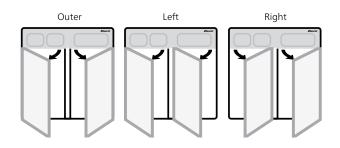






Model configurations						
Storage system	Hinging	Heated door	Keypad	Door style	Item number	
12 drawers	outer	yes	yes	heated glass	REF45-BB-0HTKPG	
12 drawers	outer	yes	no	heated glass	REF45-BB-0HT00G	
12 drawers	outer	no	yes	glass	REF45-BB-000KPG	
12 drawers	outer	no	no	glass	REF45-BB-00000G	
12 drawers	right	yes	no	heated glass	REF45-BB-RHT00G	
12 drawers	right	no	no	glass	REF45-BB-R0000G	
12 drawers	left	yes	no	heated glass	REF45-BB-LHT00G	
12 drawers	left	no	no	glass	REF45-BB-L0000G	



#### **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 center plenum air distribution delivers cold air to both sides at six different levels
- auto-evaporating condensate
- meets AABB, ARC and FDA standards for blood storage at 1 to 6 C

#### 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
- integral 6.00" (15.24 cm) 7-day chart recorder standard with 50 Celsius charts
- dry contacts for remote alarming

#### Superior drawer system for easy, trouble-free rolling

- twelve (six per side) full-extension stainless steel drawers store up to (816) 450 ml bags
- stainless steel roller bearings and S-track design eliminate binding and uneven wear
- drawers and slides lift out without tools for easy cleaning
- track/drawer interface minimizes risk of catching product tubing in slides

#### 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 CARB compliant non-HFC foam throughout

## Heavy-duty door for ease of use and energy savings

- dual-pane glass door with ADA-compliant full length locking handle
- energy efficient low-E glass coating to reduce energy loss by 30 50% compared to non-coated glass
- glass remains condensation-free to 27 C (80 F) at 60% RH and eliminates need for heated doors in most applications
- self-closing hinges lock open at 90 degrees for easy product loading



#### Features (continued)

#### Cool, energy-efficient LED lights

- full length LED light bars illuminate all drawers
- instant-on LEDs eliminate delay of fluorescent lights and deliver longer life
- energy-efficient LEDs allow products to be place next to lights
- auto on with door opening; ON/OFF front panel switch

#### Warranty

- 2 year parts and labor
- 5 year compressor parts only
- optional extended one year warranty (item# EW12)
  - 3 year parts and labor
  - 5 year compressor parts only
- optional extended three year warranty (item# EW36)
  - 5 year parts and labor

#### Certifications



### Factory-installed options:

Integral keypad and electronic locking system with keyed access manual override (available on outer-hinged units only)

Keypad integral to touchscreen controls; electronic locking mechanism opens both doors simultaneously

Heated glass door and frame (recommended for ambients above 27 C (80 F), 60% RH)

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

#### Accessories

Replacement "quick connect" RTD probe with certificate of NIST-traceable calibration, REF12, REF20/25, REFVAC20/25, REF45 and REFVAC45 before serial number Q86639, FZR20/25 and FZRVAC20/25 (item# 01140458)

Replacement "quick connect" RTD probe with certificate of NIST-traceable calibration, REF45 and REFVAC45 after serial number Q86638 (item# 01540640)

Replacement high-side refrigeration module (complete condensing unit) (item# 01147891)

Glycerine, 16 oz (item# 00959296)

Wall bracket kit, seismic anchoring (item# 00927194)

NOTE: Accessories ship separately.

#### Touchscreen display

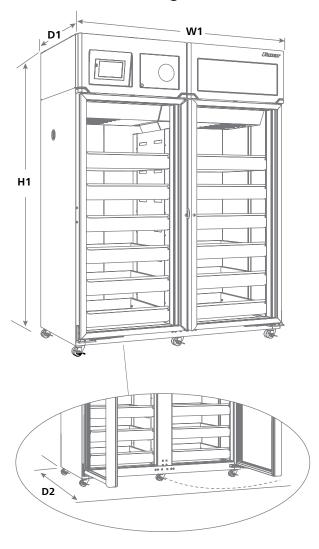


Integral 6.00" (15.24 cm) 7-day chart recorder



Specification			
Nominal capacity	45 cu ft (1274 L)		
Ventilation clearance	16.00" (40.6 cm) top, 2.00" (5.08 cm) back		
Exterior			
<b>W1</b> Width	59.75" (151.7 cm)		
<b>D1</b> Depth with handle	33.55" (85.2 cm)		
<b>H1</b> Height with casters	79.54" (202.0 cm)		
Casters	(6) swiveling dual wheel casters with toe locks		
<b>D2</b> Door swing	59.55" (151.3 cm)		
Interior			
Height	54.31" (138.0 cm) with upper return panel		
Lighting	(2) energy efficient full length LED lights		
Storage system	(12) full-extension stainless steel drawers (6 per side)		
Inside drawer dimensions	22.50" W x 24.69" D x 3.00" H (57.5 cm x 62.7 cm x 7.62 cm)		
Space between drawers	8.00" (20.32 cm) fixed		
Blood bag capacity per drawer	68		
Max. load rating per drawer	117 lb (53 kg)		
Door configurations			
Door	(2) dual-pane glass, argon filled with low-E coating (heated opt)		
Door lock	cylinder type with one key per door		
Door handle	ADA-compliant, full length handle		
Door hinges	torsion rod self-closing with 90° hold open feature		
Gasket	magnetic dart style (replaceable)		
Electrical			
Electrical 115 V/60/1 (103 - 132 V)	12 full load amps, NEMA 5-20P, 90° hospital-grade plug, 9' (2.7 m) cord.		
Maximum size of branch circuit overcurrent device	20 amps dedicated circuit		
Controls			
Temperature display	7" LCD capacitive touchscreen digital temperature display available in user-programmable C or F		
3rd party probe access	soft access port on left side of cabinet		
Product temperature display probe	(2) 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 size	(2) 125 ml		
Refrigeration and defrost probes	NTC thermistor type		
Refrigeration cycle with probe error Programmable operating range	factory set at 2 min on, 6 off 3.3 to 10 C (38 to 50 F)		

# Dimensional drawing



FOLLETT and FOLLETT HEALTHCARE are registered trademarks of Follett Products, LLC, registered in the US.
Follett reserves the right to change specifications at any time without obligation.

Factory preset

3.3 C

Alarming			
High and low product	audible and visual, user		
temperature alarm (top probe)	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		
Alarm mute	10 minute ring-back, adjustable		
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		
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 modules with 1/2 hp compressor and air-cooled condenser		
Refrigerant and charge	non-CFC R134a refrigerant, 13 oz		
Air circulation system	ducted air to each storage level through plenum openings		
Air temperature pull down	27 to 4 C (80 to 39 F) in 60 minutes		
Product simulation bottle temperature pull down	27 to 4 C (80 to 39 F) in 6 h (to 6 C (43 F) in 2 h 40 min)		
Energy consumption	7.4 kWh/day (auto-off defrost)		
BTU/hr normal heat rejection, includes duty cycle (75 F ambient)	1480 BTU/hr (434 W)		
BTU/hr maximum (total) heat rejection, continuous operation (75 F ambient)	5240 BTU/hr (1536 W)		
Shipping			
Shipping size	70.00" W x 48.00" D x 83.00" H (177.8 x 121.9 x 210.8 cm)		
Approximate refrigeration condenser module net weight	52 lb (24 kg)		
Approximate net weight	790 lb (359 kg)		
Approximate ship weight	930 lb (422 kg)		
NOTE E : I			

SHORT FORM SPECIFICATION: Upright double door blood bank refrigerator with 45 cu ft (1274 L) of nominal capacity. To include (12) full-extension stainless steel drawers with shielded roller bearings and stainless S-tracks. Environmentally responsible R134a refrigeration system to include top-mounted modules with 1/2 hp compressor and air-cooled condenser. 7" LCD capacitive touchscreen with user selectable C or F. Event and data logging with USB download capability. Integral 6.00" (15.24 cm) 7-day chart recorder. Air circulation system distributes cold air to both sides at 6 different levels. Storage area to be insulated with CARB compliant non-HFC foam. 9' (2.7 m) power cord with NEMA 5-20 90° hospital-grade plug. UL listed.

NOTE: For indoor use only