# REACH-IN FREEZER (0°F)

### **Model: 1FNHD**

Natural Refrigerant R-290 Model

# 1-Section Reach-In Freezer with Half Doors



**ENERGY STAR® Qualified Commercial Freezer** 

1FNHD - Stainless steel front, aluminum end panels and interior

1FNSAHD - Stainless steel exterior, aluminum interior

1FNSSHD - Stainless steel exterior and interior



# **Options and Accessories**

(upcharge and lead times may apply)

(uponargo and loc	au timos may appry)
Stainless steel case back	Shallow depth (consult factory)
Additional epoxy coated steel shelves	Hinged glass doors (consult factory)
Chrome or stainless steel shelves	Full doors
Heavy duty pilaster strips	Rehinging of doors (consult factory)
Wine rack	Pass-Thru (consult factory)
Adjustable legs	Correctional Facility Options
Custom laminates	One way security screws
Pan slide assemblies	Locking hasp (lock not included)
Special electrical requirements (consult factory)	Stainless steel mesh cover
	Coverless hinges

Consult factory for other model configurations, options and accessories.





Project Name:	
Madal O assiriad	
Model Specified:	
Location:	
Item No:	Quantity:
AIA #:	SIS #:

# **Standard Model Features**

#### **REFRIGERATION SYSTEM**

Self contained, performance rated refrigeration system

Natural, environmentally safe, high efficiency R-290 refrigerant<sup>1</sup>

Automatic, electric condensate evaporator

Expansion valve system

Standard operating temperature is 0 to -5°F and can be adjusted to operate as low as -10°F in a 90°F ambient.

#### **CABINET ARCHITECTURE**

3" non-CFC polyurethane foam insulation

Smooth, polished chrome workflow door handle

Cam action, lift off hinges

Self-closing doors

Mangetic snap in Santoprene® door gaskets

Cylinder lock in door

Heavy duty, epoxy coated steel shelves

5" casters

#### **MODEL FEATURES**

LED interior lighting

Electronic control, auotmatic electric defrost

<sup>1</sup> R-290 refrigerant meets all federal and state regulatory requirements.

APPROVAL:

# **Model Specifications**

Net Capacity (cubic feet) 20 (566 cu I) Width, Overall (inches) 26 (660 mm)  Depth, Overall (inches) 35 3/8 (899 mm) Depth (inches) (less doors) 32 (813 mm)  Depth (inches) (doors open 90°) 55 1/2 (1410 mm) Clear Door Width (inches) 19 3/8 (492 mm) Clear Half Door Height (inches) 27 1/2 (699 mm) Height, Overall (inches) (including 5" casters) 82 1/4 (2089 mm) Number of Doors 2 Number of Shelves 3 Shelf Area (square feet) 20.4 (1.9 sq m) Tray Slide Capacity (per half section) (2" centers)  REFRIGERANT DATA Condensing Unit Size (H.P.) 1/2 Capacity (BTU per hour)* 1590  ELECTRICAL DATA Voltage (International) 115/60/1 (220/50/1) Feed Wires (including ground) 3 Total Amps (International) 7.6 (4.2) Defrost Amps (International) (No)  SHIPPING DATA	moust spoom	00.01.0
Width, Overall (inches)  Depth, Overall (inches) (including handles)  Depth (inches) (less doors)  Depth (inches) (doors open 90°)  Clear Door Width (inches)  Clear Half Door Height (inches)  Height, Overall (inches) (including 5" casters)  Number of Doors  Number of Shelves  Shelf Area (square feet)  Tray Slide Capacity (per half section) (2" centers)  REFRIGERANT DATA  Condensing Unit Size (H.P.)  Capacity (BTU per hour)*  ELECTRICAL DATA  Voltage (International)  Total Amps (International)  Total Amps (International)  10 ft. Cord/Plug [attached] (International)  10 ft. Cord/Plug [attached] (International)  Teed Wires (including attached] (International)  Teed (No)	DIMENSIONAL DATA	
Depth, Overall (inches) (including handles)  Depth (inches) (less doors)  Depth (inches) (less doors)  Depth (inches) (doors open 90°)  Clear Door Width (inches)  Clear Half Door Height (inches)  Clear Half Door Height (inches)  Height, Overall (inches) (including 5" casters)  Number of Doors  Number of Shelves  Shelf Area (square feet)  Tray Slide Capacity (per half section) (2" centers)  REFRIGERANT DATA  Condensing Unit Size (H.P.)  Capacity (BTU per hour)*  ELECTRICAL DATA  Voltage (International)  Total Amps (International)  Total Amps (International)  Tot. Cord/Plug [attached] (International)  15 3/8 (899 mm)  32 (813 mm)  32 (813 mm)  55 1/2 (1410 mm)  55 1/2 (1410 mm)  50 4/99 mm)  82 1/4 (2089 mm)  11  11  11  11  11  11  11  11  11	Net Capacity (cubic feet)	20 (566 cu I)
Depth (inches) (less doors)   32 (813 mm)	Width, Overall (inches)	26 (660 mm)
Depth (inches) (doors open 90°)  Clear Door Width (inches)  Clear Half Door Height (inches)  Height, Overall (inches) (including 5" casters)  Number of Doors  Number of Shelves  Shelf Area (square feet)  Tray Slide Capacity (per half section) (2" centers)  REFRIGERANT DATA  Condensing Unit Size (H.P.)  Capacity (BTU per hour)*  ELECTRICAL DATA  Voltage (International)  Total Amps (International)  Total Amps (International)  10 ft. Cord/Plug [attached] (International)  19 3/8 (492 mm)  27 1/2 (699 mm)  82 1/4 (2089 mm)  11 2  20.4 (1.9 sq m)  11  11  11  11  11  11  12  15  17  17  17  17  17  17  17  17  17		35 3/8 (899 mm)
Clear Door Width (inches)  Clear Half Door Height (inches)  Height, Overall (inches) (including 5" casters)  Number of Doors  Number of Shelves  Shelf Area (square feet)  Tray Slide Capacity (per half section) (2" centers)  REFRIGERANT DATA  Condensing Unit Size (H.P.)  Capacity (BTU per hour)*  FLECTRICAL DATA  Voltage (International)  Total Amps (International)  10 ft. Cord/Plug [attached] (International)  19 3/8 (492 mm)  27 1/2 (699 mm)  82 1/4 (2089 mm)  11  11  11  11  11  11  11  11  11	Depth (inches) (less doors)	32 (813 mm)
Clear Half Door Height (inches)  Height, Overall (inches) (including 5" casters)  Number of Doors  Number of Shelves  Shelf Area (square feet)  Tray Slide Capacity (per half section) (2" centers)  REFRIGERANT DATA  Condensing Unit Size (H.P.)  Capacity (BTU per hour)*  ELECTRICAL DATA  Voltage (International)  Total Amps (International)  Total Amps (International)  10 ft. Cord/Plug [attached] (International)  112 (699 mm)  82 1/4 (2089 mm)  82 1/4 (2089 mm)  11 (208 mm)  1	Depth (inches) (doors open 90°)	55 1/2 (1410 mm)
Height, Overall (inches) (including 5" casters)  Number of Doors  Number of Shelves  Shelf Area (square feet)  Tray Slide Capacity (per half section) (2" centers)  REFRIGERANT DATA  Condensing Unit Size (H.P.)  Capacity (BTU per hour)*  PLECTRICAL DATA  Voltage (International)  Total Amps (International)  Total Amps (International)  10 ft. Cord/Plug [attached] (International)  11 (2089 mm)  12 (2089 mm)  11 (1.9 sq m)  12 (1.9 sq m)  11 (1.9 sq m)  12 (1.9 sq m)  11	Clear Door Width (inches)	19 3/8 (492 mm)
Number of Doors  Number of Shelves  Shelf Area (square feet)  Tray Slide Capacity (per half section) (2" centers)  REFRIGERANT DATA  Condensing Unit Size (H.P.)  Capacity (BTU per hour)*  ELECTRICAL DATA  Voltage (International)  Total Amps (International)  10 ft. Cord/Plug [attached] (International)  10 ft. Cord/Plug [attached] (International)  20.4 (1.9 sq m) 11 11 12 1590 172 1590 1590 174 2009 111 115 20.4 (1.9 sq m) 117 20.4 (1.9 sq m) 1	Clear Half Door Height (inches)	27 1/2 (699 mm)
Number of Shelves 3 Shelf Area (square feet) 20.4 (1.9 sq m) Tray Slide Capacity (per half section) (2" centers) 11  REFRIGERANT DATA Condensing Unit Size (H.P.) 1/2 Capacity (BTU per hour)* 1590  ELECTRICAL DATA Voltage (International) 115/60/1 (220/50/1) Feed Wires (including ground) 3 Total Amps (International) 7.6 (4.2) Defrost Amps (International) 3.7 (2.0) 10 ft. Cord/Plug [attached] Yes (International) (No)	Height, Overall (inches) (including 5" casters)	82 1/4 (2089 mm)
Shelf Area (square feet)  Tray Slide Capacity (per half section) (2" centers)  REFRIGERANT DATA  Condensing Unit Size (H.P.)  Capacity (BTU per hour)*  ELECTRICAL DATA  Voltage (International)  Total Amps (International)  Defrost Amps (International)  10 ft. Cord/Plug [attached] (No)	Number of Doors	2
Tray Slide Capacity (per half section)  REFRIGERANT DATA  Condensing Unit Size (H.P.)  Capacity (BTU per hour)*  ELECTRICAL DATA  Voltage (International)  Total Amps (International)  Defrost Amps (International)  10 ft. Cord/Plug [attached] (No)  (International)  11  11  12  1590  115/60/1 (220/50/1)  3  7.6 (4.2)  7.6 (4.2)  10 ft. Cord/Plug [attached] (No)	Number of Shelves	3
REFRIGERANT DATA  Condensing Unit Size (H.P.) 1/2  Capacity (BTU per hour)* 1590  ELECTRICAL DATA  Voltage (International) 115/60/1 (220/50/1)  Feed Wires (including ground) 3  Total Amps (International) 7.6 (4.2)  Defrost Amps (International) 3.7 (2.0)  10 ft. Cord/Plug [attached] Yes (International) (No)	Shelf Area (square feet)	20.4 (1.9 sq m)
Condensing Unit Size (H.P.) 1/2 Capacity (BTU per hour)* 1590  ELECTRICAL DATA  Voltage (International) 115/60/1 (220/50/1) Feed Wires (including ground) 3  Total Amps (International) 7.6 (4.2) Defrost Amps (International) 3.7 (2.0) 10 ft. Cord/Plug [attached] Yes (International) (No)		11
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ELECTRICAL DATA  Voltage (International) 115/60/1 (220/50/1) Feed Wires (including ground) 3  Total Amps (International) 7.6 (4.2)  Defrost Amps (International) 3.7 (2.0)  10 ft. Cord/Plug [attached] Yes (International) (No)	Condensing Unit Size (H.P.)	1/2
Voltage (International) 115/60/1 (220/50/1) Feed Wires (including ground) 3 Total Amps (International) 7.6 (4.2) Defrost Amps (International) 3.7 (2.0) 10 ft. Cord/Plug [attached] Yes (International) (No)	Capacity (BTU per hour)*	1590
Feed Wires (including ground) 3  Total Amps (International) 7.6 (4.2)  Defrost Amps (International) 3.7 (2.0)  10 ft. Cord/Plug [attached] Yes (International) (No)	ELECTRICAL DATA	
Total Amps (International) 7.6 (4.2)  Defrost Amps (International) 3.7 (2.0)  10 ft. Cord/Plug [attached] Yes (No)	Voltage (International)	115/60/1 (220/50/1)
Defrost Amps (International) 3.7 (2.0)  10 ft. Cord/Plug [attached] Yes (No)	Feed Wires (including ground)	3
10 ft. Cord/Plug [attached] Yes (No)	Total Amps (International)	7.6 (4.2)
(International) (No)	Defrost Amps (International)	3.7 (2.0)
SHIPPING DATA	0.1	
	SHIPPING DATA	

SHIPPING DATA	
Height - Crated (inches)	85 1/2 (2172 mm)
Width - Crated (inches)	31 5/8 (803 mm)
Depth - Crated (inches)	42 (1067 mm)
Volume - Crated (cubic feet)	65 (1841 cu I)
Weight Std - Crated (pounds)	294 (134 kg)
Weight SS - Crated (pounds)	353 (161 kg)

<sup>\*</sup> Rating @ -15°F evaporator, 90°F ambient

Figures in parentheses reflect metric equivalents rounded to the nearest whole unit.  $\ \_$ 



Equipped with one NEMA-5-15P Plug (varies by country)

# Toll-Free: 800-523-7138 Phone: 215-244-1400 Fax: 215-244-9579 539 Dunksferry Road Bensalem, PA 19020 www.continentalrefrigerator.com Due to our continued efforts in developing innovative products, specifications subject to change without notice.

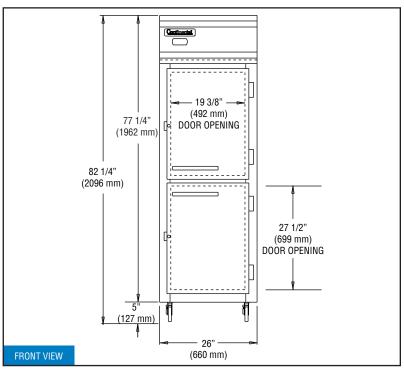


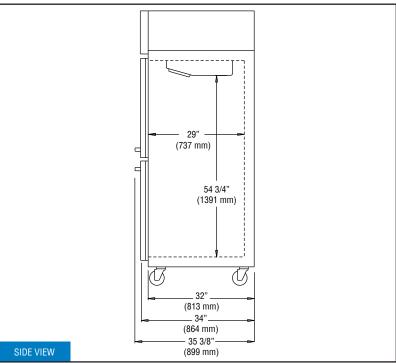




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# **Model Plan Views**





**IMPORTANT NOTE:** If the cabinet is located directly against a wall and/or under a low ceiling, a minimum clearance of 12" is required on top and 3" on sides and rear.