Model Specified: CSI Section 11400

Reach-In/Pass-Thru Refrigerated-Heated Models/Self-Contained





Model RDH232WUT-FHS (shown with standard left/right hinging)

Two Section Models, 32" Deep



Stainless Exterior

Full Length Door Reach-In Model Half Length Door Reach-In Model Full Length Door Pass-Thru Model Half Length Door Pass-Thru Model RDH232WUT-FHS RDH232WUT-HHS RDH232WPUT-FHS RDH232WPUT-HHS



Stainless Exterior Anodized Alumi-

Full Length Door Reach-In Model
Half Length Door Reach-In Model
Full Length Door Pass-Thru Model
Half Length Door Pass-Thru Model
Half Length Door Pass-Thru Model
ADH232WPUT-FHS
ADH232WPUT-HHS

The R & A Series represent Traulsen's Top-of-the-Line product offering. The reach-in and pass-thru refrigerated/heated models are all designed to offer maximum interior storage capacity. Each is supplied standard with such high quality features as balanced refrigeration systems, microprocessor controls, communications ability 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

- · R-Series: Stainless Steel Exterior & Interior
- · A-Series: Stainless Steel Exterior/Anodized Aluminum Interior
- INTELA-TRAUL® Microprocessor Control System
- One-Time Start-Up Temperature Adjustment Feature & ON/OFF Switch (for heated compartment only)
- Balanced, Self-Contained Refrigeration System Using R-134a
- Scroll Blower Type Evaporator Fan & Biased Return Air Duct
- Full or Half Length Stainless Steel Doors With Locks
- Self-Closing Doors With Stay Open Feature At 120 Degrees
- · Guaranteed For Life Cam-Lift Hinges & Door Handles
- Standard Door Hinging: 232W = Left/Right, F & R: 232WP = Left/Right (other hingings available)
- Stainless Steel Breaker Caps
- · Adjustable Wire Shelves (installed at the factory)
- Automatic Non-Electric Condensate Evaporator
- · Magnetic Snap-In Door Gaskets
- · Gasket Protecting Metal Door Liner
- Controllable Anti-Condensate Door Perimeter Heaters
- Stainless Steel One-Piece Louver Assembly & Heater Guards
- · 9' Cord & Plug Attached
- Set of Four (4) 6" High Adjustable Stainless Steel Legs
- · One Year Parts And Labor Warranty
- · Two Year Control Warranty (parts and labor)
- · Five Year Compressor Warranty





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

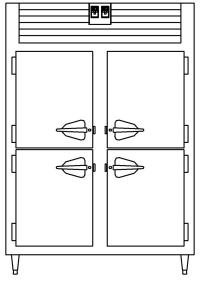
AW-03118

Options & Accessories

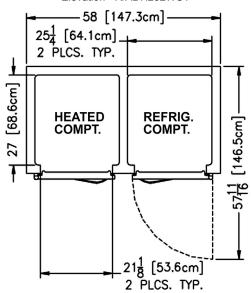
- Stainless Steel Finished Back With Rear Louvers (reach-in models only)
- Re-Hinging Feature For Door(s)
- No. 1 Type Tray Slides To Accommodate either (1) 18" x 26" or (2) 14" x 18" Sheet Pans, Adjustable To 2" O.C.
- No. 2 Type Tray Slides To Accommodate (1) 18" x 26" Sheet Pans, Adjustable To 2" O.C.
- No. 3 Type Tray Slides To Accommodate (2) 12" x 20" Steam Table 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
- Locking Hasps (padlocks supplied by others)
- Export 220/50/1 Voltage
- · 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 (see spec sheet TR35837 for details)
- · Clear Glass Door(s) In Place Of One Or More Door(s)
- Two Year Service/Labor Warranty Available

Approval: _	 	 	

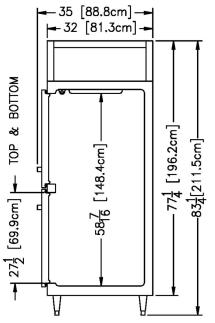




Elevation - R/ADH232WUT



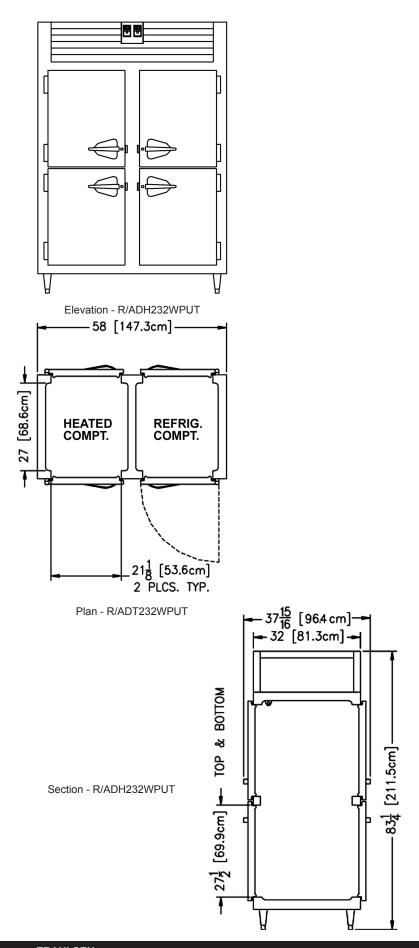
Plan - R/ADH232WUT



57<u>8</u> [146.3cm]

Section - R/ADH232WUT







Project	Quantity	Item #
Model Specified:		CSI Section 11400

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, and bottom are constructed of heavy gauge aluminized steel. The exterior cabinet back on reach-in models is constructed of heavy gauge aluminized steel. A set of four (4) adjustable 6" high stainless steel legs are included.

Doors are equipped with a gasket protecting metal door pan, removable plug cylinder locks and guaranteed for life cam-lift, gravity action, self-closing metal, glide hinges with stay open feature at 120 degrees. Hinges include a concealed switch to automatically activate the interior incandescent lighting. Guaranteed for life, work flow door handles are mounted horizontally over recess in door which limits protrusion from door face into aisleways. Doors have seamless, polished metal corners

Easily removable for cleaning, vinyl magnetic door gasket assures tight door seal. Anti condensate heaters are located behind each door opening.

Both the cabinet and doors are insulated with an average of 2" thick high density, non-CFC, foamed in place polyurethane.

DIMENSIONAL DATA	R/ADH232WUT	R/ADH232WPUT				
Cabinet Type	Reach-In	Pass-Thru				
Net capacity total cu. ft.	51.6 (1462 cu I)	54.2 (1535 cu l)				
Length - overall in.	58 (147.3 cm)	58 (147.3 cm)				
Depth - overall in.	35 (88.8 cm)	37 ¹⁵ / ₁₆ (96.4 cm)				
Depth - over body in.	32 (81.3 cm)	32 (81.3 cm)				
Depth - door(s) open 90° in.	57 ¹¹ / ₁₆ (146.5 cm)	83% (211.8 cm)				
Clear door width in.	211/8 (53.6 cm)	211/8 (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" legs	83¼ (211.5 cm)	83¼ (211.5 cm)				
No. Standard Shelves	6	6				
Shelf area total sq. ft.1	37.6 (3.49 sq m)	37.6 (3.49 sq m)				
Shelf area refrigerator. sq. ft.1	18.8 (1.75 sq m)	18.8 (1.75 sq m)				
Shelf area heated section sq. ft.1	18.8 (1.75 sq m)	18.8 (1.75 sq m)				
RDH Net Wt. lbs.	630 (286 kg)	685 (311 kg)				
ADH Net Wt. lbs.	550 (249 kg)	605 (274 kg)				
ELECTRICAL DATA						
Voltage	208/115/60/1	208/115/60/1				
Feed wires with Ground	4	4				
Heater Wattage @ 208V	1500	1500				
Full load amperes	13.5	13.5				
REFRIGERATION DATA						
Refrigerant	R-134a	R-134a				
BTU/HR H.P. ²	2220 (1/3 HP)	2220 (1/3 HP)				

NOTES

NOTE: Figures in parentheses reflect metric equivalents

- 1= Area of standard shelf compliment only, does not include storage area of additional shelves or available on cabinet bottom.
- 2= Based on a 90 degree F ambient and 20 degree 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.

Refrigeration System

A top mounted, self-contained, balanced refrigeration system using R-134a refrigerant is conveniently located behind the one piece louver assembly. These models feature an easy to clean front facing condenser, thermostatic expansion valve, air-cooled hermetic compressor, plenum effect blower coil, 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. Standard operating temperatures are 34 to 38°F for the refrigerator compartment and 135 to 180°F for the heated compartment.

Heating System

A low watt density, serpentine style, heater is employed for the generation of electric heat. Low velocity air is forced across its large surface area to efficiently move heat radiating away from these through a down-air distribution duct, where it is then evenly distributed throughout the cabinet, assuring the proper holding environment for hot food product, without drying. A vent, located at the top of the cabinet, is included for positive humidity control.

Controller

The easy to use water resistant INTELA-TRAUL® microprocessor control system is supplied standard. Unit is NAFEM Data Protocol communication (NDP) ready. Optional hardware required to be NDP compliant. Third party software required for network connection. It includes a 3-Digit LED Display, Fahrenheit or Celsius Temperature Scale Display Capability, and an RS485 data port. In addition it includes audio/visual alarms for: Hi/Lo Cabinet Temperature, Door Open, Clean Condenser, Evaporator Coil and Discharge Line Sensor Failures, and Power Supply Interruption. A separate control is provided for both the refrigerated and heated compartments.

Interior

Standard interior arrangements include three (3) wire shelves per section, mounted on pilasters. 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 bepurchased in combination with, or in lieu of these. Both standard and optional interior arrangements are completely installed at the factory.

Warranties

Both a one year parts and labor warranty and a five year compressor warranty (self-contained models only) are provided standard. An optional 2nd year extended parts and labor warranty is also available. In addition the INTELA-TRAUL® controls are warranted by a two year parts and labor warranty.



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.

REQUIRED CLEARANCES

In order to assure optimum performance, the condensing unit MUST have an adequate supply of air for cooling purposes. Therefore, the operating location must either have a minimum of 12" clearance overhead of the condensing unit or allow for unrestricted air flow at the back of the unit. Clearance of at least 12" above is required in order to perform certain maintenance tasks.

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. TR35785 (revised 1/10)



Remote Refrigeration Data

Refer to the below chart to determine the following remote characteristics: Voltage, Amps, BTU's, Refrigerant, and if the following components are included: Condensate Evaporator, Solenoid, Expansion

			BTU @ 90°F Ambient		Cond. Evap.	Solenoid	Exp. Valve	
Model No.	Voltage	Amps	and Evap. Temp.	Refrig't	Yes/No	Yes/No	Yes/No	Temp Control
G10000, etc.	115/60/1	4.1	1520 @ +20°F Evap	R-134a	Yes	Yes	Yes	Microprocessor
G10002P, etc.	115/60/1	4.1	1520 @ +20°F Evap	R-134a	Yes	Yes	Yes	Microprocessor
G11000, etc.	115/60/1	4.1	2410 @ +20°F Evap	R-134a	Yes	Yes	Yes	Microprocessor
G11002P, etc.	115/60/1	4.1	2400 @ +20°F Evap	R-134a	Yes	Yes	Yes	Microprocessor
G12010, etc.	115/60/1	10.6	1930 @ -10°F Evap	R-404A	Yes	Yes	Yes	Microprocessor
G20000, etc.	115/60/1	5.2	2410 @ +20°F Evap	R-134a	Yes	Yes	Yes	Microprocessor
G20004P, etc.	115/60/1	5.2	2410 @ +20°F Evap	R-134a	Yes	Yes	Yes	Microprocessor
G21000, etc.	115/60/1	5.2	4160 @ +20°F Evap	R-134a	Yes	Yes	Yes	Microprocessor
G21004P, etc.	115/60/1	5.2	4160 @ +20°F Evap	R-134a	Yes	Yes	Yes	Microprocessor
G22010, etc.	115/60/1	13.2	3080 @ -10°F Evap	R-404A	Yes	Yes	Yes	Microprocessor
G30000, etc.	115/60/1	5.2	3780 @ +20°F Evap	R-134a	Yes	Yes	Yes	Microprocessor
G31010, etc.	115/60/1	13.2	4710 @ -10°F Evap	R-404A	Yes	Yes	Yes	Microprocessor
G31310, etc.	115/60/1	13.2	4710 @ -10°F Evap	R-404A	Yes	Yes	Yes	Microprocessor
G32000, etc.	115/60/1	5.2	5330 @ +20°F Evap	R-134a	Yes	Yes	Yes	Microprocessor
R/AHT132W	115/60/1	1.5	2400 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/AHT132EW	115/60/1	1.5	2400 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/AHT232W	115/60/1	2.0	4360 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/AHT332W	115/60/1	2.5	4360 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/AHT232N	115/60/1	2.0	4360 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/AHT332N	115/60/1	2.5	4360 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/AHT126W	115/60/1	1.5	2400 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/AHT226W	115/60/1	2.0	2400 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/AHT132D	115/60/1	1.5	2400 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/AHT232D	115/60/1	2.0	4360 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/AHT132WP	115/60/1	2.0	2400 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/AHT232WP	115/60/1	2.5	4360 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/AHT332WP	115/60/1	3.0	4360 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/AHT232NP	115/60/1	2.5	4360 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/AHT332NP	115/60/1	3.0	4360 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/AHT126WP	115/60/1	2.0	2400 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/AHT226WP	115/60/1	2.5	2400 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/ALT132W	115/60/1	7.5	2160 @ -20°F Evap	R-404A	No	Yes	Yes	Intela-Traul
R/ALT132W R/ALT232W	115/60/1	10.0	3790 @ -20°F Evap	R-404A	No	Yes	Yes	Intela-Traul
R/ALT332W	115/60/1	11.0	5220 @ -20°F Evap	R-404A	No	Yes	Yes	Intela-Traul
			3790 @ -20 °F Evap	R-404A				
R/ALT232N	115/60/1	10.0		R-404A	No	Yes	Yes	Intela-Traul
R/ALT332N	115/60/1	11.0	5220 @ -20°F Evap		No	Yes	Yes	Intela-Traul
R/ALT126W	115/60/1	4.0	1980 @ -20°F Evap	R-404A	No	Yes	Yes	Intela-Traul
R/ALT226W	115/60/1	7.5	3790 @ -20°F Evap	R-404A	No	Yes	Yes	Intela-Traul
R/ALT132D	115/60/1	6.0	2160 @ -20°F Evap	R-404A	No	Yes	Yes	Intela-Traul
R/ALT232D	115/60/1	10.0	3790 @ -20°F Evap	R-404A	No	Yes	Yes	Intela-Traul
R/ARI132L	115/60/1	2.0	2400 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/ARI232L	115/60/1	3.0	4360 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/ARI332L	115/60/1	4.0	5330 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/ARI132LP	115/60/1	3.0	2400 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/ARI232LP	115/60/1	4.0	4360 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/ARI332LP	115/60/1	5.0	5330 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/ARI132H	115/60/1	2.0	2400 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/ARI232H	115/60/1	3.0	4360 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/ARI332H	115/60/1	4.0	5330 @ +20°F Evap	R-134a	No	Yes	Yes	Intela-Traul
R/AIF132L	115/60/1	7.5	2160 @ -20°F Evap	R-404A	No	Yes	Yes	Intela-Traul
R/AIF232L	115/60/1	11.0	5220 @ -20°F Evap	R-404A	No	Yes	Yes	Intela-Traul
R/AIF332L	208/115	12.0	7580 @ -20°F Evap	R-404A	No	Yes	Yes	Intela-Traul



Remote Refrigeration Data

115/60/1	7.5	2160 @ -10°F Evan	R-404A	No	Yes	Yes	No
							No
				110	100	100	110
110,00,1	0.0	•		No	Yes	Yes	Intela-Traul
115/60/1	6.5			110	100	100	intola madi
	0.0	•		No	Yes	Yes	Intela-Traul
115/60/1	8.0						
	0.0	•		No	Yes	Yes	Intela-Traul
115/60/1	9.0						
	0.0	•		No	Yes	Yes	Intela-Traul
115/60/1	8.0						
		•		No	Yes	Yes	Intela-Traul
115/60/1	9.0						
		•		No	Yes	Yes	Intela-Traul
115/60/1	6.5						
	0.0	•		No	Yes	Yes	Intela-Traul
115/60/1	6.5						
		•		No	Yes	Yes	Intela-Traul
208/115-1-60	10.0						Intela-Traul
							Intela-Traul
							Intela-Traul
							Intela-Traul
							Intela-Traul
							Intela-Traul
							Intela-Traul
208/115/60/1*			R-404A	No	Yes	Yes	Intela-Traul
115/60/1		· · · · · · · · · · · · · · · · · · ·	R-134a	No	Yes	Yes	Intela-Traul
115/60/1	2.0			No	Yes	Yes	Intela-Traul
115/60/1	3.2			Yes	Yes	Yes	Intela-Traul
115/60/1	3.3		R-404A	Yes	Yes	Yes	Intela-Traul
115/60/1	3.5		R-404A	Yes	Yes	Yes	Intela-Traul
115/60/1	3.5	2370 @ +20°F Evap	R-404A	Yes	Yes	Yes	Intela-Traul
115/60/1	3.6	2370 @ +20°F Evap	R-404A	Yes	Yes	Yes	Intela-Traul
115/60/1	3.7	2370 @ +20°F Evap	R-404A	Yes	Yes	Yes	Intela-Traul
115/60/1	3.9	4090 @ +20°F Evap	R-404A	Yes	Yes	Yes	Intela-Traul
115/60/1	4.0	<u> </u>	R-404A	Yes	Yes	Yes	Intela-Traul
115/60/1	3.3	3080 @ +20°F Evap	R-404A	Yes	Yes	Yes	Intela-Traul
115/60/1	3.7	3080 @ +20°F Evap	R-404A	Yes	Yes	Yes	Intela-Traul
115/60/1	3.9	3080 @ +20°F Evap	R-404A	Yes	Yes	Yes	Intela-Traul
	9.8	3300 @ +10°F Evap		Yes	Yes	Yes	Intela-Traul
115/60/1			R-404A	Yes	Yes	Yes	Intela-Traul
115/60/1			R-404A	Yes	Yes	Yes	Intela-Traul
115/60/1			R-404A	Yes	Yes	Yes	Intela-Traul
	115/60/1 115/60/1 115/60/1 115/60/1 115/60/1 115/60/1 115/60/1 115/60/1 115/60/1 115/60/1 115/60/1 115/60/1 115/60/1 115/60/1 115/60/1 115/60/1	115/60/1 10.0 115/60/1 6.5 115/60/1 6.5 115/60/1 8.0 115/60/1 9.0 115/60/1 8.0 115/60/1 8.0 115/60/1 8.0 115/60/1 6.5 208/115-1-60 10.0 208/115-1-60 10.0 115/60/1 4.0 115/60/1 8.0 208/115/60/1* 12.0 208/115/60/1 12.0 208/115/60/1 12.0 208/115/60/1 3.2 115/60/1 3.2 115/60/1 3.5 115/60/1 3.5 115/60/1 3.5 115/60/1 3.6 115/60/1 3.7 115/60/1 3.7 115/60/1 3.7 115/60/1 3.9 115/60/1 3.9 115/60/1 3.9 115/60/1 3.9 115/60/1 3.9 115/60/1 <td>115/60/1</td> <td> 115/60/1</td> <td> 115/60/1</td> <td> 115/60/1</td> <td> 115/60/1</td>	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1

NOTES:

- 1) Remote INTELA-TRAUL® equipped units do not require use of a temperature control.
- 2) 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.
- 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: except where noted above, all remote models require provisions to be made to allow for condensate removal. As supplied standard, these models include only a drain tube exiting the 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 optional Top-Mounted Condensate Evaporator.

 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" O.D. for the liquid line and either 1/2" or 3/4" O.D. for the suction line, no other connections are required.
- 10) The solenoid valve provided is wired at the factory directly to the control, and so no electrical connections are required between the unit and remote compressor.
- 11) Traulsen's equipment stands are solely intended for use with cooking equipment.

Continued product development may necessitate specification changes without notice. Part No. TR35837 (REV. 06-12-15)

