HOSHIZAKI HX Series
HXR1A/2A-FS

Full Stainless Door
Laboratory/Pharmacy Refrigerator

PRELIMINARY

HXR1A-FS

HXR2A-FS

- **Designed for performance**
  - o Modular refrigeration system with microprocessor controller provides reliable performance
  - o Thermostatic Expansion Valve (TXV) system quickly and effectively regulates refrigerant flow to control temperatures
  - o Unique ducted air distribution system maintains uniform temperature for consistent cabinet temperatures at each shelf level
  - o Auto-evaporating condensate pan means no overflow or mess

- **Durable construction**
  - o Stainless steel interior and exterior front, sides and top provide resistance to rust and corrosion and is easy to clean
  - o Evaporator coils are epoxy electrocoated to help fight corrosion
  - o Heavy duty, easy to roll casters (two with locks)

- **Energy efficient and sustainable**
  - o Energy star certified (excluding 2 glass door models)
  - o Energy efficient LED lights (full length on glass-door models)
  - o Environmentally friendly R290 hydrocarbon refrigerant
  - o 2 3/8" of CFC-free foamed in place insulation

- **Product Safety**
  - o Audible and visual alarms for high/low temperature, door open, power failure, and low battery
  - o Dry contacts for remote alarming
  - o Standard access port for third party temperature monitoring

- **Heavy-duty door(s) for ease of use**
  - o Multi-pane argon filled glass doors are energy efficient
  - o ADA-compliant full-length flush mount handles
  - o Self-closing doors stay open at 90 degrees for easy product loading
  - o Heavy-duty stainless steel hinges
  - o Locks standard on all doors
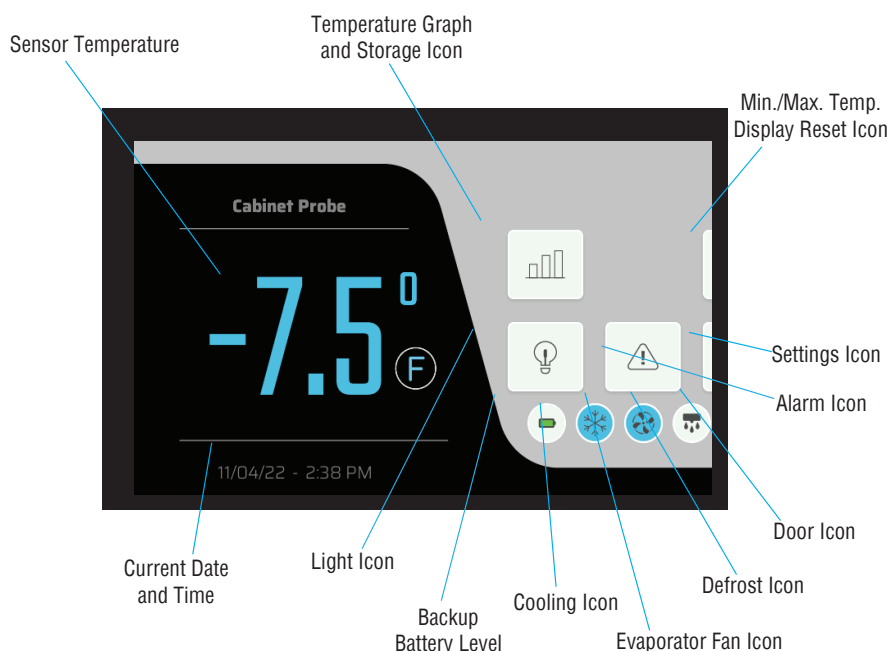
Monitoring display with user-friendly interface
- o 7-inch capacitive multi-touch digital display is user-programmable with temperature in °C or °F
- o Intuitive event and data logging capability with easy download via convenient, front access USB port

Sensor Temperature

Temperature Graph and Storage Icon

Min./Max. Temp. Display Reset Icon

Cabinet Probe

-7.5⁰(F)

11/04/22 - 2:38 PM

Settings Icon

Alarm Icon

Door Icon

Current Date and Time

Light Icon

Defrost Icon

Backup Battery Level

Cooling Icon

Evaporator Fan Icon

High Performance Rated   Intertek   Intertek   NATURAL REFRIGERANT   GEORGIA MADE

	HXR1A-FS	HXR2A-FS

Interior

Height	60.24"	
Shelf-dimensions (WxDxH)	21.25" x 26.00"	
Nominal capacity	23.10 ft³	50.37 ft³

Exterior

W x D x H (height with 4" casters)	27.5" x 34.5" x 79.5"	55" x 33.5" x 79.5"
Door Opening (WxH)	21.75" x 59.25"	
Clearance	Side: 0" Top: 0" Rear: 3"	
Field reversible doors		

Electrical

Voltage	115V/60/1
HACR/Breaker	15.0 Amps
Voltage Range	104-126V
Electrical Connection (NEMA)	5-15P
• 10 ft. cord/hospital grade plug	
Ambient Temp. Range	45°F-80.6°F / 7.2°C - 27°C
Control Set Point Range	31°F-52°F/ -0.56°C - +11.1°C

System performance

Amperage	5	8
Energy consump. (kWh/day) @ASHRAE/Energy Star®	1.25/(2.43)	3.47
Heat rejection (BTU/Hr.) @NSF/Energy Star®	317/(639)	513
Approx. nominal compres. BTU/HR(HP)	770(1/4HP)	1545(1/2HP)
Refrigerant / charge amount	R290/(4.6oz)	R290/(4.9oz)

Shipping

Shipping size (L x W x H)	35.5" x 31.5" x 81"	58" x 37.5" x 81"
Approximate shipping weight	357 lbs.	586 lbs.

Alarming

High and low product temperature alarm	audible and visual, user programmable set points in F° or C°
Power failure alarm	audible and visual
Door ajar alarm	audible and visual
Probe error alarm	probe errors are detected by MC controller
Alarm volume	0-10 scale
Low battery alert	audible and visual
Back-up battery status	shows voltage level
Temperature log	settable continuous recording of data
Remote contacts	No/NC standard, located behind front panel

Data logging

Information log	graphs or displays temperature data and displays chronological event data up to 3 months of data.
Data export	USB export capabilities

Controls

Temperature display	7" LCD capacitive touchscreen digital temperature display available in user-programmable F° or C°
Information log	up to 3 months of data/ 170,661 records
3rd party probe access	bottom lower left rear of cabinet; co-molded liquid tight plug (nylon & elastomer) which can be pierced by round wire
Product temperature display probe	(1) hard wired (±0.7°F , ±0.4°C)
Temperature probe calibration	top probe calibration in 0.1° increments
Password protection PIN	4-digit password to prevent interface setting/selection changes
Date and time	programmable
Product simulation bottle size	20ml
Refrigeration and defrost probes	NTC thermistor type
Refrigeration cycle with probe error	multiple detection functions
Programmable operating range	31°F - 52°F / -0.56°C - +11.1°C
Factory preset	38°F / 3.3°C

Warranty

3 Year - parts and Labor on entire machine. 5 Year - Parts on Compressor. Valid in United States, Canada, Puerto Rico and U.S. Territories. Contact factory for warranty in other countries.

Hoshizaki reserves the right to change specifications without notice.