Model Specified: CSI Section 11400

Convertible Reach-In Freezer Models/Self-Contained



Model Shown Two Section

One & Two Section "W-Width" Models, 32" Deep



1-Section Full Length Door Model
2-Section Full Length Door Model
1-Section Half Length Door Model
2-Section Half Length Door Model
RCV132WUT-FHS
RCV132WUT-HHS
RCV232WUT-HHS



1-Section Full Length Door Model
2-Section Full Length Door Model
1-Section Half Length Door Model
2-Section Half Length Door Model
2-Section Half Length Door Model

What is a "CONVERTIBLE CABINET?" A convertible cabinet is a reach-in freezer which, with the use of a key switch, can change itself into a refrigerator. This two temperature ability allows the operator to maximize either their refrigerated or frozen storage space as needed, providing them with additional flexibility in order to manage changing menus and product types. They are supplied standard with all the Traulsen spec-line features, such as balanced refrigeration systems, microprocessor controls and stainless steel exteriors.

Standard Product Features

- · Traulsen's Smart Control With LED Display
- · 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 or Half Length Stainless Steel Doors With Locks
- Self-Closing Doors With Stay Open Feature At 120°
- · Guaranteed For Life Cam-Lift Hinges
- · Guaranteed For Life Horizontal Work Flow Door Handle
- Standard Door Hinging: 132W = Right, 232W = Left/Right
- · Automatically Activated LED Lights
- · Stainless Steel Breaker Caps
- Three Adjustable Wire Shelves Per Section, Supported On Shelf Pins (installed at the factory)
- Automatic Non-Electric Condensate Evaporator
- Magnetic Snap-In EZ-Clean Door Gasket(s)
- Gasket-Protecting Metal Door Liner
- Controllable Anti-Condensate Door Perimeter Heaters
- Thermostatic Expansion Valve Metering Device
- Stainless Steel One-Piece Louver Assembly
- 9' Cord & Plug Attached
- · Set of Four (4) 6" High Adjustable Stainless Steel Legs
- · 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)
- No. 1 Type Tray Slides To Accommodate either (1) 18" x 26" or (2) 14" x 18" Sheet Pans, Adjustable To 2" O.C.
- No. 4 Type Tray Slides To Accommodate (1) 18" x 26" Sheet Pans (chrome rod type, equips 1/2 section)
- Universal Type Tray Slides To Accommodate Either (1) 18" x 26" or (2) 14" x 18" Sheet Pans, or (2) 12" x 20" Steam Table Pans, Adjustable To 4" O.C.
- Additional Wire Shelves
- EZ-Change Interiors (#1, universals, universal heavy duty tray slides and shelves)
- EZ-Open Foot Pedal (full height doors only)
- Bare Tube Coil (132W & 232W only)
- Locking Hasps (padlocks supplied by others)
- Stainless Steel Shelves
- · Kool Klad Exterior Laminate Decor
- Set of Four (4) 6" High Casters In Lieu of Legs
- Set of Four (4) 4-5/8" High Casters In Lieu of Legs
- 4-1/2" High Stainless Steel Base In Lieu of Legs
- 6" High Stainless Steel Kickplate (for use with standard legs)
- · Prison/Correctional Facilities Options
- Remote Applications
- Remote Monitoring (monitoring supplied by E-Control)



Approval:



Listed by Underwriters Laboratories Inc., and classified by Underwriters Laboratories Inc., in accordance with ANSI/NSF7.

AW-0311





Project	Quantity	Item #
Model Specified:		CSI Section 11400

Specifications

Construction, Hardware and Insulation

Cabinet exterior, including front, one piece sides, louver assembly and doors are constructed of heavy gauge stainless steel. Cabinet interior and door liners are constructed of stainless steel (anodized aluminum in the A-Series). Exterior cabinet top, back and bottom are constructed of heavy gauge galvanized steel. Adjustable 6" high stainless steel legs are included.

Doors are equipped with removable plug cylinder locks and guaranteed for life cam-lift, gravity action, self-closing metal, glide hinges with stay open feature at 120 °. Hinges include a switch to automatically activate the interior LED lighting. Guaranteed for life, work flow door handle is mounted horizontally over recess in door which limits protrusion from door face into aisleways.

Gasket profile and Santoprene* material simplify cleaning and increase overall gasket life. Anti-condensate heaters are located behind each door opening.

Cabinet and door contains high density, non-CFC, foamed in place polyurethane insulation.

DIMENSIONAL DATA	R/ACV132WUT	R/ACV232WUT
Net capacity cu. ft.	24.2 (686 cu I)	51.6 (1462 cu I)
Length - overall in.	29% (75.9 cm)	58 (147.3 cm)
Depth - overall in.	35 (88.8 cm)	35 (88.8 cm)
Depth - over body in.	32 (81.3 cm)	32 (81.3 cm)
Depth - with door open 90° in.	57 ¹¹ / ₁₆ (146.5 cm)	57 ¹¹ / ₁₆ (146.5 cm)
Clear door width in.	21% (53.6 cm)	21½ (53.6 cm)
Clear half-door height in.	27½ (69.9 cm)	27½ (69.9 cm)
Clear full-door height in.	57% (146.3 cm)	57% (146.3 cm)
Height - overall on 6" legs⁴	83¼ (211.5 cm)	83¼ (211.5 cm)
Shelf area sq. ft.	18.8 (1.75 sq m)	37.6 (3.49 sq m)
RCV Net Wt. lbs.3	415 (188 kg)	705 (320 kg)
ACV Net Wt. lbs.3	365 (166 kg)	625 (283 kg)
ELECTRICAL DATA		
Voltage	115/60/1	115/60/1
Feed wires with Ground	3	3
Full load amperes	11.5	14.9
Wattage ¹	1058	1371
REFRIGERATION DATA		
Refrigerant	R-404A	R-404A
BTU/HR H.P. ²	2160 (½ HP)	3790 (¾ HP)

NOTES

NOTE: Figures in parentheses reflect metric equivalents.

1=Wattage is determined by listed amps X listed volts X an average run time of 70% for refrigerators and 80% for freezers.

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

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

4=12" Top clearance preferred for optimum performance and service access.

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 large, high humidity evaporator coil located outside the food zone, top mounted non-electric condensate evaporator, and an automatic preset time activated electric defrost. A face mounted key switch is provided to convert operation from freezer to refrigerator mode. Standard operating temperature in freezer mode is 0 to -5°F. Operating temperature in refrigerator mode is 34 to 38°F. Operating temperatures are not adjustable.

Controller

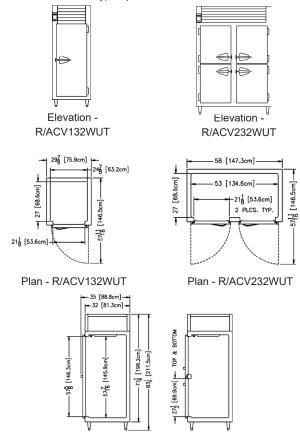
Traulsen's Smart Control features advanced control algorithms and sophisticated diagnostic capabilities. Smart sensors will adapt the operation of the system to a variety of environments and usage patterns. The Smart Control offers a complete set of visual alarms designed to alert the user to critical 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

Standard interior arrangements include three (3) coated wire shelves per section, mounted on shelf pins. Shelves are full-width, and do not have any large gaps between them requiring the use of "bridge" or "junior shelves." Recommended load limit per shelf should not exceed 225 lbs. Optional tray slides may be purchased in combination with, or in lieu of these. Interior arrangements are installed at the factory and EZ-Change interior slides (only) are field installed.

Warranties

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



NOTE: When ordering please specify: Voltage, Hinging, Door Size, Options and any additional warranties. Part No. TR35815 (REV. 01-24-19)



Section - All Models





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		SOLENOID	EXP. VALVE	TEMPERATURE
			AMBIENT AND EVAP. TEMP.	REFRIG'T	YES/NO	YES/NO	CONTROL
			G SERIE	S			
310000, etc.	115/60/1	5.4	1520 ര +20°F Evap	R-407A	Yes	Yes	Microprocessor
10002P, etc.	115/60/1	6.1	1520 @ +20°F Evap	R-407A	Yes	Yes	Microprocessor
11000, etc.	115/60/1	5.4	2410 @ +20°F Evap	R-407A	Yes	Yes	Microprocessor
11002P, etc.	115/60/1	6.1	2400 @ +20°F Evap	R-407A	Yes	Yes	Microprocessor
12010, etc.	115/60/1	5.4	1930 ര -10°F Evap	R-407A	Yes	Yes	Microprocessor
20000, etc.	115/60/1	6.1	2410 @ +20°F Evap	R-407A	Yes	Yes	Microprocessor
20004P, etc.	115/60/1	7.5	2410 @ +20°F Evap	R-407A	Yes	Yes	Microprocessor
21000, etc.	115/60/1	6.1	4160 @ +20°F Evap	R-407A	Yes	Yes	Microprocessor
21004P, etc.	115/60/1	7.5	4160 @ +20°F Evap	R-407A	Yes	Yes	Microprocessor
22010, etc.	115/60/1	8.2	3080 @ -10°F Evap	R-407A	Yes	Yes	Microprocessor
30000, etc.	115/60/1	8.9	3780 @ +20°F Evap	R-407A	Yes	Yes	Microprocessor
31010, etc.	115/60/1	8.9	4710 @ -10°F Evap	R-407A	Yes	Yes	Microprocessor
31310, etc.	115/60/1	8.9	4710 @ -10°F Evap	R-407A	Yes	Yes	Microprocessor
32000, etc.	115/60/1	8.9	5330 @ +20°F Evap	R-407A	Yes	Yes	Microprocessor
			R/A SERIE		•		
/ALIT122W/	115//0/1	F /	·		V	l v	Constant Constant
/AHT132W	115/60/1	5.4	2400 @ +20°F Evap	R-407A	Yes	Yes	Smart Control
/AHT132E	115/60/1	5.4	2400 @ +20°F Evap	R-407A	Yes	Yes	Smart Control
/AHT232W	115/60/1	5.4	4360 @ +20°F Evap	R-407A	Yes	Yes	Smart Control
/AHT332W	115/60/1	5.4	4360 @ +20°F Evap	R-407A	Yes	Yes	Smart Control
/AHT132N	115/60/1	5.4	2240 @ +20°F Evap	R-407A	Yes	Yes	Smart Control
/AHT232N	115/60/1	5.4	4360 @ +20°F Evap	R-407A	Yes	Yes	Smart Control
/AHT332N	115/60/1	5.4	4360 @ +20°F Evap	R-407A	Yes	Yes	Smart Control
/AHT126W	115/60/1	5.4	2400 @ +20°F Evap	R-407A	Yes	Yes	Smart Control
/AHT226W	115/60/1	5.4	2400 @ +20°F Evap	R-407A	Yes	Yes	Smart Control
/AHT132D	115/60/1	5.4	2400 @ +20°F Evap	R-407A	Yes	Yes	Smart Control
/AHT232D	115/60/1	5.4	4360 @ +20°F Evap	R-407A	Yes	Yes	Smart Control
/AHT132WP	115/60/1	5.4	2400 ର +20°F Evap	R-407A	Yes	Yes	Smart Control
/AHT232WP	115/60/1	5.4	4360 @ +20°F Evap	R-407A	Yes	Yes	Smart Control
/AHT332WP	115/60/1	5.4	4360 @ +20°F Evap	R-407A	Yes	Yes	Smart Control
/ALT132N	115/60/1	5.4	1930 @ -20°F Evap	R-407A	Yes	Yes	Smart Control
/AHT232NP	115/60/1	5.4	4360 @ +20°F Evap	R-407A	Yes	Yes	Smart Control
/AHT332NP	115/60/1	5.4	4360 @ +20°F Evap	R-407A	Yes	Yes	Smart Control
/AHT126WP	115/60/1	5.4	2400 @ +20°F Evap	R-407A	Yes	Yes	Smart Control
/AHT226WP	115/60/1	5.4	2400 @ +20°F Evap	R-407A	Yes	Yes	Smart Control
/ALT132W	115/60/1	5.4	2160 ര -20°F Evap	R-407A	Yes	Yes	Smart Control
/ALT232W	115/60/1	5.4	3790 ര -20°F Evap	R-407A	Yes	Yes	Smart Control
/ALT332W	115/60/1	5.4	5220 @ -20°F Evap	R-407A	Yes	Yes	Smart Control
/ALT132N	115/60/1	5.4	1930 ര -20°F Evap	R-407A	Yes	Yes	Smart Control
/ALT232N	115/60/1	5.4	3790 @ -20°F Evap	R-407A	Yes	Yes	Smart Control
/ALT332N	115/60/1	5.4	5220 @ -20°F Evap	R-407A	Yes	Yes	Smart Control
/ALT126W	115/60/1	5.4	1980 ര -20°F Evap	R-407A	Yes	Yes	Smart Control
/ALT226W	115/60/1	5.4	3790 ര -20°F Evap	R-407A	Yes	Yes	Smart Control
/ALT132D	115/60/1	5.4	2160 ര -20°F Evap	R-407A	Yes	Yes	Smart Control
/ALT232D	115/60/1	5.4	3790	R-407A	Yes	Yes	Smart Control
/ARI132L	115/60/1	5.4	2400 ര +20°F Evap	R-407A	Yes	Yes	Smart Control
/ARI232L	115/60/1	5.4	4360 ര +20°F Evap	R-407A	Yes	Yes	Smart Control
/ARI332L	115/60/1	5.4	5330 @ +20°F Evap	R-407A	Yes	Yes	Smart Control
/ARI132LP	115/60/1	5.4	2400 @ +20°F Evap	R-407A	Yes	Yes	Smart Control
/ARI232LP	115/60/1	5.4	4360 ര +20°F Evap	R-407A	Yes	Yes	Smart Control
/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 ൻ +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 ൻ -20°F Evap	R-407A	Yes	Yes	Smart Control
R/AIF232L	115/60/1	5.4	5220 ൻ -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 ര -10°F Evap	R-407A	Yes	Yes	Smart Control
R/ACV232W	115/60/1	5.4	1870 ൻ -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 ര +20°F Evap	R-407A	Yes	Yes	Microprocessor
TE110HR	115/60/1	5.4	4090 ര +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:

- 1. Remote microprocessor and smart control equipped units do not require use of a temperature control.
- 2. Cord and plug are not supplied with remote units.
- 3. Listed BTU rating shown is the required BTU's delivered to the unit at the evaporator coil.
- 4. 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.
- 5. To determine approximate remote model weights, please deduct 40 lbs. from the respective self-contained models net or gross weight.
- 6. Standard Traulsen five year compressor warranty does not apply to remote units.
- 7. 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.
- 8. Traulsen does not recommend the use of casters with remote models (legs supplied standard on G-Series remote units).
- 9. Refrigeration connections provided are 1/4" 0.D. for the liquid line and either 1/2" or 3/4" 0.D. for the suction line, no other connections are required.
- 10. 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.
- 11. For optional refrigerant options consult with factory at time of order to ensure correct expansion valve is provided.