



FZR20 Upright

laboratory & pharmacy freezers

Features

Powerful refrigeration system and superior plenum air distribution

- modular refrigeration system with microprocessor controller provides a ± 1 C (1.8 F) performance throughout
- industry-exclusive plenum air distribution delivers cold air at six different levels
- programmed automatic defrost cycle
- external evaporator and defrost heaters minimize heat gain during defrost cycles, ensuring better product temperature stability
- auto-evaporating condenser

User-friendly interface

- 7" LCD capacitive touchscreen digital temperature display available in user-programmable C or F
- integral event and data logging with easy downloading via convenient USB port

Protection for your valuable products

- audible and visual high/low temperature, door open, power failure, low battery alarms
- dry contacts for remote alarming

Full stainless steel cabinet and high quality components

- full stainless steel interior and exterior provide resistance to rust and corrosion
- quick-connect RTD product temperature probe easily accessible inside storage cabinet
- dished stainless floor contains spills for easy clean up
- heavy-duty dual casters roll easily and lock securely
- 2.75" (6.98 cm) of CFC-free foam insulation throughout
- four heavy-duty epoxy-coated shelves standard

Heavy-duty door for ease of use and energy savings

- 2.60" (6.60 cm) thick insulated stainless steel door with ADA-compliant full length locking handle
- self-closing hinges lock open at 90 degrees for easy product loading

Warranty

- 2 year parts, 5 year compressor parts, 2 year labor

| Model configurations | | | |
|----------------------|---------|--------|------------------------|
| Storage system | Hinging | Keypad | Item number |
| 4 shelves | right | yes | FZR20-LB-RHTKPS |
| 4 shelves | right | no | FZR20-LB-RHT00S |
| 4 shelves | left | yes | FZR20-LB-LHTKPS |
| 4 shelves | left | no | FZR20-LB-LHT00S |

Job

Item

801 Church Lane | Easton, PA 18040, USA
1.800.523.9361 | 1.610.252.7301 | folletthealthcare.com



Factory-installed options

Left-hinged door, facing unit (right-hinged door standard)

Integral keypad and electronic locking system with keyed access manual override

NOTE: Factory-installed options must be specified at time of order – for details contact factory or your local sales representative.

Accessories

Additional shelves, set of 2 (item# 00927251)

Quick-connect replacement RTD temperature probe with ISO 17025 certificate of traceable calibration (item# 01140458)

Pyxis® compatible door bracket (item# 00927202)

Omniceil® compatible door bracket (item# 00966432)

medDISPENSE® compatible door bracket (item# 00978296)

Glycerine, 16 oz (item# 00959296)

Additional key (item# 01035013)

Wall bracket kit, seismic anchoring (item# 00927194)

NOTE: Accessories ship separately.

Touchscreen display



Specification

| | |
|-----------------------|--|
| Nominal capacity | 19.7 cu ft |
| Ventilation clearance | 16.00" (40.6 cm) top, 2.00" (5.08 cm) back (9.00" (22.86 cm) on left side if ambient > 86 F) |

Exterior

| | |
|-------------------------------|---|
| W1 Width | 29.75" (75.6 cm) |
| D1 Depth with handle | 30.50" (77.5 cm) |
| H1 Height with casters | 79.50" (201.9 cm) |
| Casters | (4) swiveling dual wheel casters with toe locks |
| D2 Door swing | 56.50" (143.5 cm) |

Interior

| | |
|-------------------------------|---|
| Height | 55.94" (142.1 cm) |
| Storage system | (4) full, epoxy-coated shelves, adjustable in 1/2" (1.27 cm) increments |
| Shelf dimensions | 23.38" W x 19.50" D (59.4 cm x 49.5 cm) |
| Working load rating per shelf | 59 lb (27 kg) |
| Max. load rating per shelf | 88 lb (40 kg) |

Door configurations

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|-------------|--|
| Door | 2.60" (6.60 cm) thick insulated solid stainless steel door |
| Door lock | cylinder type with one key |
| Door handle | ADA-compliant, full length handle |
| Door hinges | torsion rod self-closing with 90° hold open feature |
| Gasket | magnetic dart style (replaceable) |

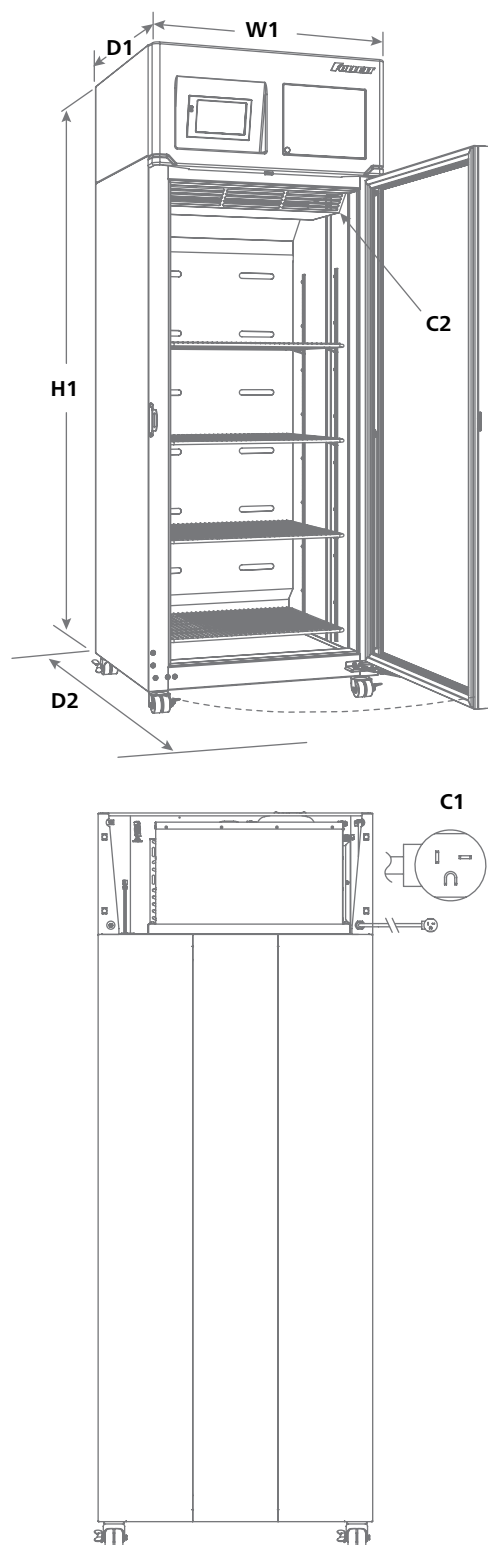
Electrical

| | |
|----------------------|---|
| C1 Electrical | 12 run load amps, NEMA 5-20 120 V/60/1 (108 - 132 V) 90° hospital-grade plug. Max. fuse 20 amps, 9' (2.7 m) cord. |
|----------------------|---|

Controls

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|--------------------------------------|---|
| Temperature display | 7" LCD capacitive touchscreen digital temperature display available in user-programmable C or F |
| C2 3rd party probe access | top right side of cabinet interior |
| Product temperature display probes | (1) quick-connect RTD (± 0.4 C, ± 0.7 F) |
| 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 | (1) 125 ml |
| Refrigeration and defrost probes | NTC thermistor type |
| Refrigeration cycle with probe error | factory set at 6 min on, 4 off, user adjustable |
| Programmable operating range | -37.2 to -17.8 C (-35 to 0 F) |
| Factory preset | -23.9 C |

Dimensional drawing



Omniceil is a registered trademark of Omnicell, Inc. in the United States.
Pyxis is a registered trademark of CareFusion in the United States and other countries.
medDISPENSE is a registered trademark of InterMetro Industries Corp. in the United States and other countries.
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Alarming

| | |
|--|--|
| High and low product temperature alarm | audible and visual, user programmable set points in C or F |
| Power failure alarm | audible and visual |
| Door ajar alarm | audible and visual |
| Probe error alarm | audible and visual – product temperature probes, refrigeration and defrost |
| Alarm mute | 10 minute ring-back |
| Alarm volume | 0-10 scale |
| Low battery alert | audible and visual |
| Back-up battery status | shows voltage level |
| Min/max temperature log | shows highest and lowest product temperature since last reset occurred |
| Remote contacts | NO/NC standard, located behind front panel |

Data logging

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|-----------------|--|
| Information log | graphs or displays temperature data and displays chronological event data (50,000 data points) |
| Data export | USB export capabilities |

System performance

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|--|--|
| Top-to-bottom temperature consistency | ± 1 C (1.8 F) |
| Refrigeration system | integral top-mounted module with 3/4 hp compressor and air-cooled condenser |
| Refrigerant and charge | Non-CFC R404a refrigerant, 10.6 oz |
| Air circulation system | ducted air to each storage level through back plenum openings, front face return |
| Air temperature pull down | 24 to -20 C (75 to -4 F) in 60 minutes |
| Product simulation bottle temperature pull down | 24 to -20 C (75 to -4 F) in 120 minutes |
| Maximum ambient | 86 F (30 C), 60% relative humidity |
| Energy consumption | 10.8 kWh/day (4 hr defrost interval) |
| BTU/hr normal heat rejection, includes duty cycle (75 F ambient) | 2440 BTU/hr (703 Watts) |
| BTU/hr maximum (total) heat rejection, continuous operation (75 F ambient) | 3990 BTU/hr (1169 Watts) |

Shipping

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|---|--|
| Shipping size | 43.00" W x 35.00" D x 82.00" H (109.2 x 88.9 x 208.3 cm) |
| Approximate refrigeration module net weight | 88 lb (40 kg) |
| Approximate net weight | 340 lb (154 kg) |
| Approximate ship weight | 440 lb (200 kg) |
| NOTE: For indoor use only | |

SHORT FORM SPECIFICATION: Upright freezer with 19.7 cu ft of nominal capacity. (4) full, epoxy-coated shelves, adjustable in 1/2" (1.27 cm) increments. Environmentally responsible R404a refrigeration system to include an integral top-mounted module with 3/4 hp compressor and air-cooled condenser. 7" LCD capacitive touchscreen with user selectable C or F. Event and data logging with USB download capability. Air circulation system to duct air through back plenum openings with front face return. Storage area to be insulated with CFC-free, high density polyurethane foam. 9' (2.7 m) power cord with NEMA 5-20 90° hospital-grade plug. UL listed.

