1½	×	1½	126½
24	74	2	1½	×	1½	1½	×	1½	132
25	77	2	1½	×	1½	1½	×	1½	137½

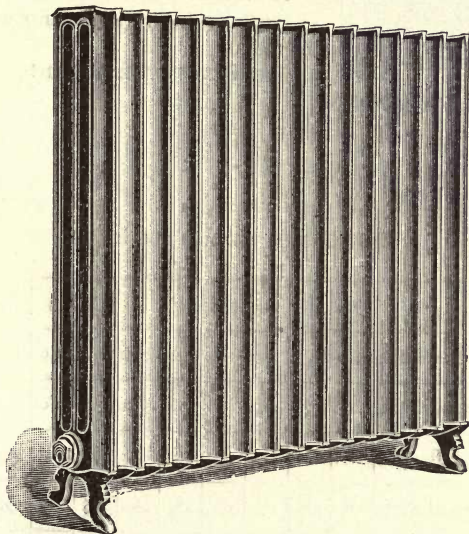
Width of legs, 8½"; sections, 8". Center of Tapping distant from floor about as follows, if tapped ¾"—4⅝"; 1"—4¾"; 1¼"—4⅞"; 1½"—5"; 2"—5". The distance varies on account of using detachable bushings, which are tapped eccentric. This radiator is furnished with detachable legs which are fastened to the sections with machine screws.

Radiators will be tapped Right Hand in accordance with above list unless otherwise ordered.

By the use of legs 1" or 2" higher and lower, the Bundy Triumph Radiator may be had in the following heights: 34", 35", 36", 37" and 38", but unless otherwise specified on orders, Radiators will be furnished with legs to build 36" high, and with ornamental cast iron fret work top.



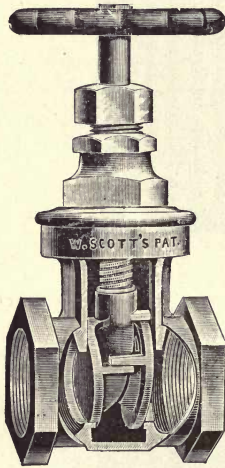
BUNDY TRIUMPH RADIATOR.



BUNDY TRIUMPH RADIATOR, WITHOUT TOP.

For list of sizes, see opposite page.

## Scott's Patent Improved Double Disk Straight-Way Valve.



PATENTED MAY 25th, 1880.

By the peculiar construction of the patent *cylindrical wedge* and the *full circular bearing* upon the back of the disk or gate, the wear is taken from the face and seat, thus ensuring a *perfect seating* and the impossibility of the disks springing, bending or getting out of shape. The disks are raised by their lugs coming in contact with corresponding shoulders on the wedge. All stem threads are cut square. All parts are interchangeable, and can be supplied upon short notice.

A first-class valve throughout.

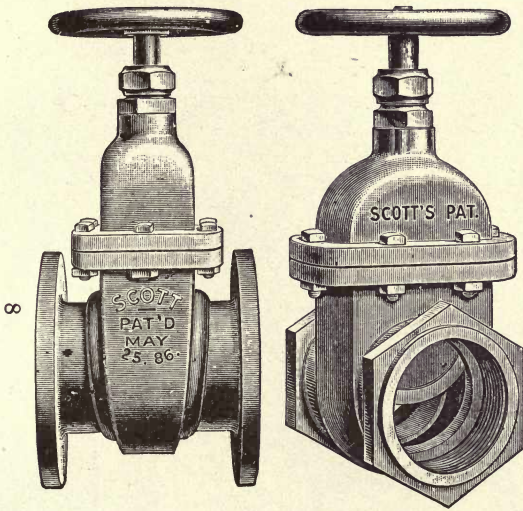
Superior in workmanship and quality of metal.

**THE BEST IN THE WORLD!**

### BEST STEAM METAL, ALL BRASS.

Size, Inches.....	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6
Price, Screwed Ends	\$1.30	1.75	2.50	3.50	5.00	7.50	15.00	22.00	.....	.....	.....	.....
Price, Flanged Ends	.....	.....	.....	.....	.....	15.00	25.00	30.00	.....	.....	.....	.....
Diameter of Flanges	.....	.....	.....	.....	.....	6	7	7 1/2	8 1/2	9	10	11
Face to Face } Screwed Ends	2 3/8	2 1/2	2 7/8	3 1/4	3 1/2	4 1/8	4 1/2	4 7/8	6 1/8	6 3/4	.....	.....
Face to Face } Flanged Ends	.....	.....	.....	.....	.....	5 1/8	6 3/8	7 1/8	7 3/4	8 1/2	8 3/4	10 3/4

Scott's Double Disc Gate Valve, Iron Body, Brass Mounted.  
Mounted.



Flange End.

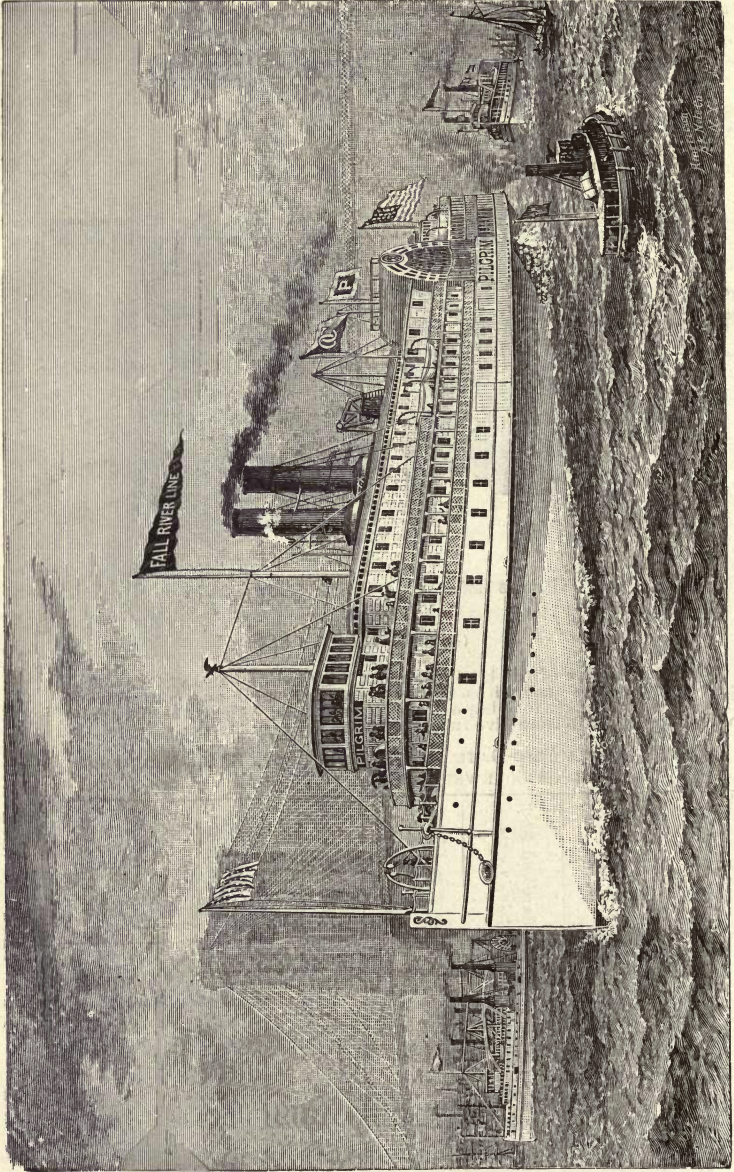
Screw End.

(Patented May 25, 1883.)

These valves are of the kind known as "DOUBLE DISC GATE VALVES," and have been designed with a special view to strength and compactness. They are remarkable for simplicity of construction. Please be particular when ordering valves to give full description in every respect.

SCOTT'S DOUBLE DISC GATE VALVE, IRON BODY, BRASS MOUNTED.  
FLANGED OR SCREWED END. ALSO ALL IRON VALVES.

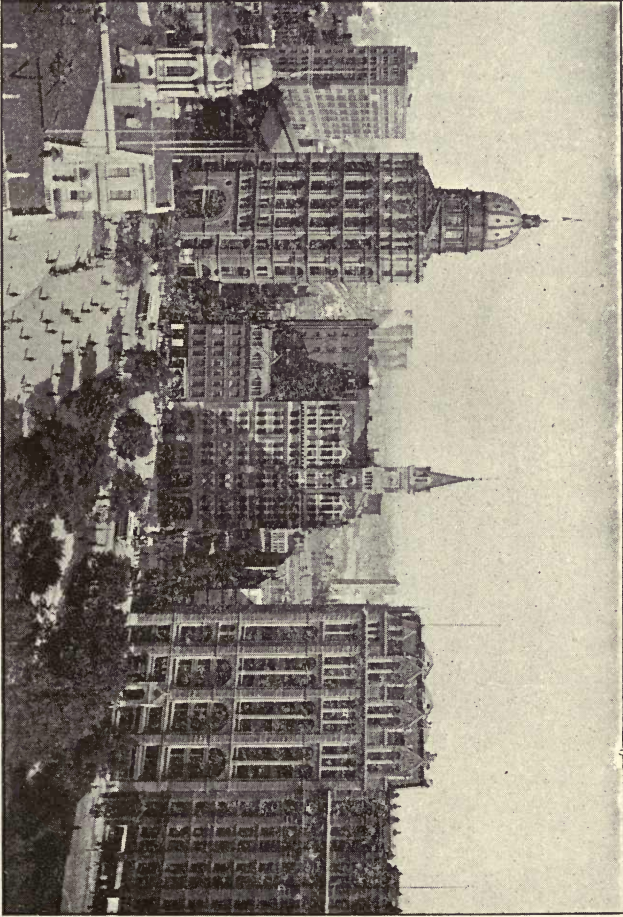
Size, Inches.	PRICE.	Screwed End, Face to Face.	Screwed End, Finished Weight, Lbs.	Flanged End, Face to Face.	Flanged End, Finished Weight, Lbs.	Flanged End, Diameter of Flange.
2	\$10 00	5 3/8	12	6	18	6 1/2
2 1/2	12 00	6 1/4	23	6 3/4	32	7
3	15 00	7 1/8	30	7 1/8	38	8
3 1/2	18 00	7 3/4	36	8 1/8	50	8 1/2
4	20 00	9	52	8 3/4	60	9
4 1/2	23 00	9 3/4	58	8 7/8	78	9 1/2
5	25 00	9 3/8	70	9 3/8	90	10
6	30 00	10 3/4	105	11	135	11
7	40 00	11	145	11 1/4	165	11
8	50 00	12 1/8	200	12 1/4	218	14
9	57 00	13	276	13	320	14 3/4
10	65 00	13 1/4	300	13 3/4	360	16
12	90 00			14 5/8	475	19
14				17 3/4	745	21
16				19 1/2	1100	23
18				20	500	25
20				25	1050	27



## FALL RIVER LINE STEAMBOAT "PILGRIM," HEATED WITH BUNDY RADIATORS.

All Steamboats of the Fall River Line are heated with the Bundy Radiator, including the Priscilla, Puritan, Pilgrim and Plymouth.





WORLD  
BUILDING.

SUN  
BUILDING.  
NEW YORK CITY.

TRIBUNE  
BUILDING.

TIMES  
BUILDING.

POTTER  
BUILDING.

ALL HEATED WITH THE BUNDY STANDARD RADIATOR.



COUNTRY HOME OF HON. GROVER CLEVELAND, WOODLEY, D. C.

LEON DESSEY, Architect.

H. GRAHE, Heating Contractor.

HEATED WITH BUNDY RADIATORS.



**HOTEL NEW NETHERLAND,**

NEW YORK CITY.

W. H. HUME,

Architect.

GILLIS & GOEGHEGAN,

Heating Contractors.

HEATED WITH BUNDY RADIATORS.



**EDISON BUILDING,**  
NEW YORK CITY.

BAKER, SMITH & CO., Heating Contractors.

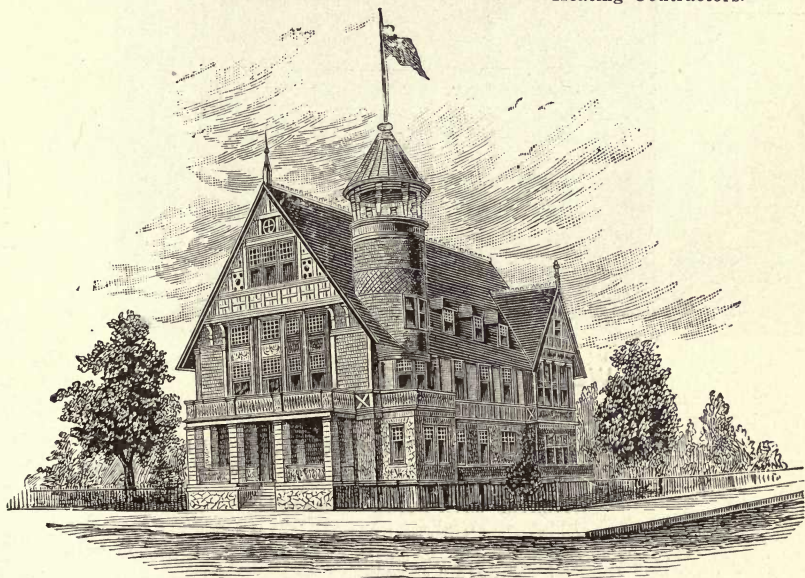
HEATED WITH BUNDY RADIATORS.



**HOTEL KENMORE,**  
ALBANY, N. Y.

FULLER & WHEELER,  
Architects.

ROBBINS, GAMWELL & CO.,  
Heating Contractors.

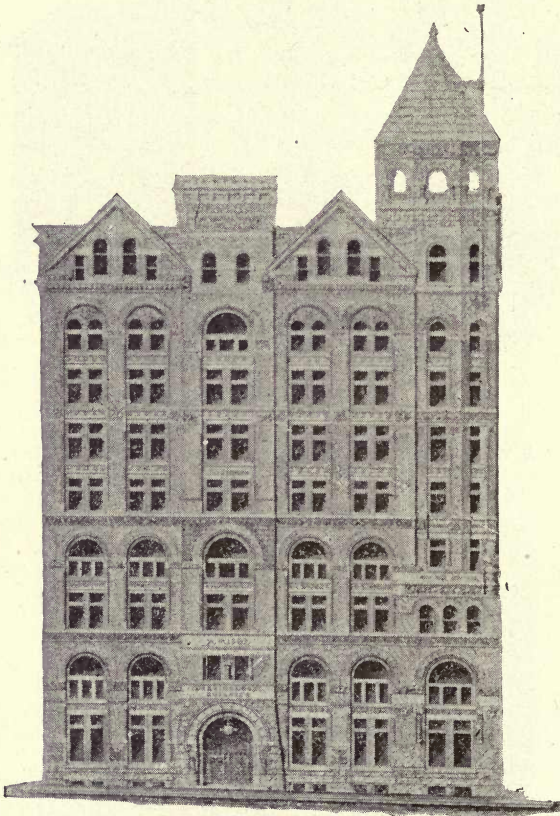


**JERSEY CITY CLUB,**  
JERSEY CITY, N. J.

F. P. DINKLEBERG,  
Architect.

BAKER, SMITH & CO.,  
Heating Contractors.

HEATED WITH BUNDY RADIATORS.



**WESTINGHOUSE BUILDING,**  
PITTSBURG, PA.

ANDREW PEBBLES,  
Architect.

TOMPKINS & ULLRICH,  
Heating Contractors.

HEATED WITH BUNDY RADIATORS.



**HOTEL IMPERIAL,**  
NEW YORK CITY.

MCKIM, MEAD & WHITE,  
Architects.

GILLIS & GOEGHEGAN,  
Heating Contractors.

HEATED WITH BUNDY RADIATORS.



**UNION STOCK EXCHANGE,**  
NEW YORK CITY.

GEORGE B. POST,  
Architects.

BAKER, SMITH & CO.,  
Heating Contractors.

HEATED WITH BUNDY RADIATORS.



## And now a Few Words Regarding the Following Pages.

WE are frequently requested by parties who are corresponding with us relative to the most approved methods of Heating and Ventilation to give them the names of reliable houses manufacturing goods required in new buildings, such as Elevators, Gas Fixtures, Blinds, Roofing Tin, etc., and so have concluded to devote these few remaining pages to illustrating and describing such goods as will likely interest our readers, and if parties will write the various concerns mentioned they will secure a vast amount of valuable information. The sending of a postal card to each one will be sufficient. In writing, kindly always mention "Bundy Radiator Catalogue."

A. A. GRIFFING IRON CO.



## Fine Catalogue Illustrations.

Specimen Proofs in any line of Engraving  
sent on application.

When writing Advertisers, please mention Bundy Radiator Catalogue.

# The Imperial

## Portable <sup>Steam and</sup> Hot Water <sup>Boiler</sup>



---

Will keep your house Warm  
Night and Day.  
Is No Back Number.  
It Leads Them All.  
The Most Perfect Worker.  
The Best Looker.  
And it Radiates No Heat in  
Basement.

---

Is a Steel Boiler with Cast Iron  
Fire Box.  
Also Double Return Flue, which  
is All Vertical and Self  
Cleaning.  
Has More Direct Fire Surface  
than any other Boiler made  
and  
No Packed Joints.

---

NO CHARGE MADE

—FOR—

## Plans and Specifications.

---

MANUFACTURED BY

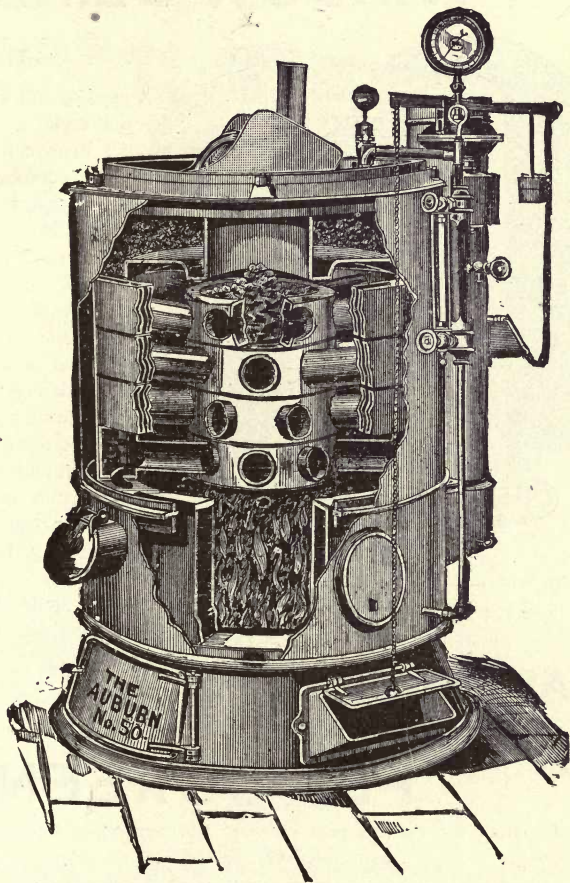
# GAYLORD & EITAPENC,

## BINGHAMTON, N. Y.

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*When writing Advertisers, please mention Bundy Radiator Catalogue.*

THE AUBURN  
 STEAM AND HOT WATER SELF FEEDING BOILER  
 FOR LOW PRESSURE HEATING.



Economical in fuel. Durable. Easily Erected. Prices Low.  
 Magazines made by water ring. Cannot burn out or  
 make gas. Boilers fully up to rating.

For Catalogue and Discount apply to

**F. W. WRIGHT,**  
 NEW YORK: 15 Dey Street.

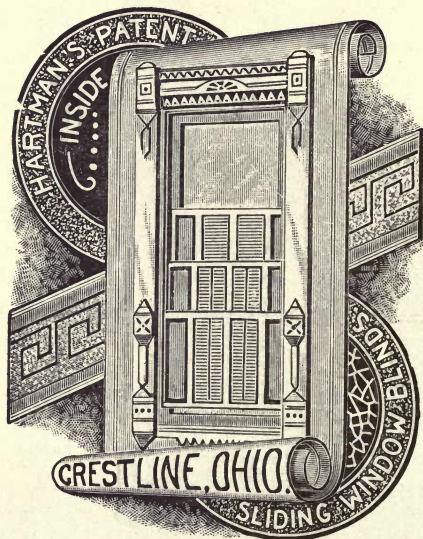
CHICAGO:  
 34 Dearborn Street.

BOSTON:  
 177-179 Fort Hill Square.

PHILADELPHIA:  
 18 South Seventh Street.

*When writing Advertisers, please mention Bundy Radiator Catalogue.*

# HARTMAN'S SLIDING WINDOW BLINDS.



A pleasing substitute for the old style of hinged blinds; more convenient and more durable, combined with elegance and comfort; slide up and down like sashes; easily moved and stay where placed. Artistic styles and finishes made to order, with slat and panel work of beautiful designs; frames light and strong; can be removed and replaced in a moment without the use of tools; require no special frame, as they can be attached with equal facility

to any window, old or new. None such can be obtained elsewhere. The most popular blind in the market; tens of thousands are in use.

• • • • ALSO • • • •

## HARTMAN'S NEW AND IMPROVED FLY SCREENS,



Which permit the flies to pass out and not return; a feature much appreciated by the ladies.

SEND 6 CENT STAMP FOR THEIR NEW 100 PAGE ILLUSTRATED CATALOGUE. AGENTS WANTED EVERYWHERE.

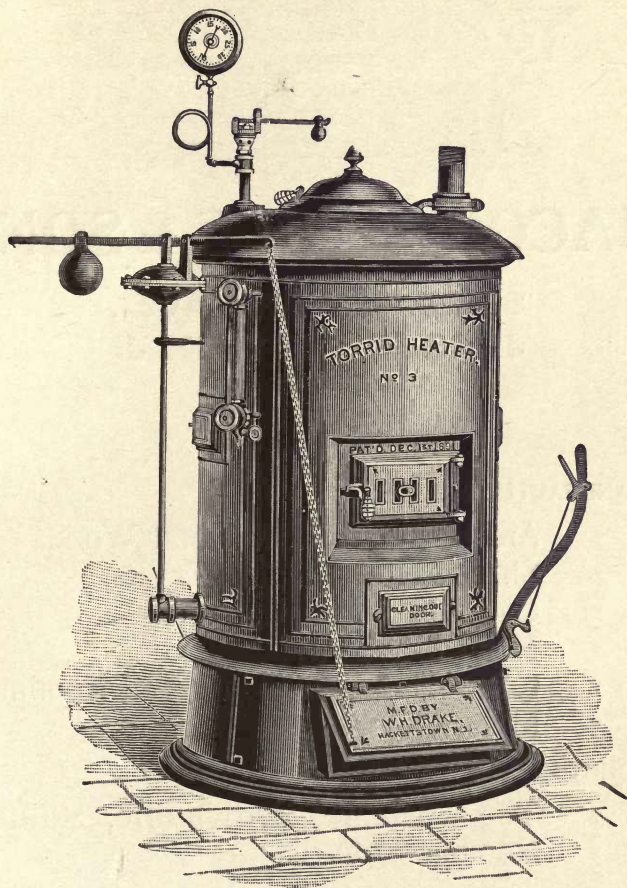
ADDRESS:

**HARTMAN SLIDING BLIND CO.,**  
**CRESTLINE, OHIO, U. S. A.**

No. 33 Lincoln Avenue.

*When writing Advertisers, please mention Bundy Radiator Catalogue.*

# “TORRID” HEATER, FOR STEAM OR HOT WATER.



“THE  
TORRID”

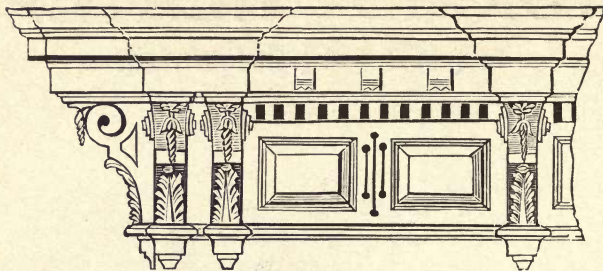
Is Practical in Design.  
It is Safe, being Tested to 200 Pounds.  
It is Easy to Manage and Keep Clean.  
It is Durable.  
It is Sectional and Easily Handled.  
It has no Packed Joints.  
It is Self-Feed or Surface-Burning.  
It has the “Torrid” Rocking and Dumping Grate.  
It is Low in Price.

Manufactured by  
Send for Catalogue.

**W. H. DRAKE,**  
Hackettstown, N. J.

When writing Advertisers, please mention Bundy Radiator Catalogue.





# JACOB RINGLE & SON,

**83-85 NEWARK AVE.,  
JERSEY CITY, N. J.**

**TELEPHONE 463.**



**MANUFACTURERS OF . . .**

- ▼ Architectural Sheet Metal Work,
- ▼ Sheet Metal Building Fronts,
- ▼ Galvanized Iron Cornices,
- ▼ Metal Skylights,
- ▼ Corrugated Iron Siding and Roofing,
- ▼ Metal Ceilings.

**AGENTS FOR . . . . .**

- ▼ The Celebrated Brownville, Maine,
- ▼ Roofing Slate.

**ALSO, . . . . .**

- ▼ Metal, Slate, Tile, and Gravel Roofing.



**ESTIMATES FURNISHED FOR WORK  
IN ANY PART OF THE COUNTRY.**

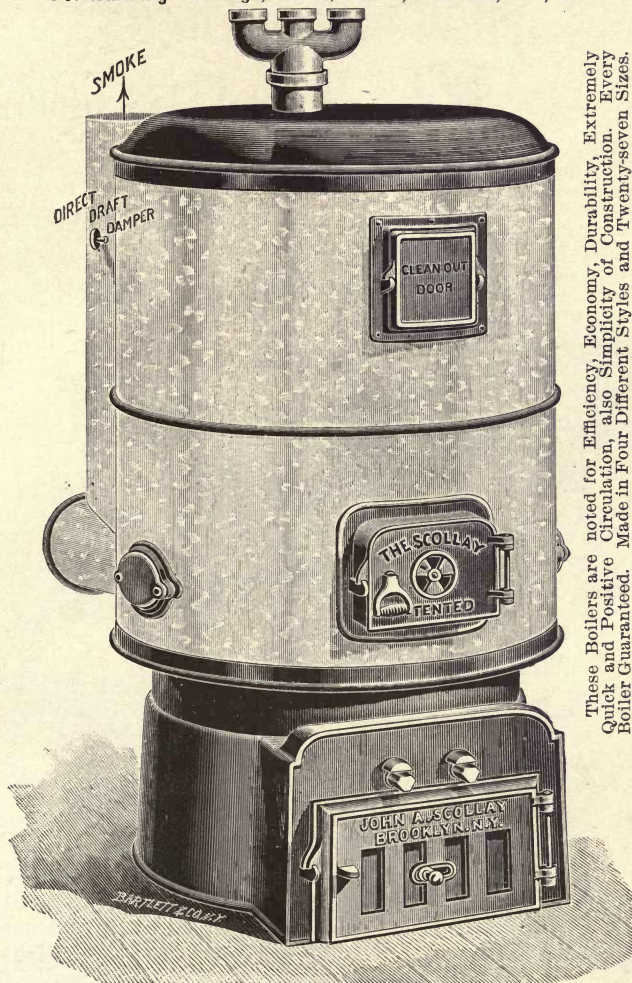
**. . SEND FOR CATALOGUE. . .**

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*When writing Advertisers, please mention Bundy Radiator Catalogue.*

# The Scollay Hot Water Boilers

For Warming Dwellings, Stores, Offices, Churches, Etc., Etc.



These Boilers are noted for Efficiency, Economy, Durability, Extremely Quick and Positive Circulation, also Simplicity of Construction. Every Boiler Guaranteed. Made in Four Different Styles and Twenty-seven Sizes.

**THE SCOLLAY BOILER, C SERIES.**—The "C Series" are specially adapted for house warming. They have direct and revertible flue. All inner parts are easy of access for cleaning.

Also the "SCOLLAY" IMPROVED SECTIONAL BOILER for warming large buildings of every description, and the celebrated patent "PORTABLE BOILER" for greenhouses, poultry houses, gas holders, swimming tanks, baths, baptisteries, laundries, etc., etc.

Illustrated catalogue and price-list mailed free on application.

**JOHN A. SCOLLAY, 74 & 76 Myrtle Avenue, Brooklyn, N. Y.**

*When writing Advertisers, please mention Bundy Radiator Catalogue.*

# Bradley & Hubbard Mfg. Co.,

DESIGNERS AND MAKERS OF

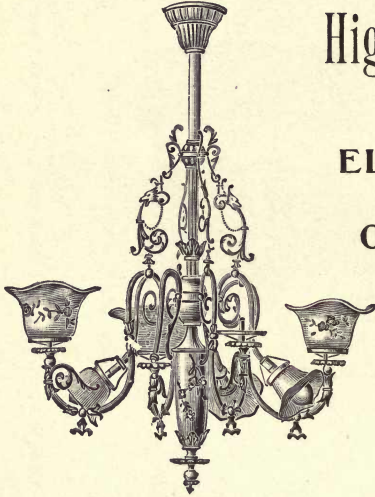
## High Class Goods,

GAS,

ELECTRIC LIGHT,

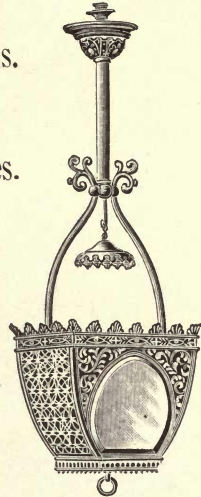
OR

OIL FIXTURES.



New  
Designs.

Fine  
Finishes.



## FIRE-PLACE FURNITURE,

Fenders, Andirons,  
Fire Sets, Etc.



THE CELEBRATED

### B. & H. Lamps.

Best in Every Particular.

## ART METAL GOODS,

New and Attractive Finishes.

You are invited to inspect our Productions  
at our Salesrooms.

NEW YORK :  
26 Park Place.

BOSTON :  
160 Congress St.

CHICAGO :  
204 Masonic Temple.

PHILADELPHIA :  
710 Betz Building.

Factories and Offices: **MERIDEN, CONN.**

WE WILL BE GLAD TO SEND YOU OUR LITTLE BOOK.

*When writing Advertisers, please mention Bundy Radiator Catalogue.*



# • The McLellan Sectional • Safety Steam Boiler

V.M.C.

1105

PATENTED NOV. 1, 1892.

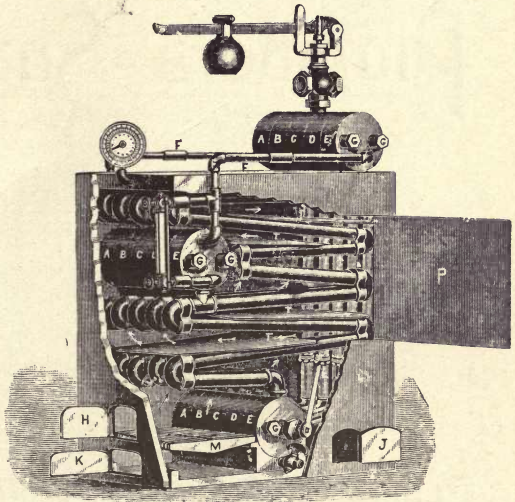
In sizes from 10 horse-power to 100 horse-power, and to carry steam from 10 pounds to 150 pounds with safety.

For . . . .

Heating Buildings of all kinds by Steam.

Also for Running Engines.

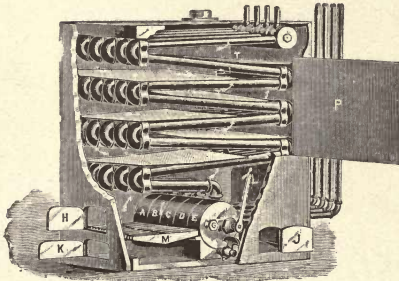
Has Shaking and Dumping Grate, burns No. 2 Chestnut Coal and all other kinds of fuel.



BOILER COMPLETE, WITH CASING CUT AWAY.

## LITTLE WONDER ..... SECTIONAL HOT WATER HEATER. THE BEST HEATER ON EARTH.

Heating Power in square feet of direct radiator, from 300 feet to 5000 feet.



LITTLE WONDER SECTIONAL HOT WATER HEATER.

Send for descriptive circulars.

Will sell State Rights or take a partner with means to increase the business.

ADDRESS :

**C. T. McLELLAN**

PATENTEE AND BUILDER,

**EASTON, PA.**

*When writing Advertisers, please mention Bundy Radiator Catalogue.*

R. M. WILSON,  
ROME, N. Y.,

MANUFACTURER OF

# Plumbers' Supplies.



COPPER BATH TUBS  
A SPECIALTY.

COPPER RANGE BOILERS,  
COPPER SINKS,  
COPPER BALLS.



## **PLUMBERS' CABINET WORK.**

Water Closet Tanks, Seats, Tank Boards, &c.  
Flush and Supply Pipes.

## **PLUMBERS' BRASS WORK.**

Bath Traps, Bath Plugs, Bath Wastes, Bath Cocks,  
Lavatory Traps, Brackets, Waste Supply Pipes,  
Brass Ferules, Trap Screw Ferules, Valves,  
Ball Cocks, Floor Plates, Boiler Couplings, &c.

## **LEAD DRUM TRAPS,**

Made from Drawn Lead.



NEW YORK OFFICE :

**92 Walker St., near Centre.**

SEND FOR CATALOGUE.

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*When writing Advertisers, please mention Bundy Radiator Catalogue.*

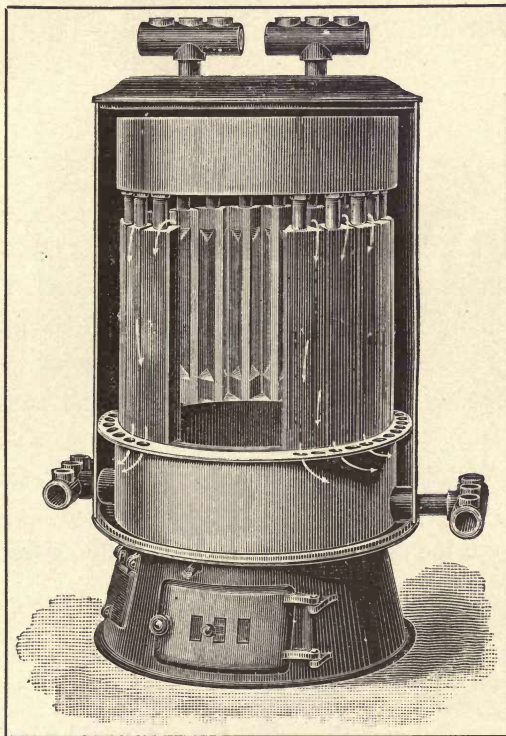
# Standard

Agents Wanted

Hot Water or Steam.

# Boilers

**GIVES HEAT WITH LITTLE EXPENSE.**



**NO GAS, DUST OR DANGER.**

Rapid Circulation, Unobstructed Water Ways, Sheet  
Fire Surfaces, Down Draft Exit, Economical.

**GIBLIN & CO.,**

This Boiler Sells Itself.

**UTICA, N. Y., U. S. A.**

*When writing Advertisers, please mention Bundy Radiator Catalogue.*

# A Good Tin Roof.



## HOW TO SECURE IT.

Use the Genuine Taylor “**Old Style**” Brand of Extra-Heavy Coated Roofing Tin. . . . .



## WHAT IS IT ?

The Genuine Taylor “**Old Style**” is the same kind of Roofing Tin that was **first made** in Philadelphia in 1830, and then handled by N. & G. TAYLOR CO. This tin covers many of the oldest buildings in Philadelphia and elsewhere, and these tin roofs are **just as good** to-day as when first put on, over **60 years ago**. The wear is the true test of value. Beware of “imitations” sold under similar sounding names; none is the genuine unless each sheet is stamped with the thickness, trade-mark and brand, and the name of **N. & G. Taylor Co., guarantors**.

SAMPLES SENT ON APPLICATION.



None Genuine without  
this stamp on each  
sheet.



## N. & G. Taylor Co.,

Manufacturers,

## Philadelphia.

ESTABLISHED 1810.—85th YEAR.

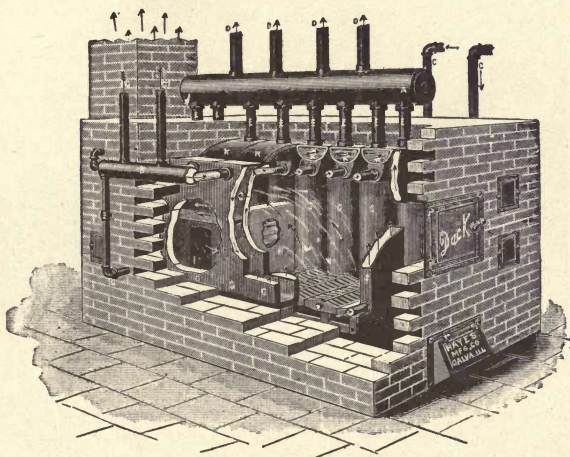
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*When writing Advertisers, please mention Bundy Radiator Catalogue.*

# THE DACK ..

- Hot Water
- Circulating Boiler

IS THE LATEST AND BEST.



It has return flues, compelling the heat to travel three times the entire length of boiler before entering chimney, thus insuring economy in fuel.

Write for Catalogue and Prices.

## The Hayes Pump & Planter Co.

10 Ash St., GALVA, ILL.

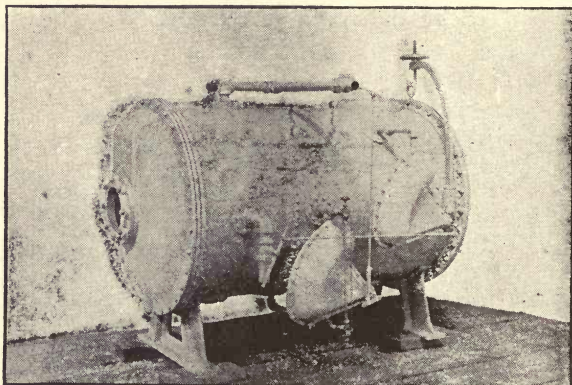
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*When writing Advertisers, please mention Bundy Radiator Catalogue.*

# Improved Heater

## Receiver and Purifier

The engraving shows an Improved Heater, designed with especial reference to the wants of Architects and . . . . Engineers in large heating systems . . . .



It utilizes the exhaust for heating and receives the returns from the heating system and is automatic in the control of the cold water and of the returns. This Heater is furnished with a large amount of heating surface for heating the water and for depositing the scale producing salts, and also a large water space for the heated water and returns. An oil extractor is arranged to remove the oil from the steam before it enters the Heater. The inlet and outlet of the Heater are so placed that there is no danger of water entering the cylinder even if it were not automatically controlled, but the water to and from the Heater is automatically controlled. When the head is removed, access can be had to every part for removing the shelves and cleaning the Heater. The heads and shell are made to resist back pressure in heating systems.

. . . THE . . .

**Stilwell-Bierce & Smith-Vaile Co.**

**DAYTON, OHIO.**

*When writing Advertisers, please mention Bundy Radiator Catalogue.*

**McNAB & HARLIN MFG. CO.,**

Manufacturers of

**BRASS**   
 **COCKS,**

PLUMBERS' BRASS WORK,

Globe Valves, Gauge Cocks,  
Steam Whistles, Water Gauges,

WROUGHT IRON PIPE AND FITTINGS,

... AND ...

Plumbers' and Gas Fitters' Tools.

---

**NO. 56 JOHN STREET,  
NEW YORK.**

Factory: PATERSON, N. J.

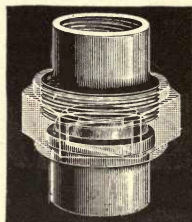
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*When writing Advertisers, please mention Bundy Radiator Catalogue.*

*In suit against infringement the Keystone Union Patent has been fully sustained June 5th, 1894, by U. S. Circuit Court.*



**PATENTED**  
**AUGUST 2d, 1887.**



MANUFACTURERS OF THE

---

---

# KEYSTONE SOFT METAL UNION

---

---

The KEYSTONE UNION is packed in the head piece with a concave soft metal washer made of Keystone Metal, which is forced by heavy pressure into an undercut groove; this head piece, coming in contact with the opposing convex tail piece, forms a Ball-Joint. The following are the principal advantages over other unions on the market:

Can be made tight without a perfect alignment of the piping.

Can be screwed and unscrewed indefinitely without injury.

Requires but little pressure to make a tight joint.

The construction of the seat insures a tight joint.

KEYSTONE UNIONS are furnished with COMPOSITION PACKING for HIGH STEAM PRESSURES.

Have been adopted by a large number of Locomotive Builders and Railroads as their Standard Union. They are well adapted for use on Marine Boilers and Engines, Steamboat Work, Gas Engines, Radiators, Steam Heating, Chemical Works, Salt Mines, Ice Machines, or any place difficult of access for repairs, as they do not require the replacing of washers and take the place of long screws, particularly for hot water connections.

**REQUIRE NO WASHER.**

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## STANLEY G. FLAGG & CO.,

**NORTH 19th STREET,**

**PENNSYLVANIA AVENUE AND HAMILTON STREET,**

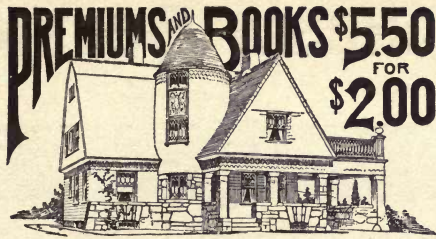
**PHILADELPHIA, PA.**

Manufacturers of Malleable Iron and Cast Iron Fittings, Etc., for Connections of Wrought Iron Pipe.

---

*When writing Advertisers, please mention Bundy Radiator Catalogue.*





THE subscription price of "Shoppell's Modern Houses" has previously been \$4.00 a year. We now propose to give the same number of new designs (35, costing from \$600 to \$12,000) in each number at a reduced price. Our object is to double the circulation.

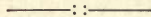
Designs for Mantels, Staircases, Remodeling Old Stairs, Interior Views, Article on House Painting, Hot Houses, Bill of Materials, and numerous kindred subjects.

One year's subscription (No. 42, No. 43 and No. 44 NOW READY; No. 45, Jan. 1st, 1895)..... \$4.00  
 Handsome "Color Sheet," showing colored designs..... .50  
 Your choice of any one book from list below..... 1.00

Regular price ..... \$5.50

**All the above sent post-paid to any one address for \$2.00.**

Or, all the above and full set (19 to 33 inclusive), as described in list below, \$10.00. Any seven books from list, and "Color Sheet," \$5.00. Any four for \$3.00. Single book, \$1.00.



**BUILDING DESIGNS—CLASSIFIED AS TO COST.**

EACH book contains 72 pages, fine heavy paper; size of each page 11 x 15 inches. Large views, floor plans, cost, all dimensions and full descriptions of each design are given. Price of materials and labor on which estimates are based, are given. In addition to the 25 classified designs, each book contains 14 designs of various costs, making 39 designs in each book.

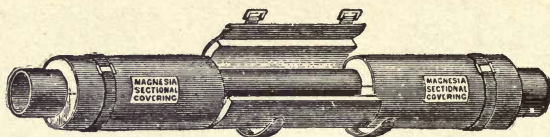
No. 19	contains	25	designs	" \$600 Cottages,"	Price, \$1.00
" 20	"	25	"	" 1,000 Cottages,"	" 1.00
" 21	"	25	"	" 1,500 Cottages,"	" 1.00
" 22	"	25	"	" 2,000 Cottages,"	" 1.00
" 23	"	25	"	" 2,500 Houses,"	" 1.00
" 24	"	25	"	" 3,000 Houses,"	" 1.00
" 25	"	25	"	" 3,300 Houses,"	" 1.00
" 26	"	25	"	" 3,500 Houses,"	" 1.00
" 27	"	25	"	" 4,000 Houses,"	" 1.00
" 28	"	25	"	" 4,500 Houses,"	" 1.00
" 29	"	25	"	" 5,000 Houses,"	" 1.00
" 30	"	25	"	" 6,000 Houses,"	" 1.00
" 31	"	25	"	" 7,500 Houses,"	" 1.00

No. 32 contains 20 Double Cottages and 20 Stables, Price, \$1.00  
 No. 33 contains 25 Designs "\$10,000 (and over) Houses,"... 1.00

Address The Co-operative Building Plan Ass'n, 108 Fulton St., New York. Box 2702.

*When writing Advertisers, please mention Bundy Radiator Catalogue.*

# MAGNESIA SECTIONS.



They are applied as a covering to steam pipes, etc., etc.

They are the **best fire-proof non-conductors** of heat in use, hence they keep in the most heat and save the most coal, and are permanently durable.

They are slightly and **easily applied**.

They are far and away the best and the most **serviceable** to the coal user and the most **creditable** to the contractor.

WE ALSO SUPPLY

## MAGNABESTOS SECTIONAL COVERINGS.

These are fire-proof non-conductors of somewhat lower value and of much lower price.

Designed for heat-pipe work and other low-temperature service.

PRICES FURNISHED AND INQUIRIES RESPONDED TO WITH PLEASURE BY

**ROBERT A. KEASBEY,**

BUFFALO:  
119 Franklin Street.



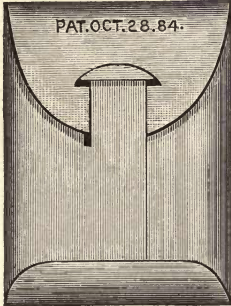
**54 WARREN STREET,  
NEW YORK.**

General Dealer in Best Quality of Hair, Felt and Asbestos Goods.

---

*When writing Advertisers, please mention Bundy Radiator Catalogue.*

# Goodbody's Patent Fastening Envelopes



For Mailing . . .

## Catalogues, Samples, &c.

Fastened by simply inserting  
tongue through both slots.

. . . MANUFACTURED BY . . .

**WM. GOODBODY,** 55 SOUTH FIFTH AVENUE,  
NEW YORK.

# F. A. RINGLER & CO.

HIGHEST AWARD  
RECEIVED AT THE  
WORLD'S  
COLUMBIAN EXPOSITION



  
**26 x 28**  
PARK PLACE  
— TO —  
**21 x 23**  
BARCLAY ST.

**ELECTROTYPERS,**

**PHOTO-PROCESS ENGRAVERS.**



**NEW YORK.**

When writing Advertisers, please mention Bundy Radiator Catalogue.



**THIS CATALOGUE**

**WAS PRINTED BY**

**A. V. HAIGHT**

**AT THE**

**EAGLE PRINTING HOUSE**

**12 LIBERTY ST.**

**POUGHKEEPSIE, N.Y.**

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*When writing Advertisers, please mention Bundy Radiator Catalogue.*

# CHAMPION Card and Paper Co.

C. M. GAGE, Prest.  
P. A. HAMMOND, Treas.

---

MANUFACTURERS OF



Surface-Coated Papers,  
Card Board and Cloth-Lined Boards.

ENAMELLED BOOK AND LITHO-  
GRAPH PAPERS A SPECIALTY.

EAST PEPPERELL, MASS.

---

CHARLES CRASKE,

ESTABLISHED  
1851.

COPPER  
  
PLATING.

**ELECTROTYPING,**

---

45 & 47 ROSE STREET,

Fac-Similes of Engravings and Type.  
Special Attention given to Fine Work.  
Engravers' Metal Plates Furnished.  
Blocking on Wood and Solid Bodies.  
Originals Carefully Handled.  
Embossing and Bookbinding Plates.

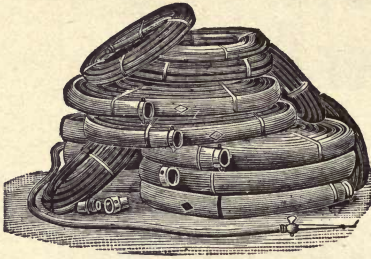


**NEW YORK.**

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*When writing Advertisers, please mention Bundy Radiator Catalogue.*

# HIGH GRADE RUBBER GOODS



Hose, Belting,  
Packing,  
Valves, Mats, Matting,  
Step Threads,  
Tubing,  
Fire Hose Specialties.

**LINEN HOSE, COTTON HOSE.**

. . . MANUFACTURED BY . . .

**N. J. Car Spring and Rubber Co.,**

MAIN OFFICE AND WORKS,

Cor. Wayne and Brunswick Sts., Jersey City, N. J.

BRANCH OFFICE,

No. 10 Barclay Street, New York.

It will pay you to write for Prices and Samples  
Ask for Catalogue W.

---

We Manufacture . . . . .

**Office Furniture,  
Bank Fixtures,  
AND Railings  
TO ORDER.**

---

We carry in stock. of our own make, a full line of Roll  
Top Desks, Office Chairs, Cashier's Desks,  
Filing Cabinets, Pigeon Hole Cases,  
and other Office Furniture.

---

Write for Catalogue and Estimates,

**The Globe Company,**

42 Beaver St., New York.

Cincinnati, Ohio, 2d and John Sts.

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*When writing Advertisers, please mention Bundy Radiator Catalogue.*

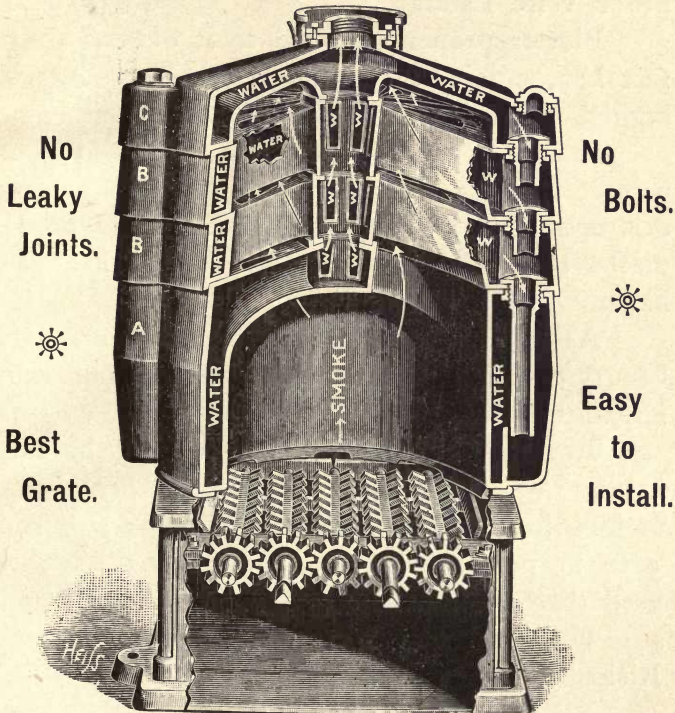
**SIMPLE**  
IN PHILOSOPHY.

**POSITIVE**  
IN OPERATION.

**THOROUGH**  
IN MECHANISM.

— THE —

# “Novelty Circulator.”



No  
Leaky  
Joints.



Best  
Grate.

No  
Bolts.



Easy  
to  
Install.

Sectional View, showing how sections are joined together.

MADE BY

## Model Heating Company, PHILADELPHIA,

American and Dauphin Streets.

CHICAGO,  
41 State Street.

BOSTON,

NEW YORK,  
305 Pearl Street.

Boston Furnace Co., Selling Agents, 175 Hanover Street.

*When writing Advertisers, please mention Bundy Radiator Catalogue.*

# A ceiling that will not crack

May be had in any building—old or new—by the use of the celebrated Roebing Standard Fire-proof Wire Lathing.

Plaster properly applied to it obtains a perfect key, and is held so tenaciously that a bowed, sagged, or cracked ceiling is impossible.

It affords the one surface to which the fresco painter may apply his genius without fearing the destruction of his work by damp-and-dry or climatic conditions or the other causes that play havoc with a wall or ceiling.

Aside from its value in preserving intact the beauty of a ceiling or wall it forms a practically impassable barrier to fire.

For the reason stated, it is held in such esteem by the great insurance companies and underwriters that they write policies at a rate from 5 to 15 per cent. lower on buildings where it is used than would ordinarily obtain. (See "Standard Universal Schedule for Rating Mercantile Risks.")

We invite correspondence.

Samples, with our booklet, "Who Has Used It?" accounts of fire-tests, etc., furnished on request.

JOHN A. ROEBLING'S SONS Co.,

117-119 Liberty St., New York.

171-173 Lake St., Chicago.

25-27 Fremont St., San Francisco

Or, New Jersey Wire Cloth Co.,  
Trenton, N. J.

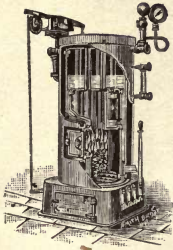
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*When writing Advertisers, please mention Bundy Radiator Catalogue.*



“For the Heating Season of 1894-5.”

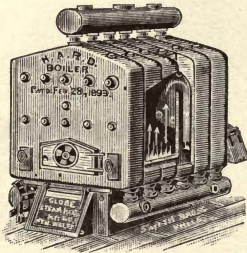
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The “GLOBE”  
PORTABLE  
Steam <sup>AND</sup> Hot Water Boilers  
Made of Steel Boiler-Plate

Are noted for DURABILITY, EFFICIENCY, ECONOMY in Fuel. EASILY MANAGED, FAIR in Price. Satisfy both contractor and user.

---



The H. A. R. D.  
SECTIONAL  
Cast-Iron Boilers  
For Steam and Hot Water Heating,

Were designed by H. A. R. DIETRICH, a practical Heating Engineer and Steam and Hot Water Fitter. These boilers have absolutely clean fire surfaces; are perfectly balanced; drum and nipple connections. The proportion of grate surface to fire surface, and of fire surface to radiating surface, is on a safe and conservative basis, and need no other comment than that there is ample of each, and that they are harmonious.

FOR PARTICULARS, ADDRESS

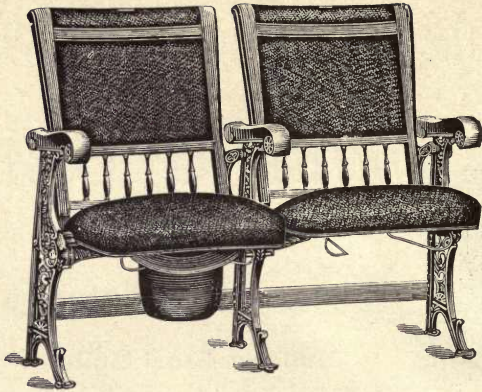
**Globe Steam Heater Co.**

WORKS AND MAIN OFFICE :

**NORTH WALES, PA.**

---

*When writing Advertisers, please mention Bundy Radiator Catalogue.*



# Andrews-Demarest Seating Co.

108 East 16th Street, New York.

[TWO DOORS EAST OF UNION SQUARE.]

MANUFACTURERS OF

**Opera and Assembly Chairs,  
Church Pews, Church Furniture, Lodge Furniture,  
Portable Settees for Halls and Sunday Schools,  
Tablet Chairs for Lecture Rooms of Educational  
Institutes,  
Polo Chairs for Grand Stands of Athletic Clubs, &c.  
Special Seating for Operating Rooms of Hospitals  
and Medical Institutes.**

**WE ISSUE A SEPARATE CATALOGUE FOR EACH CLASS  
OF SEATING.**

**Our Mechanical Department can solve any problem in the way of  
seating rooms, and our Factory is amply equipped and organized  
to fill orders of any size. . . . .**

**IF YOU HAVE NOT RECEIVED OUR NEW CATALOGUE OF INTERIORS,  
SEND FOR IT.**

---

*When writing Advertisers, please mention Bundy Radiator Catalogue.*

Economy

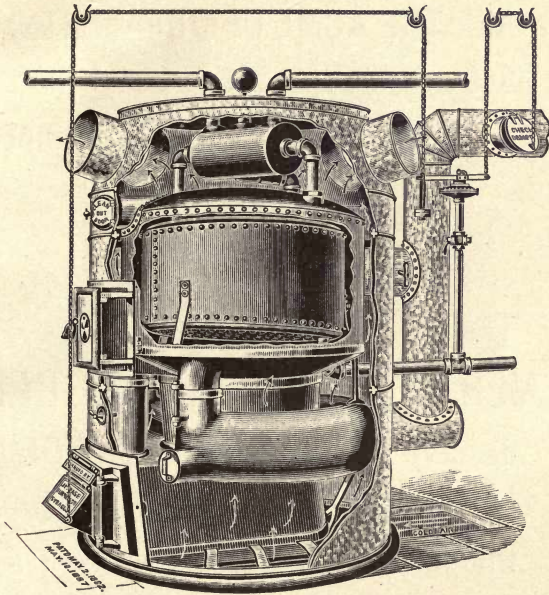
Thousands in Use.

Combination

Send for Catalogue.

Heaters

ARE THE ORIGINAL AND BEST.



Low Down Steam and Air Combination.

**MADE IN SIX PATTERNS.**

We also make Several Patterns of

**Steam and Water Heaters.**

**J. F. PEASE FURNACE CO.,**

Main Office and Works: SYRACUSE, N. Y.

228 Franklin Street, Boston.  
Harrisburg, Pa.

86 Lake Street, Chicago.  
Toronto, Ont.

**FRANKLIN & BURNHAM, 284 Pearl Street, New York.**

*In writing Advertisers, please mention Bundy Radiator Catalogue.*

**NEW ENGLAND** 

 **WOOD-PRESERVING  
SHINGLE STAINS**

ARE THE ACME OF DURABILITY.  
Soften with age and produce Soft  
Velvety Effects. - Warranted not  
- - to Wash Off or Blacken. - -



The - - -  
**SILVER GRAYS and MOSS GREENS**  
deserve SPECIAL OBSERVATION,  
as they are Unsurpassed for Beau-  
tiful Shades. - - - - -

MANUFACTURED BY

**EUREKA STAIN COMPANY,**  
417 Chamber of Commerce,  
CHICAGO.

SAMPLES ON WOOD SENT ON APPLICATION.

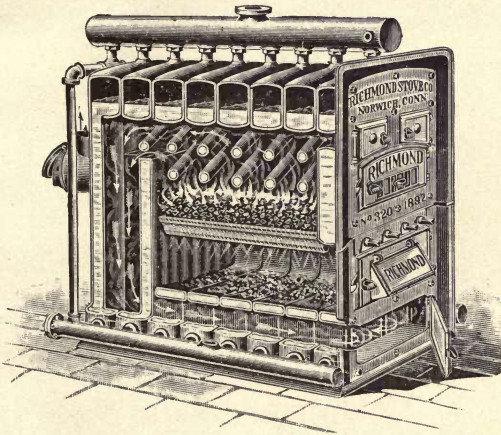
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*When writing Advertisers, please mention Bundy Radiator Catalogue.*

# Richmond Heaters.

STEAM AND . . . . .  
. . . . . HOT WATER.

HEATING OF HOMES  
A SPECIALTY.



TEN YEARS' RECORD.

The Largest Line. . . . .  
The Greatest Range of Capacities.

---

**The Richmond Stove Co.** Norwich,  
CONN.

BOSTON AGENTS:

Isaac Coffin & Co., 52 Sudbury St.

NEW YORK AGENTS:

Higgins & Company, | Albert A. Cryer & Co.  
No. 379 LEXINGTON AVENUE. | No. 85 CENTRE STREET.

---

*When writing Advertisers, please mention Bundy Radiator Catalogue.*

LAUTZ & CO.

IMPORT AND FINISH

# Mexican Onyx

OF ALL GRADES AND FOR ALL PURPOSES.



Ecclesiastical, Rich Sanitary and Mosaic Work  
A SPECIALTY.



Interior Decorations, Bar Rails,  
Columns of any size,  
Pedestals, Tables,  
Mantels and Hearths, Onyx Tile,  
Plain and Fancy Turnings.  
Stock patterns for Mosaic Floors,  
Mantel Facings and Hearths.  
Special designs made to order.

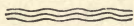


... ALSO, WHOLESALERS OF ...

## ONYX BLOCKS AND SLABS.

Estimates given for Wainscoting, and  
otherwise fitting buildings with Marble.

Approximate costs cheerfully furnished to Architects from  
sketches. . . . .



OFFICE:

861 Main St., Buffalo, N. Y.

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*When writing Advertisers, please mention Bundy Radiator Catalogue.*

For Hot-Air House Warming, . . . . .

OR

. . . Combination Hot Air and Hot Water

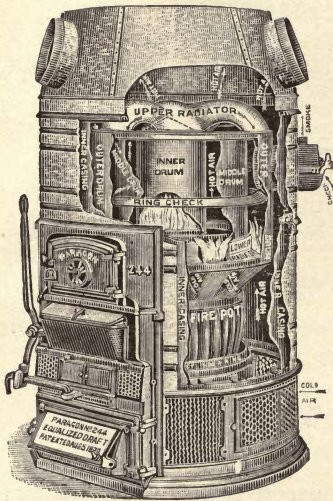
NOTHING EXCEEDS

# “The Paragon Furnace.”

SIX DISTINCT POINTS OF SUPERIORITY.

## 6—POINTS—6

.....



**1. FEWEST JOINTS.**

This means freedom from gas and dust.

**2. EQUALIZED DRAFT.**

This means perfect combustion and consequent fuel-saving.

**3. LARGEST RADIATING SURFACE.**

This means plenty of PURE WARM AIR, NOT PARCHED AIR.

**4. ABSOLUTELY SELF-CLEANING.**

This means that a man does not have to be paid, every Spring, to clean furnace flues.

**5. BALL-BEARING GRATE.**

This means that a CHILD CAN MANAGE IT.

**6. PERFECT ADAPTABILITY.**

This means that it works equally well with hard coal, coke, or soft coal.

WE PRINT A BOOK . . . . .

Called “HINTS ABOUT HEATING,” that tells a great deal that is interesting about house warming. It may promote your personal interests and increase your home comfort to know what it will tell you. We hope so, at least. We mail it free to any architect, steam fitter, dealer, builder, or house owner, who will write for it.

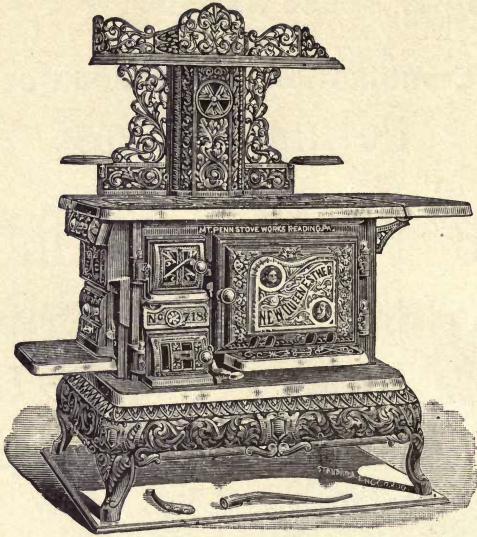
ADDRESS . . . . .

## ISAAC A. SHEPPARD & Co.

Manufacturers of “THE PARAGON FURNACE,”

1801 N. Fourth St., PHILADELPHIA, PA.

*When writing Advertisers, please mention Bundy Radiator Catalogue.*



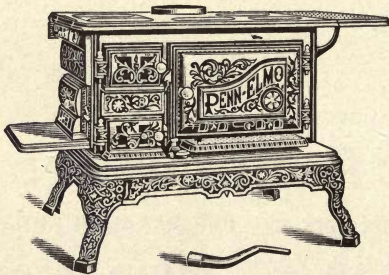
**MT. PENN STOVE WORKS,  
READING, PENNSYLVANIA, U. S. A.**

Manufacturers of the largest assortment of Modern Portable  
COOKING RANGES in the United States.

SEND FOR CATALOGUE.

PHILADELPHIA STORE:

Nos. 111 and 113 North Second Street, Philadelphia.



---

*When writing Advertisers, please mention Bundy Radiator Catalogue.*





# P. <sup>and</sup> B. ROOFING

**NO TAR. NO ODOR.  
STRONG AND DURABLE.**

A. A. GRIFFING IRON CO.

JERSEY CITY, N. J., May 23d, 1892.

The Standard Paint Co., 2 Liberty St., New York, N. Y.

*Gentlemen*:—You ask us what we think of your P. & B. Roofing, and in reply we would say that at first we were very skeptical about it, and very cautiously commenced using it by ordering a small quantity for our cupola top house, which is, perhaps, the most severe place in which it could be used. We were so well pleased with it there that we have ordered more of it from time to time until now we have five (5) acres of roof covered with it. We not only use it ourselves but take a great deal of pleasure in recommending it to every one who desires to be put on track of a good thing.

Yours truly,

THOS. H. WILLIAMS, President.

**The Standard Paint Co., 2 Liberty St., New York, N. Y.**

**Sole Manufacturers P. & B. Products.**

---

If your **Stationer**

does not furnish you with

**Underwood's Standard**

**TYPEWRITER & DUPLICATING SUPPLIES**

. . . AND . . .

**Underwood's Inks**

Write to us for Prices and Samples.

---

**John Underwood & Co.,**

**30 Vesey Street, New York City.**

*When writing Advertisers, please mention Bundy Radiator Catalogue.*

The Largest Elevator  
Works in the World are  
owned and operated by

## OTIS BROTHERS & CO.

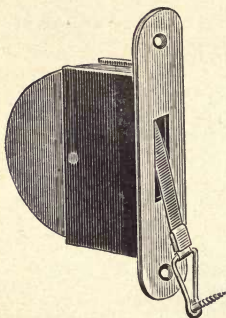
The business has been estab-  
lished 38 years. . . . .

The OTIS ELEVATORS are  
the Leading Machines in their  
line . . . . .

GENERAL OFFICES:  
38 Park Row, New York.

---

## An Effective Method.



☼ ☼ ☼  
KEEP THE COLD OUT  
AND YOU CAN  
KEEP YOUR HOUSE WARM  
AT A NOMINAL FIGURE.



Have your windows counter-balanced with our **Steel Frame Sash Balance**. They require no box frames, thus preventing any cold drafts from entering. Cost less than cumbersome cast-iron weights and cord. **Warranted 15 years.**

WRITE US FOR ILLUSTRATED CATALOGUE AND PRICES.

**Pullman Sash Balance Company,**  
**ROCHESTER, N. Y., U. S. A.**

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*When writing Advertisers, please mention Bundy Radiator Catalogue.*

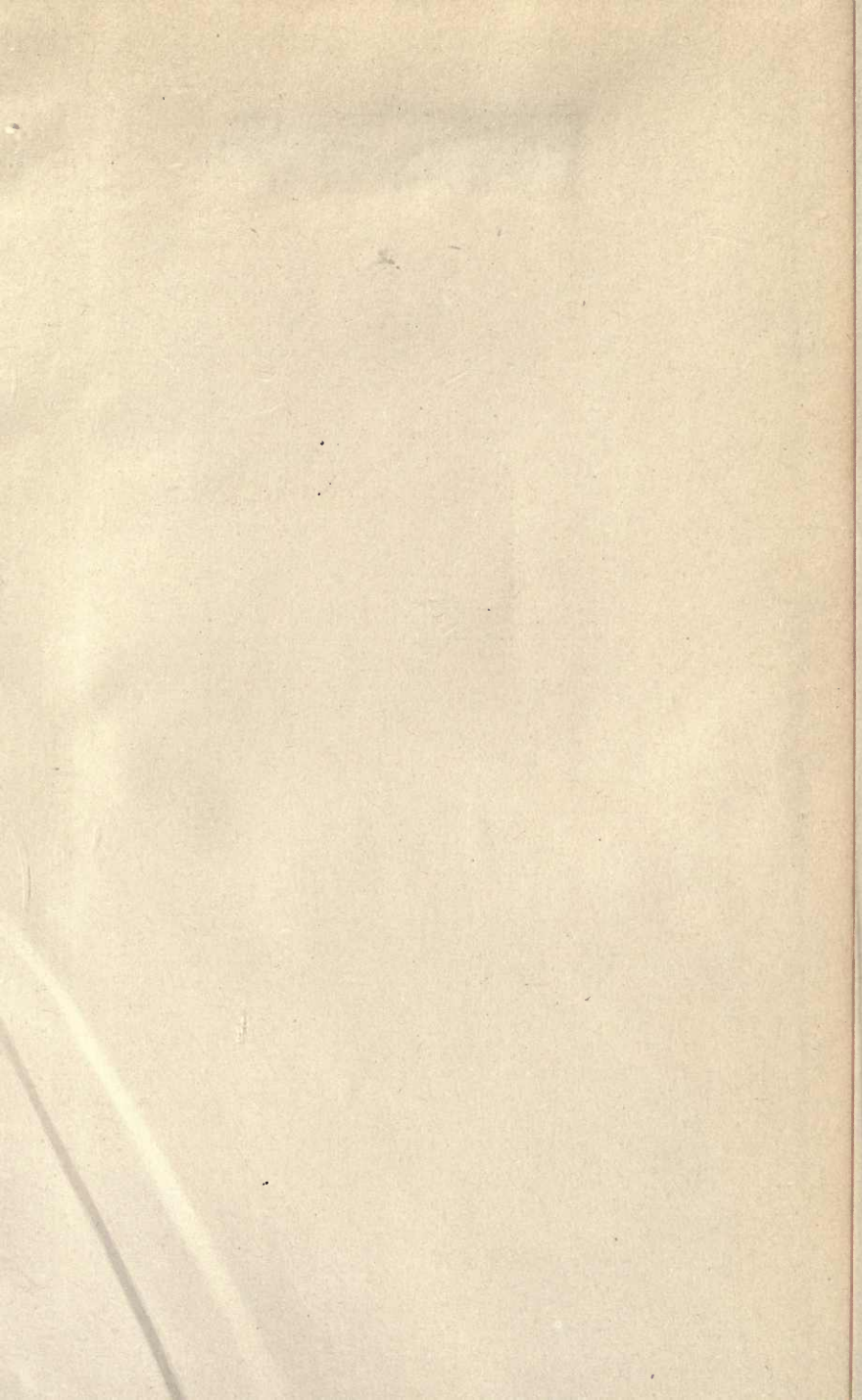
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