



VFS24 HC BB

VERTICAL FREEZER

ESTABLISHING A **NEW STANDARD** IN THE FOODSERVICE INDUSTRY.

Highly efficient, spacious and durable freezer providing perfect temperature preservation and performance.



*optional insight lock



KEY FEATURES



- **Eco-Friendly Refrigerant**
Environmentally friendly hydrocarbon refrigerant has low Global Warming Potential (GWP). Meets all USA & California 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.



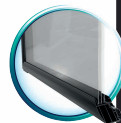
- **High Power Reliable Refrigeration System**
Fast pull down, optimal internal air circulation and reliable refrigeration, maintaining colder temperatures for food preservation.



- **Standard LED Lighting System**
Ultra bright 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. (New high strength adhesive 2020)

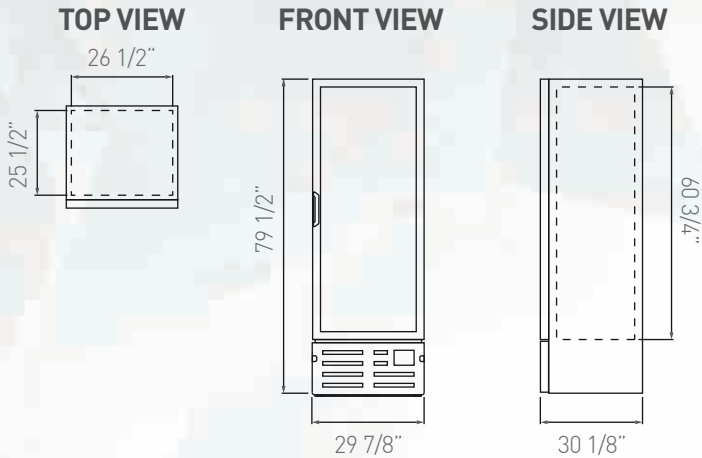


- **Heated door & humidity sensor**
90 Watt heater on external door glass, electronically controlled by humidity sensor. Heater activates from 55% RH in order to evaporate excessive condensation on exterior glass. Heater eliminates majority of condensation for optimal product visibility and prevents 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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PRODUCT VIEWS



ADDITIONAL FEATURES

-  **Manual Lock** - External lock available
-  **Health Lock** - INSIGHT Bluetooth & WiFi enabled lock option for unattended food locations. (See INSIGHT spec sheet for details)
-  **Baskets** - 2 provided as standard.
-  **Price Kit** - Available for shelf display
-  **Door hinges (New design 2020)**
Increased strength, reliability and insulation. Door hinges strength increased using 10 Gauge steel. Bottom hinge is 'hollow', 8.2mm hole allows LED, Door heater & other harnesses to pass through for optimal reliability, and offers 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-off, 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	
H:	79 1/2" 202 cm	H:	60 3/4" 154 cm
W:	29 7/8" 76 cm	W:	26 1/2" 67 cm
D:	30 1/8" 76 cm	D:	25 1/2" 65 cm

Usable Interior Capacity		Usable Volume
H:	51 1/8" 130 cm	23.3 ft ³
W:	25 1/8" 64 cm	659.8 lts
D:	20 5/8" 53 cm	

Doors	Door construction	Shelves	Shelves Size	
1	V7 Plastic frame	6	W:	25 3/4" 65 cm
			D:	21 1/4" 54 cm

External Material Pre-painted steel
Internal Material Pre-painted steel

REFRIGERATION PERFORMANCE DATA

Refrigerant		Energy Consumption	
R290	5.1 Oz (0.145 kg)	9.400 kWh/24h	
Compressor Power		Condenser	
3/4 HP		Finless (low maintenance)	
Thermostat setting default		Cut-Out	Cut-In
		-5.8°F [-18°C]	-0.4°F [-18°C]

ELECTRICAL DATA

Power supply	AMPS	Lighting
115V/60 Hz	7.7 A	157 Lux Output 9 modules, 8 LED per module
Plug Type	Controller	Cord length
NEMA 5-15P	CIF	122" (310 cm)

LOGISTIC DATA

Trailer Loads	Unit weight with packaging	Dimensions w/packaging	
53': 54	385.8 lb 175 kg	H:	82 1/4" 209 cm
	without packaging	W:	31 3/4" 81 cm
	381.4 lb 173 kg	D:	32 7/8" 84 cm

Customer service and warranty

Three year limited warranty, includes parts and labor.
 An additional two year warranty is issued on the compressor (USA & Canada only).
 Operators must follow installation and operational guidelines per Imbera Users Manual.
 Each cooler must be connected directly to a single power supply, otherwise warranty will be voided.
 Customer service: 866.548.5770

*Energy consumption based on ANSI/ASHRAE Standard 72-2005

*BMAD System (Low maintenance high performance)

*Dimensions rounded up to the nearest inch or centimeter

*Specifications subject to change without notice

*H: Height, W: Width, D: Depth
 07/09/2021