



Project _____
 AIA # _____ SIS # _____
 Item # _____ Quantity _____ C.S.I. Section 114000

R-Series

Air Curtain Refrigerator Model
Reach-In, Self-Contained



STANDARD PRODUCT FEATURES

- Designed for Open Door Operation
- Multi-Fan 3-D Air Screen System Maintains a Door-Open Temperature of 40°F or Below for up to 90 Minutes
- Stainless Steel Exterior & Interior
- Exclusive Two Stage/Top-Mounted Electronic Temperature Control with Digital Thermometer Display: Refrigerator 33 to 38°F (0.6 to 3.3°C), Preset at 38°F (3.3°C) OR Refrigerator Lo-Temp 25 to 32°F (-4 to 0°C), Preset at 32°F (0°C)
- Smart Defrost™ Automatic Defrost with Manual Override Feature
- Ten Pairs of Polymer-Coated Trayslides for 18" x 26" (46 x 66 cm) Pans at 4 1/2" Spacing
- Energy Efficient ECM Motor/Copeland Condenser Assembly
- Full Perimeter Bumper with Snap-In Vinyl Insert for Added Protection
- Full-Height, Insulated Stainless Steel Door with "Hold Open" Device
- Flush Antimicrobial Hand Grips (recess mounted on each side of the unit)
- Additional Rear Mounted Stainless Steel Push Bar for Easy Maneuverability
- Set of (4) 6" (15 cm) High, Heavy-Duty Casters with Stress Pads (2 fixed, 2 swivel with brakes)
- One Piece Louver Assembly
- Automatic Non-Electric Condensate Evaporator
- One Piece Push-In Style Magnetic Door Gaskets
- High Efficiency Polysio Insulation throughout the Cabinet



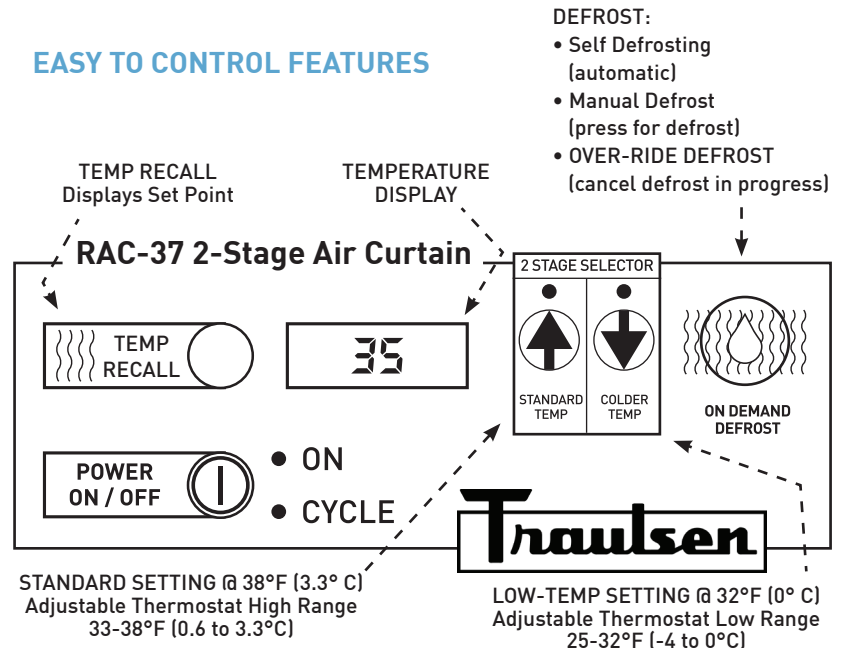
Models listed to the applicable UL, CSA and NSF standards by an approved NRTL. Consult the factory or unit data plate for additional information.

AVAILABLE CONFIGURATIONS

R-Series Models	Door(s)	Hinging
RAC37-1	Full Height Solid	Left
RAC37-2	Full Height Solid	Right
RAC37-18 (Export)	Half Height Solid	Left

ONE YEAR PARTS & LABOR WARRANTY
5 YEAR COMPRESSOR WARRANTY

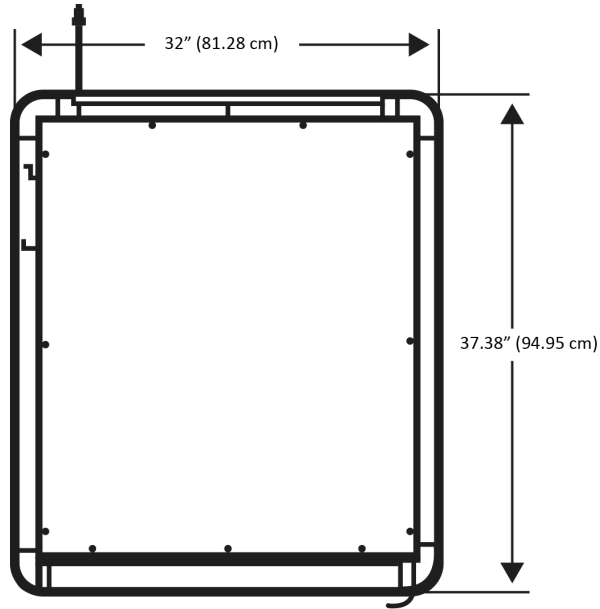
EASY TO CONTROL FEATURES



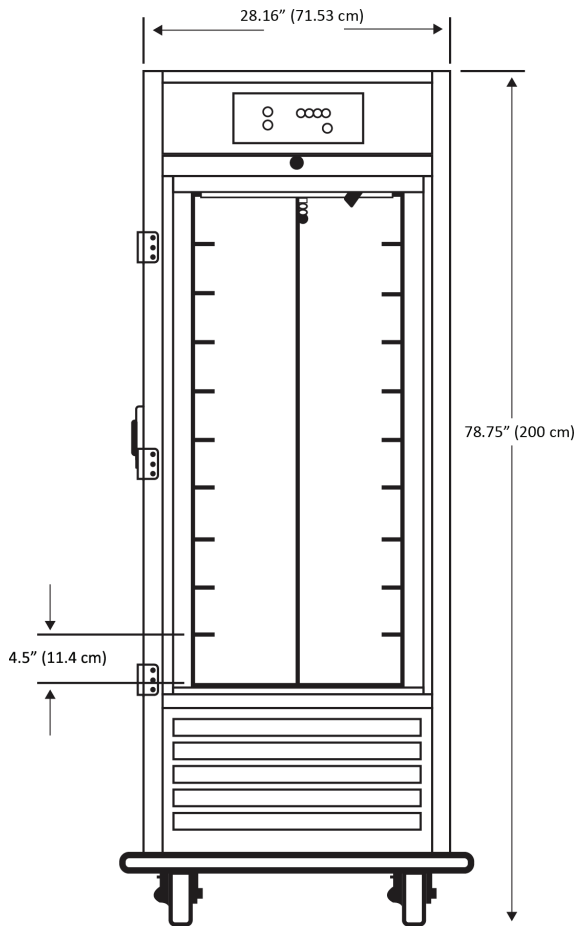
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MODEL

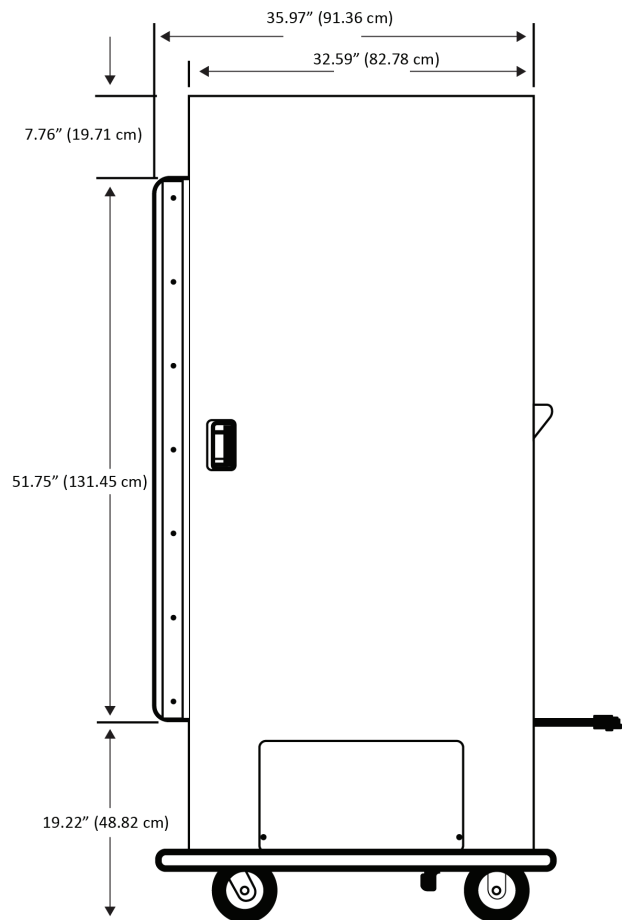
RAC37-1, RAC37-2, RAC37-18 (Export)



TOP VIEW



FRONT VIEW



SIDE VIEW

MODEL

RAC37-1, RAC37-2, RAC37-18 (Export)

MODELS	RAC37-1 RAC37-2	RAC37-18
DIMENSIONAL DATA		
Width - overall in. (w/ bumper)	32" (81.28 cm)	32" (81.28 cm)
Depth - overall in. (w/ bumper)	37.38" (94.95 cm)	37.38" (94.95 cm)
Width - Cabinet only in.	28.16" (71.53 cm)	28.16" (71.53 cm)
Clear full door height in.	51.75" (131.45 cm)	51.75" (131.45 cm)
Clear door width in.	19.4" (49.3 cm)	19.4" (49.3 cm)
Height- overall on 6" casters in.	78.75" (200 cm)	78.75" (200 cm)
ELECTRICAL DATA		
Voltage	120/60/1	220-240/60/1
Wattage Full Load Amperes	1020 8.5	1265 5.5
HP Plug	1/2 HP NEMA 5-15P	1/2 HP NEMA 6-15P
REFRIGERATION DATA		
Refrigerant	R-448A	R-448A
Refrigerant Charge Amount oz.	36 (1020.6 g)	36 (1020.6 g)
Oil Specifications	Polyol Ester Oil	Polyol Ester Oil
SHIPPING DATA		
Length (crated in.)	36" (91.4 cm)	36" (91.4 cm)
Width (crated in.)	42" (106.7 cm)	42" (106.7 cm)
Height (crated in.)	84" (213.4 cm)	84" (213.4 cm)
Volume (cubic ft.)	73.5	73.5
Weight (crated lbs.)	610 (276.7 kg)	610 (276.7 kg)

When ordering please specify: Voltage, Hinging, and Options:

RAC37-1 & RAC37-2 Equipped with one NEMA 5-15P Plug



Export Model RAC37-18 Equipped with one NEMA 6-15P Plug



CONTROL

Easy-to-read digital display for cabinet temperature (with recall capability of temperature set point & actual cabinet temperature). There is an easy-to-read master ON/OFF button with power indicator light, cooling cycle indicator light, maximum allowed time with door open warning/automatic shutdown, & clean condenser reminder light.

2-Stage/Top Mounted electronic temperature control with digital thermometer display offers refrigerator standard setting 33°F to 38°F (.6°C to 3.3°C), preset at 38°F (3.3°C) OR refrigerator lo-temp 25°F to 32°F (-4°C to 0°C), preset at 32°F (0°C). The exclusive "2-Stage" thermostat allows product such as milk/juices to be pre-chilled for prolonged tray delivery times.

INTERIOR

The interior holds ten (10) pairs of removable trayslides at 4.5" spacing with tilt feature. The tilt mount feature allows for bottles & cans to gently roll to the front for easy access. The bottom tray supports are removable for easy cleaning.

WARRANTY

Standard warranty includes a five year compressor warranty & a one year parts & labor warranty on all components & the cabinet.

† Environmental conditions such as humidity will affect maximum allowable door open operation.

EQUIPMENT SPECIFICATIONS

CONSTRUCTION, HARDWARE, INSULATION

Cabinet exterior- front, one-piece sides, louver assembly & door(s) are constructed of heavy gauge stainless steel. Cabinet interior & door liners are also built of stainless steel. The exterior cabinet top, back & bottom are constructed of heavy gauge stainless steel with #3 finish. For protection, a full perimeter bumper with snap-in, vinyl non-marking insert, extends beyond doors. There is high efficiency polyiso insulation throughout cabinet and door.

For mobility, there are four (4) 6" (15 cm) high heavy duty poly casters with stress pads included standard, with two fixed casters & two swivel casters with brakes. There is a stainless-steel tubular rear-mounted handle featuring flushed-in-wall, antimicrobial hand grips. There are form grips recess mounted on each side of unit. The system is located at the bottom to provide stability during movement.

There are full or half-height stainless-steel door(s), each having three (3) stainless steel hinges (mountings reinforced) available with stainless steel backing plates. Full length, ergonomically designed vertical door handle(s) is included for ease of use. The door opens to 270 degrees & has a "door hold open" latch to allow easy loading & unloading of product. A vinyl push-in magnetic door gasket ensures a tight door seal. The door contains high density, environmentally friendly, polyiso insulation.

SELF-CONTAINED REFRIGERATION SYSTEM

A bottom-mounted low center of gravity, self-contained, balanced refrigeration system located behind two one-piece louver assemblies. A high humidity plasticized coated evaporator coil is located outside the food zone. It features a high CFM multi-fan design & an oversized coated evaporator coil.

AIR CURTAIN

Air circulation fans & a forced convection cooling coil are ceiling mounted. When the door(s) is closed, the unit is designed to operate at standard temperature of 38°F (3.3°C), & the interior air-flow pattern is designed to prevent hot pockets & cool spots within the cabinet. This model is designed for door-open operation for up to 90 minutes at 40° F or below (ambient temperature 75°). The pull-down time to 38° in apx. 20 minutes (ambient temperature of 75°).

Additional features include an automatic non-electric condensate evaporator & an energy efficient ECM motor/Copeland condenser assembly. An air-cooled 1/2 HP condenser assures optimum performance in high ambient temperatures.

Smart Defrost™ automatic defrost with manual override feature allows the operator to defrost the coils that may accumulate ice while the door is left open. The operator may override defrost in progress.

This model offers a 3 wire-grounded power cord & plug (rear mounted for safety). This unit should not be installed in an area where adverse environmental conditions are present (refer to operations manual).

CONTINUED PRODUCT DEVELOPMENT MAY NECESSITATE SPECIFICATION CHANGES WITHOUT NOTICE.