



30 Cubic Foot Hazardous Location Refrigerator Basic Series with Natural Refrigerants

Model: LRP-HC-ERS-30



Description:

This 30 cu. ft. hazardous location refrigerator is meticulously engineered for the safe and reliable storage of volatile materials in potentially hazardous work environments. It's the ideal choice for industrial environments requiring strict safety protocols. This unit utilizes EPA SNAP compliant natural refrigerants for environmentally responsible operation. Maintaining a consistent temperature range of 2°C to 10°C with tight temperature uniformity, this refrigerator provides dependable cold storage backed by microprocessor technology. It features a durable white powder-coated steel exterior, with a keyed door lock for added security. Adjustable interior shelving allows for versatile organization. With low energy consumption and precise temperature control, the LRP-HC-ERS-30 is a safe and efficient solution for hazardous laboratory locations and industrial settings.

Additional Product Images



Description

Storage capacity (cu. ft)	30 Cu. Ft.
Door	One solid swing, right hinged; stainless steel door handle; magnetic door gasket
Shelves Drawers	Five adjustable Non-applicable
Mounting and Installation	Leveling Legs
Interior lighting	Non-applicable
Airflow Management	Forced draft circulation
External probe access	3/4" probe access port on rear wall
Insulation	EPA compliant high density urethane foam
Exterior materials	Powder coated steel
Access control	Keyed Door Lock



30 Cubic Foot Hazardous Location Refrigerator Basic Series with Natural Refrigerants

Model: LRP-HC-ERS-30

General warranty	Two (2) year parts and labor warranty
Compressor warranty	Five (5) year compressor parts warranty
Product Weight (lbs)	320
Shipping Weight (lbs)	350
Rated Amperage	3.1 Amps
Power Plug/Power Cord local code	Power cord not included - final power connections at site must be hardwired to meet local code
Facility Electrical Requirement	110 - 120V AC, 15A breaker, NEMA 5-15 receptacle
Agency Listing and Certification	UL and c UL listed, Meets NFPA and OSHA guidelines for Hazardous locations, Class 1, Division II, Groups C &D

Performance

Uniformity (Cabinet air)	+/- 1.6°C
Stability (Cabinet air)	+/- 1.5°C
Maximum temperature variation (Cabinet air)	4.6 °C Total
Energy Consumption (KWh/day)	< 1.5 KWh/day
Average Heat Rejection (BTU/hr)	500 BTU/hr
Pull down time to nominal operating temp	<35 min (empty)
Width (in.)	35.75"
Depth (in.)	35.5"
Height (in.)	72.5"
Refrigerant	EPA SNAP compliant R600a Isobutane

Temp Controller

Controller technology	Microprocessor temperature controller - Hazardous Location rated
Temperature Setpoint Range Notes	Minimum temperature limited to avoid freezing
Adjustable Temperature Range	2°C to 10°C
External alarm connection	Remote alarm contacts
Alarms	Audible and visual high/low-temperature alarms, Door ajar alarm, Remote alarm contacts
Display Probe	Product simulator bottle with glass bead media
Disclaimers	Refrigerator requires a minimum 4" of clearance around back and sides of the unit for proper ventilation (more if next to heat rejecting equipment) - improper installation will void the warranty and will lead to temperature maintenance issues, overheating and possible failure