



# FZR25 Upright

## laboratory & pharmacy freezers

### Features

#### Powerful refrigeration system and superior plenum air distribution

- modular refrigeration system with microprocessor controller provides a  $\pm 1$  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	<b>FZR25-LB-RHTKPS</b>
4 shelves	right	no	<b>FZR25-LB-RHT00S</b>
4 shelves	left	yes	<b>FZR25-LB-LHTKPS</b>
4 shelves	left	no	<b>FZR25-LB-LHT00S</b>

Job

Item

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



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## 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.

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## Accessories

Additional shelves, set of 2 (item# 00927269)

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.

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## Touchscreen display



## Specification

Nominal capacity	24.6 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

<b>W1</b> Width	29.75" (75.6 cm)
<b>D1</b> Depth with handle	36.50" (92.7 cm)
<b>H1</b> Height with casters	79.50" (201.9 cm)
Casters	(4) swiveling dual wheel casters with toe locks
<b>D2</b> Door swing	62.50" (158.8 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 25.50" D (59.4 x 64.8 cm)
Working load rating per shelf	78 lb (35 kg)
Max. load rating per shelf	117 lb (53 kg)

### Door configurations

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)

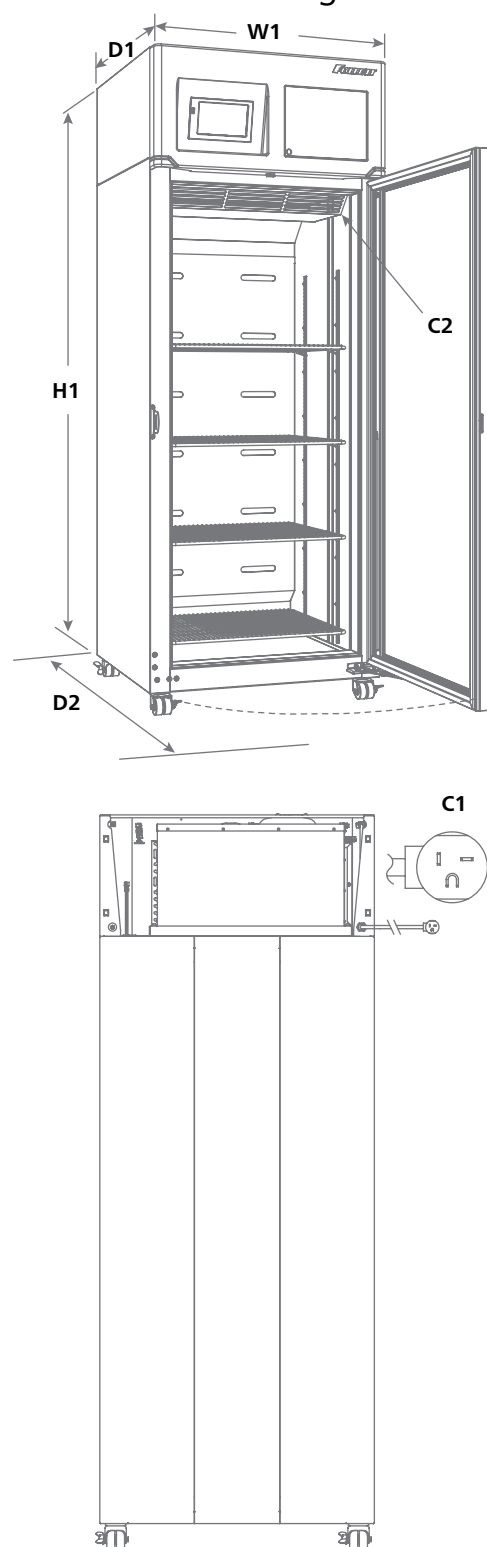
### Electrical

<b>C1</b> 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

Temperature display	7" LCD capacitive touchscreen digital temperature display available in user-programmable C or F
<b>C2</b> 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.  
FOLLETT HEALTHCARE is a trademark of Follett LLC.  
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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

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

## System performance

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

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	370 lb (168 kg)
Approximate ship weight	470 lb (213 kg)
NOTE: For indoor use only	

SHORT FORM SPECIFICATION: Upright freezer with 24.6 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.

