

KOOL-IT

Signature

LX-14FB

SINGLE GLASS DOOR MERCHANDISER FREEZER

Energy efficient, eco-friendly HC refrigerant with low charge, spark-free components, and the lowest utility costs in its category.



NEMA 5-15P

Signature 40/80 Warranty
40 months parts and labor
80 months on compressor (part only)

KEY FEATURES



• Eco-Friendly Refrigerant

Environmentally friendly R290 hydrocarbon refrigerant has low Global Warming Potential (GWP). Meets all USA, California & Canada refrigerant & energy standards.



• Intelligent Electronic Control

Electronic controller (CIF) assures optimal refrigeration performance through precision temperature control, and intelligent control defrost cycle, compressor & other component functions.



• High Power Reliable Refrigeration System

Fast pull down, optimal internal air circulation and reliable refrigeration, maintaining colder temperatures for food preservation.



• Standard LED Lighting System

Ultra bright 250 LUX, low energy interior LED illumination system provides optimal merchandise display visibility. Low profile, door mounted, clip-in LED design.



• Evaporator Housing

Injection molded, flame retardant plastic evaporator housing provides optimal air flow and reliable condensate drainage during defrost cycles. Optimal improved aesthetics and improved design for accessibility during maintenance & assembly.



• Glass door optimal thermal design

3 pane glass, argon filled & sealed, plus 2 low-E UV protection films deliver optimal thermal insulation. Safety glass exterior pane. Extruded plastic door frame, corner welded for optimal thermal properties and reliability. Standard anti-fog film on interior glass for rapid condensation removal after door closing.



• Heated door & humidity sensor

90 Watt heater on external door glass, electronically controlled by humidity sensor. Heater activates from 55% RH in order to evaporate excessive condensation on exterior glass. Heater eliminates majority of condensation for optimal product visibility and prevents condensate runoff/puddling up to 70% RH in 90°F/32°C environment. Heater de-activates below 55% RH, for optimal energy consumption and DOE compliance.



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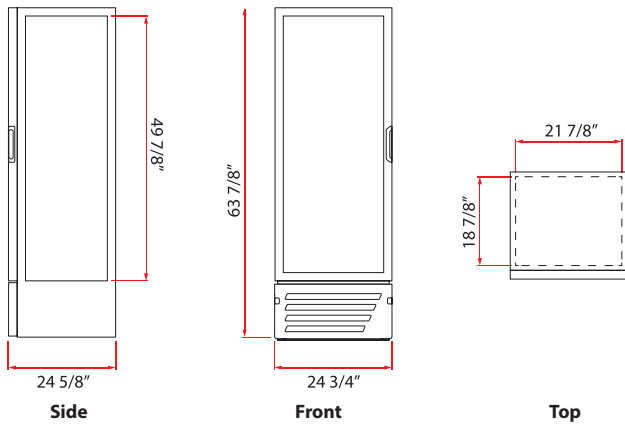
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PRODUCT VIEWS



ADDITIONAL FEATURES



Manual Lock - External lock available



Baskets - 2 provided as standard.



Price Kit - Available for shelf display



Door hinges
Increased strength, reliability and insulation. Door hinges strength increased using 10 Gauge steel. Bottom hinge is 'hollow', 8.8mm hole allows LED, Door heater & other harnesses to pass through for optimal reliability, and covers optimal door frame insulation. Increased spring strength delivers reliable door closing. Eliminates 90 degree hold open & soft closing.



Spark-Free Refrigeration Components
All Reach-In models will have spark free refrigeration components for optimal safety, per UL requirements.



Wooden Pallet
Sturdy wooden pallet which provides support and security in the shipping and storage of the freezer, with easy access & removal.



General Power Switch Accessibility
Switch location moved to front of cabinet, immediately behind the front grill, for improved accessibility, thus avoiding the need to move cabinets to power-o , during maintenance and cleaning.



Vacuum Valve
Ensures door is able to be re-opened, within 5 seconds, to reduce the effects of rapidly cooled air and vacuum effect.



Lower Drain
One piece, transparent lower drain hose, ensures visibility & consistent condensate drainage for optimal defrost function.



Evaporator Defrost Heaters
Evaporator 3 Heaters; Two heaters run constantly to eliminate ice build-up below the evaporator (300 Watts) and drain line (8.2 Watts), and a third heater (125 Watts) for defrost function (Defrost cycle runs every 3hrs, up to 30 mins or to 68°F Evap temp whichever is reached first).



Cabinet frame
Heated surround, to reduce condensation after door opening, aided by double door gasket.

TECHNICAL SPECIFICATIONS

Exterior Dimensions		Interior Dimensions	
W:	24 9/10" (63 cm)	W:	20 1/5" (51 cm)
D:	23 1/5" (59 cm)	D:	18" (46 cm)
H:	63 7/8" (161 cm)	H:	48 1/5" (122 cm)
Usable Interior Capacity		Usable Volume	
W:	19 3/5" (50 cm)	10.16 Cu Ft 287.7 L	
D:	15 9/10" (50 cm)		
H:	39 9/10" (101 cm)		
Doors	Material	Shelves	Shelf Size
1	V7 Plastic Frame	3	W: 19 3/10" (49 cm) D: 16 3/10" (42 cm)
Exterior Material		Pre-painted steel	
Interior Material		Pre-painted steel	

REFRIGERATION PERFORMANCE

Refrigerant	Energy Consumption
R290a / 3 oz (0.085 kg)	4.153 kWh/24h
Compressor Power	Condenser
1/2 HP	Finless (low maintenance)
Thermostat default setting	-11.2°F (-24°C) to -0.4°F (-18°C)

ELECTRICAL

Power Supply	Amps	Lighting
115V/60Hz	5.1A	432 Lux Output 7 modules, 8 LED per
Plug Type	Controller	Cord Length
NEMA 5-15P	CIF	128" (327 cm)

LOGISTICS

Trailer Loads	Unit Weight	Shipping Dimensions	
40': 57 53': 75	219.36 lb (99.5 kg)	W:	26 3/10" (67 cm)
	Shipping Weight	D:	24 7/10" (63 cm)
	237 lb (107.5 kg)	H:	67 1/10" (170 cm)