

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

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



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



- **Evaporator Housing**  
Metallic evaporator housing provides optimal air flow and reliable condensate drainage during defrost cycles. Design for easy 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)



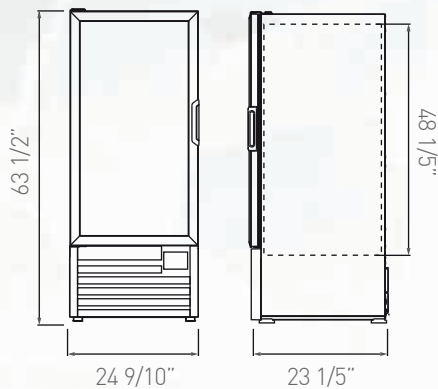
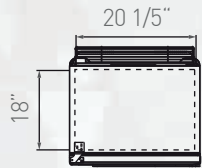
- **Heated door & humidity sensor**  
90 Watt heater on external door glass, electronically controlled by humidity sensor. Heater activates from 55% RH in order to evaporate excessive condensation on exterior glass. Heater eliminates majority of condensation for optimal product visibility and prevents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

#### TOP VIEW



### ADDITIONAL FEATURES



#### 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 offers optimal door frame insulation. Increased spring strength delivers reliable door closing. Eliminates 90 degree hold open & soft closing



#### Spark-Free Refrigeration Components

All Imbera HC models 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

H:	63 1/2"	161 cm
W:	24 9/10"	63 cm
D:	23 1/5"	59 cm

#### Interior Dimensions

H:	48 1/5"	122 cm
W:	20 1/5"	51 cm
D:	18"	46 cm

#### Usable Interior Capacity

H:	39 9/10"	101 cm
W:	19 3/5"	50 cm
D:	15 9/10"	41 cm

#### Usable Volume

10.16 ft <sup>3</sup>
287.7 lts

Doors	Door construction	Shelves	Shelves Size
1	V7 Plastic frame	3	<b>W:</b> 19 3/10" 49 cm <b>D:</b> 16 3/10" 42 cm

**External Material** Pre-painted steel

**Internal Material** Pre-painted steel

### REFRIGERATION PERFORMANCE DATA

#### Refrigerant

R290	3 Oz (0.085 kg)
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#### Energy Consumption

4.153 kWh/24h
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#### Compressor Power

1/2 HP
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#### Condenser

Finless (low maintenance)
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#### Thermostat setting default

Cut-Out	Cut-In
-24°F [-18°C]	-11.2°F [-0.4°C]

### ELECTRICAL DATA

#### Power supply

115V/60 Hz
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#### AMPS

5.1 A
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#### Lighting

432 Lux Output
7 modules, 8 LED per module

#### Plug Type

NEMA 5-15P
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#### Controller

CIF
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#### Cord length

128" (327 cm)
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### LOGISTIC DATA

#### Trailer Loads

40':	57
53':	75

#### Unit weight with packaging

237 lb	107.5 kg
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#### Unit weight without packaging

219.36 lb	99.5 kg
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#### Dimensions w/packaging

H:	67 1/10"	170 cm
W:	26 3/10"	67 cm
D:	24 7/10"	63 cm

\*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

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#### 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