

Project

Quantity

Item #

Model Specified:

CSI Section 11400

Roll-In Freezer Models For 72" High Racks/Self-Contained



Model Shown One Section

Stainless Exterior
& Interior

One & Two Section Models, 32" Deep

1-Section Solid Door Model
2-Section Solid Door Model

RIF132HUT-FHS
RIF232HUT-FHS

Stainless Exterior,
Anodized Alumi-
num Interior

1-Section Solid Door Model
2-Section Solid Door Model

AIF132HUT-FHS
AIF232HUT-FHS

The "H-Height" roll-in freezer models are all designed to offer convenient interior storage for 72" high racks. Each is supplied standard with such high quality features as easy to operate microprocessor controls, balanced refrigeration systems and stainless steel exteriors. Additionally, they offer the widest range of optional accessories to choose from, and can be specified for use with many different applications, including: Foodservice, Correctional, Institutional, Export, etc.

Standard Product Features

- Traulsen's Smart Control With LED Display
- StayClear™ Condenser
- R-Series: Stainless Steel Exterior & Interior
- A-Series: Stainless Steel Exterior/Anodized Aluminum Interior
- Balanced, Self-Contained Refrigeration System Using R-404A
- Rear Biased Return Air Duct
- Full Length Stainless Steel Doors With Locks
- Self-Closing Doors With Stay Open Feature At 120°F
- Guaranteed For Life Cam-Lift Hinges
- Guaranteed For Life Horizontal Work Flow Door Handle(s)
- Standard Door Hinging: 132H = Right, 232H = Left/Right (other hings available)
- Automatically Activated LED Lights
- Stainless Steel Breaker Caps
- Accommodates Roll-In Racks Up To 72" High (provided by others)
- Automatic Non-Electric Condensate Evaporator
- Magnetic Snap-In EZ-Clean Door Gasket(s)
- Gasket-Protecting Metal Door Liner
- Thermostatic Expansion Valve Metering Device
- Stainless Steel One-Piece Louver Assembly
- Stainless Steel Interior Rack Guides & Threshold Ramp(s)
- 9' Cord & Plug Attached
- Three Year Parts And Labor Warranty
- Five Year Compressor Warranty

Options & Accessories

- Stainless Steel Finished Back With Rear Louvers
- Re-Hinging Feature For Door(s)
- Wire Shelf Package For Roll-In Models (includes three wire shelves per section)
- Additional Wire Shelves For Above
- Stainless Steel Shelf Package For Roll-In Models (includes three stainless steel shelves per section)
- Additional Stainless Steel Shelves For Above
- Export 220/50/1 Voltage
- Kool Klad Exterior Laminate Decor
- Recessed Installation
- Remote Applications (see form TR35837 for more details)²
- Water Cooled Self-Contained Condenser Suitable for Connection To Glycol
- Prison/Correctional Facilities Options



*** Noted models are ENERGY STAR® listed. Please refer to www.energystar.gov to view the most up-to-date product listing and performance data.**



Listed by Underwriters Laboratories Inc., to U.S. and Canadian safety standards and Listed by NSF International.

3-YEAR
PARTS & LABOR WARRANTY

Approval: _____

Traulsen

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Specifications

Construction, Hardware and Insulation

Cabinet exterior front, one piece sides, louver assembly and doors are constructed of 20 gauge stainless steel with #4 finish. Cabinet interior and door liners are constructed of stainless steel (anodized aluminum in the A-Series). The exterior cabinet top, back and bottom are constructed of heavy gauge galvanized steel. The interior floor is constructed of stainless steel and insulated with ¾" of resilient cork. A readily attachable stainless steel ramp is provided to facilitate loading/unloading.

Doors are equipped with a heavy-duty, extruded wiper gasket for sealing to bottom ramp, removable plug cylinder locks and guaranteed for life cam-lift, gravity action, self-closing metal, glide hinges with stay open feature at 120°F. Hinges include a concealed switch to automatically activate the interior LED lighting. Guaranteed for life, work flow door handles are mounted horizontally over recess in door which limits protrusion from door face into aisles. Doors have seamless, polished metal corners.

Gasket profile and Santoprene® material simplify cleaning and increase overall gasket life. Both the cabinet and door(s) are insulated with an average of 2" thick high density, non-CFC, foamed in place polyurethane.

| DIMENSIONAL DATA | R/AIF132HUT | R/AIF232HUT |
|-----------------------------------|------------------|------------------|
| Net capacity cu. ft. | 39.0 (1104 cu l) | 79.5 (2252 cu l) |
| Length - overall in. | 35½ (90.2 cm) | 68 (172.7 cm) |
| Depth - overall in. | 35⅞ (90.3 cm) | 35⅞ (90.3 cm) |
| Depth - over body in. | 32 (81.3 cm) | 32 (81.3 cm) |
| Depth - door open 90° in. | 63¼ (160.7 cm) | 63¼ (160.7 cm) |
| Clear door width in. | 27½ (68.8 cm) | 27½ (68.8 cm) |
| Clear door height in. | 72⅞ (183.4 cm) | 72⅞ (183.4 cm) |
| Height - overall in. ³ | 89½ (226.4 cm) | 89½ (226.4 cm) |
| RIF Net Wt. lbs. | 480 (218 kg) | 785 (356 kg) |
| AIF Net Wt. lbs. | 410 (186 kg) | 685 (311 kg) |
| Rack Capacity - 72" High | 1 | 2 |
| ELECTRICAL DATA | | |
| Voltage | 115/60/1 | 208-230/115/60/1 |
| Feed wires with Ground | 3 | 4 |
| Full load amperes | 11.5 | 9.4 |
| REFRIGERATION DATA | | |
| Refrigerant | R-404A | R-404A |
| Refrigerant Charge Amount | 16 oz | 26 oz |
| BTU/HR H.P. ¹ | 2160 (½ HP) | 4710 (1 HP) |

NOTES

NOTE: Figures in parentheses reflect metric equivalents.

1= Based on a 90°F ambient and -10 °F evaporator.

2= For approximate remote weights deduct 40 lbs. from respective net or gross weight. For other information on remote models, please refer to form TR35837.

3= 12" Top clearance preferred for optimum performance and service access.



1 Section Models Equipped With One NEMA 5-15P Plug



2 Section Models Equipped With One NEMA L14-20P Plug

NOTE: Full load amps and plug style may vary depending on electrical options chosen and condensing unit employed.

Refrigeration System

A top mounted, self-contained, balanced refrigeration system using R-404A refrigerant is conveniently located behind the one piece louver assembly. It features a finless StayClear™ condenser, thermostatic expansion valve, air-cooled hermetic compressor, large, high humidity evaporator coil located outside the food zone and a top mounted non-electric condensate evaporator. Biased return air duct protects against introduction of warm kitchen air, promoting even temperature maintenance and efficient operation. A 9' cord and plug is provided. Standard operating temperature is 0 to -5°F.

Controller

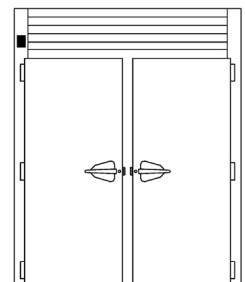
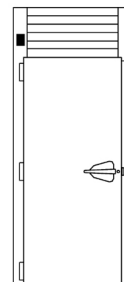
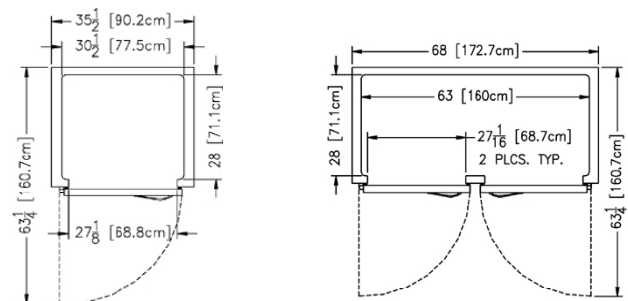
Traulsen's Smart Control features advanced control algorithms and sophisticated diagnostic capabilities. Smart sensors will adapt the operation of the refrigeration system to a variety of environments and usage patterns. The Smart Control offers a complete set of visual alarms designed to alert the user to critical events. In the event of an alarm, a dedicated Alarm LED will illuminate, informing the user of the critical event and describing the event in the large, easy to read full text display.

Interior

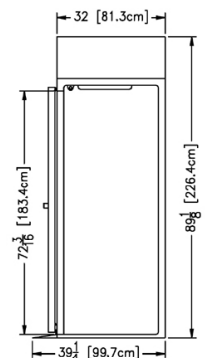
Readily removable, interior-mounted, stainless steel guides for rack are provided for protection. Maximum rack size with wheels inboard of frame is 27" wide by 29" deep by 72" high. Racks supplied by others.

Warranties

Both a three year parts and labor warranty and a five year compressor warranty (self-contained models only) are provided standard.



Section - All Models



NOTE: When ordering please specify: Voltage, Hinging, Door Size, Options and any additional warranties.

Continued product development may necessitate specification changes without notice.

Part No. TR35770 (REV. 01-21-19)

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Traulsen



REMOTE REFRIGERATION DATA

Refer to the chart below to determine the following remote characteristics: Voltage, Amps, BTU's and Refrigerant. The chart also indicates what components are included: Solenoid, Expansion Valve, and Temperature Control type.

| MODEL NO | VOLTAGE | AMPS | BTU @ 90°F AMBIENT AND EVAP. TEMP. | REFRIG'T | SOLENOID YES/NO | EXP. VALVE YES/NO | TEMPERATURE CONTROL |
|---------------|----------|------|---------------------------------------|----------|--------------------|----------------------|------------------------|
| G SERIES | | | | | | | |
| G10000, etc. | 115/60/1 | 5.4 | 1520 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| G10002P, etc. | 115/60/1 | 6.1 | 1520 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| G11000, etc. | 115/60/1 | 5.4 | 2410 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| G11002P, etc. | 115/60/1 | 6.1 | 2400 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| G12010, etc. | 115/60/1 | 5.4 | 1930 @ -10°F Evap | R-407A | Yes | Yes | Microprocessor |
| G20000, etc. | 115/60/1 | 6.1 | 2410 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| G20004P, etc. | 115/60/1 | 7.5 | 2410 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| G21000, etc. | 115/60/1 | 6.1 | 4160 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| G21004P, etc. | 115/60/1 | 7.5 | 4160 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| G22010, etc. | 115/60/1 | 8.2 | 3080 @ -10°F Evap | R-407A | Yes | Yes | Microprocessor |
| G30000, etc. | 115/60/1 | 8.9 | 3780 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| G31010, etc. | 115/60/1 | 8.9 | 4710 @ -10°F Evap | R-407A | Yes | Yes | Microprocessor |
| G31310, etc. | 115/60/1 | 8.9 | 4710 @ -10°F Evap | R-407A | Yes | Yes | Microprocessor |
| G32000, etc. | 115/60/1 | 8.9 | 5330 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| R/A SERIES | | | | | | | |
| R/AHT132W | 115/60/1 | 5.4 | 2400 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AHT132E | 115/60/1 | 5.4 | 2400 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AHT232W | 115/60/1 | 5.4 | 4360 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AHT332W | 115/60/1 | 5.4 | 4360 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AHT132N | 115/60/1 | 5.4 | 2240 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AHT232N | 115/60/1 | 5.4 | 4360 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AHT332N | 115/60/1 | 5.4 | 4360 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AHT126W | 115/60/1 | 5.4 | 2400 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AHT226W | 115/60/1 | 5.4 | 2400 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AHT132D | 115/60/1 | 5.4 | 2400 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AHT232D | 115/60/1 | 5.4 | 4360 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AHT132WP | 115/60/1 | 5.4 | 2400 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AHT232WP | 115/60/1 | 5.4 | 4360 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AHT332WP | 115/60/1 | 5.4 | 4360 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ALT132N | 115/60/1 | 5.4 | 1930 @ -20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AHT232NP | 115/60/1 | 5.4 | 4360 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AHT332NP | 115/60/1 | 5.4 | 4360 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AHT126WP | 115/60/1 | 5.4 | 2400 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AHT226WP | 115/60/1 | 5.4 | 2400 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ALT132W | 115/60/1 | 5.4 | 2160 @ -20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ALT232W | 115/60/1 | 5.4 | 3790 @ -20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ALT332W | 115/60/1 | 5.4 | 5220 @ -20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ALT132N | 115/60/1 | 5.4 | 1930 @ -20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ALT232N | 115/60/1 | 5.4 | 3790 @ -20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ALT332N | 115/60/1 | 5.4 | 5220 @ -20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ALT126W | 115/60/1 | 5.4 | 1980 @ -20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ALT226W | 115/60/1 | 5.4 | 3790 @ -20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ALT132D | 115/60/1 | 5.4 | 2160 @ -20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ALT232D | 115/60/1 | 5.4 | 3790 @ -20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ARI132L | 115/60/1 | 5.4 | 2400 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ARI232L | 115/60/1 | 5.4 | 4360 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ARI332L | 115/60/1 | 5.4 | 5330 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ARI132LP | 115/60/1 | 5.4 | 2400 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ARI232LP | 115/60/1 | 5.4 | 4360 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ARI332LP | 115/60/1 | 5.4 | 5330 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |



REMOTE REFRIGERATION DATA

| MODEL NO | VOLTAGE | AMPS | BTU @ 90°F AMBIENT AND EVAP. TEMP. | REFRIG'T | SOLENOID YES/NO | EXP. VALVE YES/NO | TEMPERATURE CONTROL |
|---------------------|----------|------|---------------------------------------|----------|--------------------|----------------------|------------------------|
| R/A Series (Cont'd) | | | | | | | |
| R/ARI132H | 115/60/1 | 5.4 | 2400 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ARI232H | 115/60/1 | 5.4 | 4360 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ARI332H | 115/60/1 | 5.4 | 5330 @ +20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AIF132L | 115/60/1 | 5.4 | 2160 @ -20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AIF232L | 115/60/1 | 5.4 | 5220 @ -20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/AIF332L | 115/60/1 | 5.4 | 7580 @ -20°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ACV132W | 115/60/1 | 5.4 | 2160 @ -10°F Evap | R-407A | Yes | Yes | Smart Control |
| R/ACV232W | 115/60/1 | 5.4 | 1870 @ -10°F Evap | R-407A | Yes | Yes | Smart Control |
| TE036HR | 115/60/1 | 5.4 | 2370 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| TE048HR | 115/60/1 | 5.4 | 2370 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| TE060HR | 115/60/1 | 5.4 | 2370 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| TE072HR | 115/60/1 | 5.4 | 2370 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| TE084HR | 115/60/1 | 5.4 | 2370 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| TE096HR | 115/60/1 | 5.4 | 4090 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| TE110HR | 115/60/1 | 5.4 | 4090 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| TU Series | | | | | | | |
| TU044HR | 115/60/1 | 3.3 | 3080 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| TU072HR | 115/60/1 | 3.7 | 3080 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| TU100HR | 115/60/1 | 3.9 | 3080 @ +20°F Evap | R-407A | Yes | Yes | Microprocessor |
| TS Series | | | | | | | |
| TS048HR | 115/60/1 | 7.2 | 3300 @ +10°F Evap | R-407A | Yes | Yes | Microprocessor |
| TS066HR | 115/60/1 | 7.2 | 3870 @ +10°F Evap | R-407A | Yes | Yes | Microprocessor |
| TS072HR | 115/60/1 | 7.7 | 3870 @ +10°F Evap | R-407A | Yes | Yes | Microprocessor |
| TS090HR | 115/60/1 | 7.7 | 3870 @ +10°F Evap | R-407A | Yes | Yes | Microprocessor |

NOTES:

- Remote microprocessor and smart control equipped units do not require use of a temperature control.
- Cord and plug are not supplied with remote units.
- Listed BTU rating shown is the required BTU's delivered to the unit at the evaporator coil.
- Compressor HP not supplied by Traulsen. Compressor size should be determined by a qualified refrigeration technician based on the delivered BTU rating at the unit and actual jobsite requirements.
- To determine approximate remote model weights, please deduct 40 lbs. from the respective self-contained models net or gross weight.
- Standard Traulsen five year compressor warranty does not apply to remote units.
- Condensate Removal: All remote models require provisions to be made to allow for condensate removal by the operator. As supplied standard, these models include only a drain tube exiting evaporator compartment on top of the cabinet from which condensate will drip. Optional condensate removal provisions include a drain line extended down the cabinet back (n/a for pass-thru or roll-thru models) or Top-Mounted Condensate Evaporator, all supplied by others.
Note: Provision of the first option will add approximately 7/8" to the overall cabinet depth.
- Traulsen does not recommend the use of casters with remote models (legs supplied standard on G-Series remote units).
- Refrigeration connections provided are 1/4" O.D. for the liquid line and either 1/2" or 3/4" O.D. for the suction line, no other connections are required.
- The solenoid valve provided is wired at the factory directly to the control, therefore no electrical connections are required between the unit and remote compressor.
- For optional refrigerant options consult with factory at time of order to ensure correct expansion valve is provided.

CONTINUED PRODUCT DEVELOPMENT MAY NECESSITATE SPECIFICATION CHANGES WITHOUT NOTICE.