VFS24 HC BW

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

Highly efficient, spacious and durable equipement designed to preserve frozen products at optimal temperature.

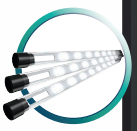
*optional insight lock

KEY FEATURES

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

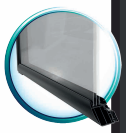
- **Intelligent Electronic Control**
  Electronic controller (CIF) assures optimal refrigeration performance through precision temperature control, and intelligent control defrost cycle, compressor & other component functions.

- **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 accesibility 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.

*Optional lock

UL NSF DOE

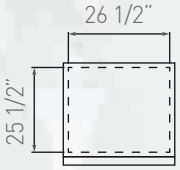
IMBERA | 1925 Shiloh Road, Building #2 Kennesaw, GA 30144 USA
P: 678.504.6835 | us.**imberacooling**.com

VFS24 HC BW

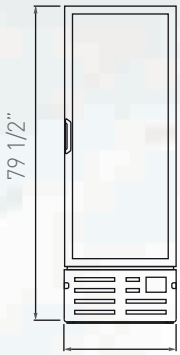
ESTABLISHING A **NEW STANDARD** IN THE FOODSERVICE INDUSTRY.

PRODUCT VIEWS

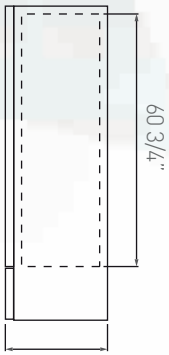
TOP VIEW



FRONT VIEW



SIDE VIEW



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', 8.8mm hole allows LED, Door heater & other harnesses to pass through for optimal reliability, and o ers 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 e ects 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 ft³
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 (-21°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		Unit weight without packaging		Dimensions w/packaging		
53': 54	385.8 lb	175 kg	381.4 lb	173 kg	H:	82 1/4"	209 cm
					W:	31 3/4"	81 cm
					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

Designed to preserve frozen products at temperature between -5.8°F to -0.4°F

*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