FBC-40T-RH

2 Trolley roll-in blast chillers/shock freezers, with remote compressor



FBC-40T-RH (cabinet)



Remote condenser unit (included, assembly required)



Quick disconnects (included)

Model configurations			
Description	Hinging	V/Hz/Ph/A	**Item number**
2 trolley (cabinet)	right	208-220/60/1/4	**FBC-40T-RH**
Remote condenser	N/A	208-220/60/3/47.1	

Features

Commercial blast chillers and blast freezers are designed to rapidly chill and shock freeze ingredients and prepared food down to safe temperatures, quickly.

Preserve nutrients, aid in reducing food waste and minimize preparation times

Roll-in unit fits 2 full-sized speed racks or combi carts (not included)

Exceed food safety standards[1]

- chill from 194 F to 37 F (90 C to 3 C) in 90 minutes
- freeze from 194 F to 0 F (90 C to -18 C) in 270 minutes

7" digital touchscreen control allows for preset chill and freeze cycles and custom recipe creation

Advanced control system includes cycles such as soft chill, hard chill, soft freeze, hard freeze, holding, and end of cycle mode

Multi-core probe with 4 reading points

Powerful refrigeration system

- pre-charged compressor
- 33.00' (1005.84 cm) of pre-charged line with quick disconnects
- non-ozone depleting, low GWP R449A refrigerant
- self-lubricating, sealed cast iron evaporator fan motor with high volume air flow design
- automatic defrost
- operating temperature range: -40°F to 50°F

Cabinet construction

- full stainless steel AISI 304 construction provides resistance to rust and corrosion
- interior rounded corners, removable door gasket, and evaporator compartment for easy cleaning
- self-closing door with 105° stop
- 11.20" (28.4 cm) ramp

Warranty

- 3 years parts and labor, 5 years compressor parts only

Certifications (applied to all products unless otherwise noted)

[1] All tests completed using 2.00" (5.08 cm) thick food product.

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Specification

Capacity	2 full-sized speed racks (18" x 26" sheet pans) or 2 combi carts (70.055" H x 30.35" W x 35.15" D) (not included)
Ventilation clearance	Condenser: 40.00" (101.6 cm) on all sides

Exterior

Width	Cabinet: 59.00" (149.9 cm) Remote condenser: 56.13" (142.6 cm)
Depth	Cabinet: 75.91" (192.8 cm) Remote condenser: 40.50" (102.9 cm)
Height	Cabinet: 88.88" (225.8 cm) Remote condenser: 28.00" (71.1 cm)

Door configurations

Door	External handle with lever, lock with keys and foam tape. Internal handle with foam tape and adjustable striker. Door lock with keys and adjustable striker. n.3 per flag hinges with vertical adjustment per each door.

Electrical

Cabinet	Factory pre-wired dedicated outlet with cord NEMA L6-20P HUBBEL plug 208-220V/60Hz/1, 4 Amps, dedicated 50 amp circuit required
Remote condenser	208-220V/60Hz/3, 47.1 Amps, dedicated 50 amp circuit required
Compressor	No plug, installer to add a plug or hardwire

Controls

Temperature display	7" digital touchscreen control with HACCP data tracker and alarms
Probe	(4) single reading point, PT1000 type
Programmable operating range	-40 F to 50 F (-40 C to 10 C)

System performance

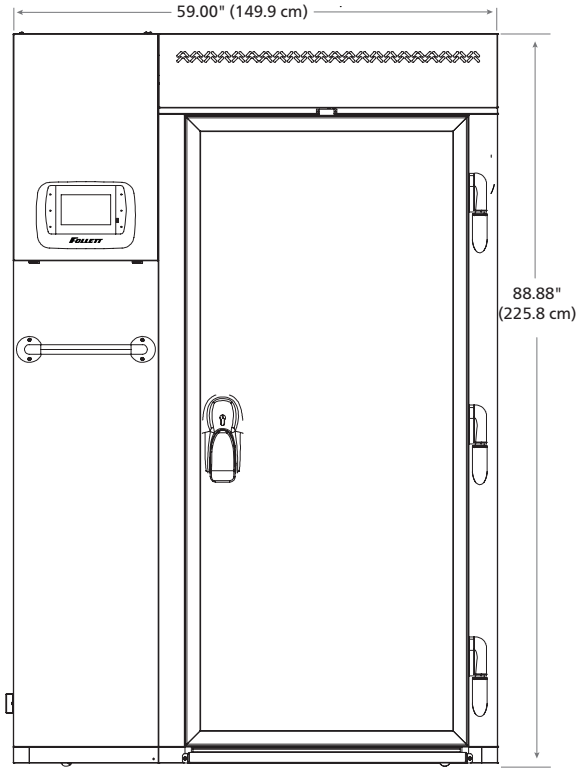
Maximum ambient temperature	104 F (40 C)
Blast chilling yield	194 F to 37 F (90 C to 3 C) in 90 minutes – 617 lb (280 kg)
Shock freezing yield	194 F to 0 F (90 C to -18 C) in 270 minutes – 507 lb (230 kg)
Refrigerant	R449A
Refrigerant charge	282 oz (8.0 kg)
Energy consumption, remote condenser	40,854 BTU/hr chilling, 21,725 BTU/hr freezing / 10 HP / RLA: 50.7 A / LRA: 186 A / MCA 66 A / MOP 200 A
Compressor	Semi-Hermetic

Shipping

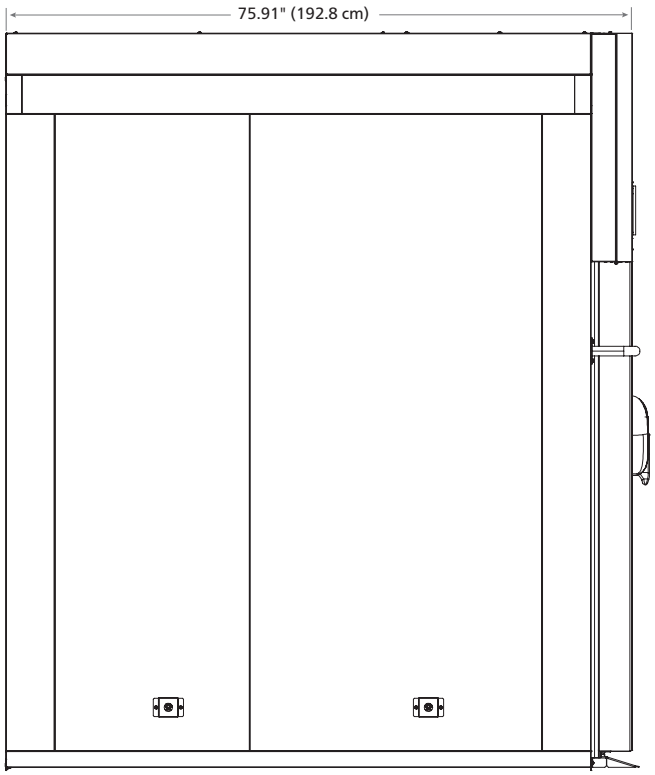
Shipping dimensions (W x D X H)	Cabinet: 83.86" x 46.85" x 97.64" (213.0 x 119.0 x 248.0 cm) Remote condenser: 44.09" x 58.27" x 48.43" (112.0 x 148.0 x 123.0 cm) Evaporator: 82.12" x 24.0" x 97.6" (208.6 x 61.00 x 248 cm)
Approximate ship weight	Cabinet: 882 lb (400 kg) Remote condenser: 1,116 lb (506 kg) Evaporator: 493 lb (224 kg)
NOTE: For indoor use only	

Dimensional drawing

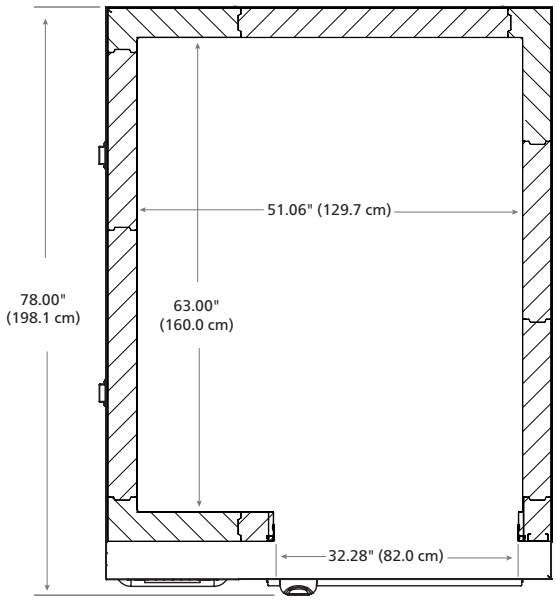
Front View



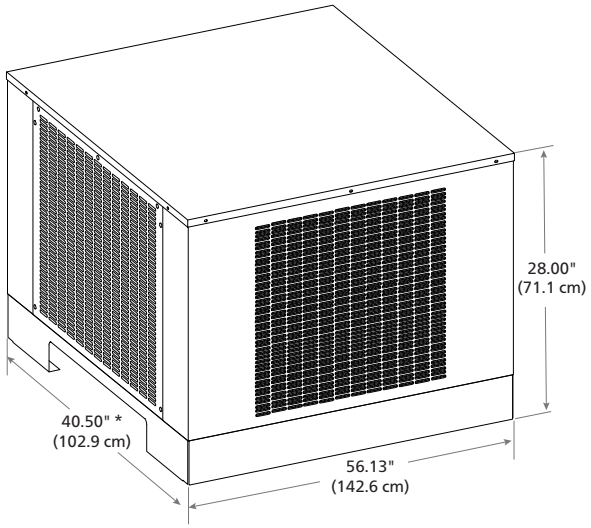
Side View



Top View



Remote Condensing Unit



*Add 2.94" (7.47 cm) for fittings

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