

ESTABLISHING A **NEW STANDARD** IN THE COMMERCIAL REFRIGERATION INDUSTRY.

SLEEK DESIGN FEATURING INNOVATIVE TECHNOLOGY, HIGH-EFFICIENCY COMPONENTS, AND THE MOST ATTRACTIVE PRODUCT DISPLAY IN ITS CATEGORY



## KEY FEATURES



### • BMAD Refrigeration System

Ensures rapid and effective cabinet cool down with minimum energy consumption.



### • Low Maintenance Condenser

Designed to reduce dust & debris accumulation, which significantly reduces service frequency and run time. Delivers lowest ongoing energy consumption and guarantees refrigeration system longevity.



### • Electronic Temperature Controller

Patented CIF electronic controller assures optimal refrigeration performance through precision temperature control, and intelligent control for defrost cycle, compressor & other component functions.



### • Electronic Fan Motors

Enhances performance and efficiency. Uses only a fraction of the energy and offers longer life expectancy than industry standard shaded-pole motors.



### • High Efficiency Glass Door

Equipped with double/triple panel glass and low e-film to reduce condensation. Safety glass external door pane. Lightweight Plastic doorframe design. Self-closing door hinge. Zero profile pocket handle.



### • LED Lighting System

LED uses a fraction of the energy of regular florescent lights and requires no replacement for up to seven years. Imbera standard modular standard design, with multiple 1' LED modules, allows for efficient replacement or upgrade to new bright LED options and are backward compatible to 2008.



### • CFC and HFC Free Cyclopentane Foam

Eco-friendly, recyclable and high efficiency cabinet insulation.



### • Plastic Front Grill

Standard lightweight plastic grill in unique, modern design. Provides superior impact resistance and is easy to remove for maintenance

## CERTIFICATIONS

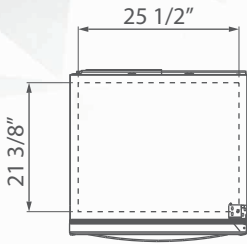


COMMERCIAL REFRIGERATOR  
AND/OR FREEZER  
5242

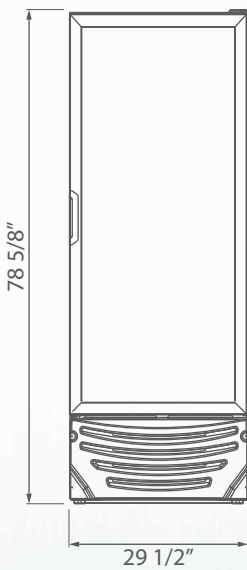
NSF/ANSI 7 COMMERCIAL REFRIGERATOR  
AND/OR FREEZER  
2011

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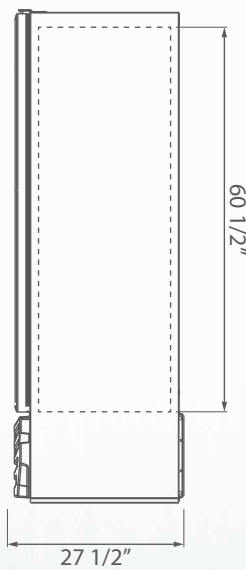
## PRODUCT VIEWS



TOP VIEW



FRONT VIEW



SIDE VIEW

Dimensions rounded up to the nearest inch or millimeter.  
Specifications subject to change without notice.

## TECHNICAL SPECIFICATIONS

Exterior Dimensions		Interior Dimensions	
H:	78 5/8" 2000 mm	H:	60 1/2" 1536 mm
W:	29 1/2" 750 mm	W:	25 1/2" 649 mm
D:	27 1/2" 700 mm	D:	21 3/8" 542 mm
Usable Interior Capacity		Usable Volume	
H:	54" 1371 mm	17.030 ft <sup>3</sup>	
W:	25 1/2" 649 mm	482.26 lts	
D:	21 3/8" 542 mm		
Capacity 20 oz. Bottle	Doors	Door Construction	
Flat: 240	1	Standard Black Plastic Frame	
Shelves	Shelf Size & Guage		
5	W: 24 3/4" 630 mm		
	D: 19 5/8" 497 mm		

## REFRIGERATION PERFORMANCE DATA

Refrigerant R134a	Energy Consumption	
0.075 kg	3.040 kWh/day*	
Compressor Power	Condenser	
1/6 HP 160 watts	Finless, (low maintenance)	
Thermostat Setting	Cut-Out	Cut-In
Default	32°F (0°C)	44.6°F (7°C)

## ELECTRICAL DATA

Power Supply	AMPS	Cord Length	Lighting
115v 60 Hz	5.2 kWh/day	118' 3000mm	220 Lux output 9 modules 6 LED per module
Plug Type	Controller		
PC-731	Imbera ETC1H controller Pre-programmed temperatures		

## LOGISTIC DATA

Trailer Loads	Unit Weight w/packaging	Dimensions w/packaging	
53': 60	240.4 Lbs	H:	82 5/8" 2100 mm
40': 42	109.1 kg	W:	32 1/4" 820 mm
		D:	29 7/8" 760 mm

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

BMAD System (Low maintenance high performance).  
Dimensions rounded up to the nearest inch or millimeter.  
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Customer Service: 866-548-5770 | WWW.IMBERAFOODSERVICE.COM

Three year limited warranty is included on all 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 have its own power supply, otherwise warranty will be void.



THE IMBERA LOCK CONTROLLER IS A MECHANICAL AND ELECTRONIC LOCKING SYSTEM THAT PREVENTS CUSTOMERS FROM ACCESSING FOOD ITEMS FROM THE COOLER, IF TEMPERATURE RISES ABOVE 41.9°F FOR A PREDETERMINED PERIOD OF TIME.



IDEAL FOR UNATTENDED LOCATIONS

PerformaX30  
Imbera

## KEY FEATURES

### ELECTRONIC LOCK AUTOMATION FUNCTIONALITY

- Automatically locks when consumer protection is required.
  - Standard Health Lock timer ensures cooler will lock if product temperature remains above 41.9°F for longer than 15 minutes.
    - Monitors door openings and extends lock timer up to 45 minutes, if a door opening was detected within the previous hour (If product temperature remains above 41.9° after the initial 15 minutes).\*
    - Uses thermal mass on Lock temperature probe, to replicate internal product temperature, for optimal lock controller operation, thus reducing the potential for unnecessary locking.\*
    - Locks within 2 minutes of AC power loss and remains locked until power is restored. After AC power is restored, device will unlock if temperatures have remained within lock timer parameters.\*
- \* [Saving operators from performing a manual unlocking location visit and loss of customer sales]*

### RESTOCK & EXTENDED TIMER FUNCTION

- An extended lock timer function is available and will extend up to 165 min, to reach Tmax 41F, provided the refrigeration system is operating correctly and continual temperature reduction is recorded.

### OTHER USER FUNCTIONS

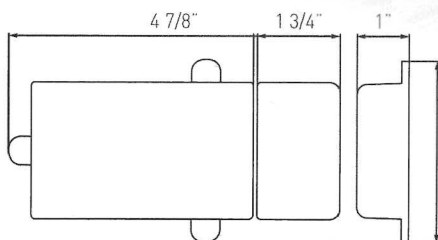
- Can be locked & unlocked independently of health timer.
- Tamperproof TritEQ or P1 key electronic key for safety.
- Health Inspector Lock test switch is provided to meet local audit procedures. Hidden, but easily accessible.
- Alerts for lock activity.

### TRITEQ FRESH IQ LOCK

- Designed and manufactured by Imbera and TritEQ, leaders in intelligent refrigeration and vending security solutions.
- Compatible with any TritEQ or P1 key and AutoTraQ.

### CERTIFICATIONS

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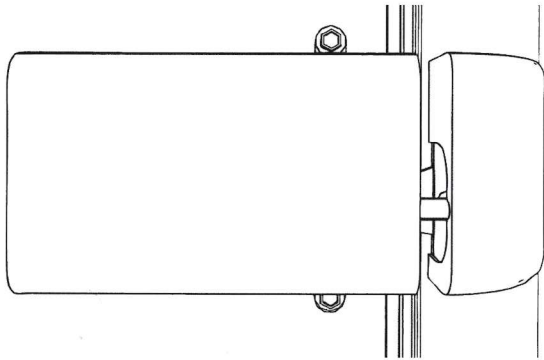
COOLER LOCK AVAILABLE ON  
IMBERA G319 COOLER & VFS24 FREEZER  
(NOW ALSO NOW AVAILABLE  
IN STAINLESS STEEL CABINET\*)

### COOLER RECOMMENDED STANDARD OPERATING TEMPERATURE RANGE

	T min °F	T max °F
<b>COOLER</b>	32	41
<b>FREEZER</b>	-10	-5

# COOLER

## IMBERA LOCK CONTROLLER OPERATION



	Cooler 41° F
PERFORMAX 30	45 min

Table 1.

**PERFORMAX 30:** IS THE LOCK SOLUTION DESIGNED TO PREVENT ALL UNATTENDING LOCKING EVENTS IN THE FIELD AND IT WAS DESIGNED BASED ON THE OPTIMAL COOLER PERFORMANCE.

### COOLER STANDARD OPERATING TEMPERATURE RANGE

COOLER	TEMPERATURE	
	T min °F	T max °F
	32	41

Table 2.

### IMBERA LOCK OPERATION

1) When the cooler is first powered up, the door should be locked and the red LED should be flashing.

2) To unlock it, use the P1 Key to reset.

NOTES: Always check to see if the red led is blinking before unlocking. If it continues blinking, then a temperature fault was triggered and the cooler or freezer must be serviced. If there is no AC power available and the internal batteries are discharged you can plug a 9 V battery into the connector to provide temporarily power for locking or unlocking the unit.

3) Set the thermostat to position 6.

