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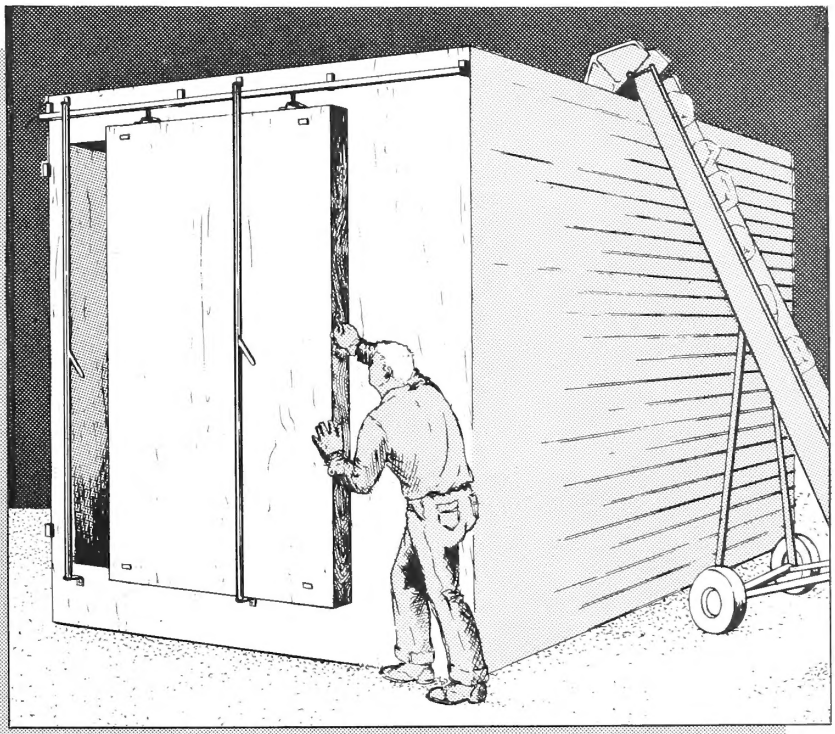
COOPERATIVE FARM BUILDING PLAN EXCHANGE

PLAN NO. 5860

(3 SHEETS)

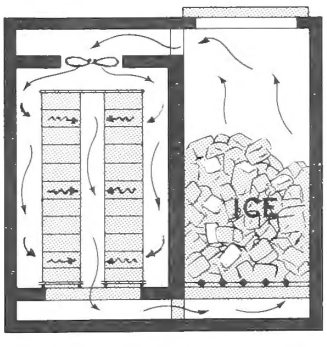
Forced Air FRUIT COOLER



This insulated cooler is 11 feet 2 inches high, 18 feet 11 inches long, and 10 feet wide. It will cool about 250 bushels of fruit at one time.

Four fans circulate the air from the ice bunker through the lugs in the cooling tunnel. Total delivery of the four fans should be 6,500 cubic feet of air per minute at ¾-inch static pressure.

Six plywood fruit cars, each holding two stacks of lugs, are moved into the cooling tunnel on fixed roller skate wheels. The lugs may be stacked approximately 7 feet high.



AIR FLOW DIAGRAM

Complete working drawings may be obtained through your county agent or from the Extension agricultural engineer at most State agricultural colleges. There is usually a small charge.

ORDER PLAN NO. 5860. FORCED AIR FRUIT COOLER

If working drawings of this plan are not available in your State, write to the U.S. Department of Agriculture, Agricultural Engineering Research Division, Plant Industry Station, Beltsville, Md. The U.S. Department of Agriculture does not distribute drawings, but will direct you to a State that does distribute them.

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