



Refrigerator Manufacturers, Inc.

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Recommended Specifications for RMI RETRO-FIT Doors and Frames

Model S-30 (Cooler) or H-30 (Freezer) And Model S-25 (Cooler) or H-25 (Freezer)

1. Door opening size shall be 3'-0" or 4'-0" wide by 6'-6" high, or sized to fit existing field conditions.
2. Door shall be an Econ/O/Cold flush in fitting type, insulated with a 3-inch core of the same insulating material specified for wall panels. The ambient side of the freezer door perimeter and door jamb, including threshold, shall be provided with a 120 Volt, 500 Watt (6.25 Amperes) heating element, including thermostat control, factory wired to a "GS" splice box located above the door on the exterior face of the raised casing. The cooler doorjamb, including the threshold, shall be provided with a 120 Volt, 250 watt (2.75 amps) heating element, also with a thermostat control.
3. Exterior raised casing and jamb – One piece 14-gauge stainless steel, type 304, #4 finish, heliarc welded, ground and polished, reinforced with 3/16-inch mild steel tapping plates.
4. Interior casing – 14-gauge stainless steel angle frame, designed to mate with the exterior casing.
5. Front, back and edges of doors shall be clad with (18-gauge stainless steel, type 304, #4 finish.) Metal joints of doors and doorframe shall be heliarc welded, ground smooth and polished.
6. The threshold on both coolers and freezers shall be a removable 1/8-inch thick stainless steel plate. Fasteners shall be stainless steel flathead countersunk.
7. [Provide a 15-inch by 20-inch, hermetically sealed triple-pane tempered glass vision panel in the refrigeration and freezer door. Freezer door vision panel shall be furnished with electrically conducting, transparent tin coating on the interior face of the ambient pane connected to main door circuit.]
8. [Each door shall have an [Interior] [Exterior] kick plate(s) of (16-gauge stainless steel, type 304, #4 finish), and shall be 3-inches high and the full width of the door.]
9. Provide three hinges, for the 3'-0" wide door and four hinges for the 4'-0" wide door. Hinges shall be cam-lift high-pressure die-cast zinc with polished chrome finish and nylon cam with stainless steel pin.

Model S-30 (Cooler) or H-30 (Freezer) Only

10. Lock shall be Arrow N41 mortise deadlock, including inside release, with bronze or stainless steel components. Exposed surfaces shall be chrome plated. Cylinders shall be furnished with cylinder lock and shall be keyed differently and master keyed. Door-pull shall be a Kason #907 high-pressure die cast zinc highly polished chrome plated.
11. Norton #7500 hydraulic rack and pinion door closer shall have automatic hold open. Finish shall be three-coat aluminum with a lacquer final coat.
12. Gasket shall be extruded polyvinyl chloride with, corners vulcanized and a continuous magnetic core at the side and head of the doorjamb.

Model S-25 (Cooler) or H-25 (Freezer) Only

10. Latch assembly shall be Kason Safeguard® #58 high pressure die cast zinc polished chrome radial tongue which rolls securely into closed position with safety inside release. Latch shall be have a provision for padlock.
(Padlock by others.)
11. Hydraulic door closer to be Dictator VS1600 center mounted with chrome plated steel cover.
12. Gasket shall be extruded polyvinyl chloride with corners vulcanized and continuous magnetic core at sides and head of door jamb.

Model S-30 (Cooler) or H-30 (Freezer) And Model S-25 (Cooler) or H-25 (Freezer)

13. Single sill wiper on cooler and double sill wiper on freezer doors shall be extruded neoprene secured by a removable stainless steel retainer strip and stainless steel fasteners.
14. Hardware shall be mounted with reinforced steel tapping plates and stainless steel security machine screws.
15. Interior door cart bumper bar shall be 1/4-inch x 2-inch aluminum bar, 3'-0" A.F.F.
16. Additional options available:
 - [Dial thermometer]
 - [Light switch]
 - [Electronic temperature indicator and alarm]
 - [Vacuum vent]
 - [Temperature recorder]