

MEDIUM TEMP MODELS

- ☐ BEM-2-30CU ☐ BEM-4-30CU
- ☐ BEM-3-30CU ☐ BEM-5-30CU

LOW TEMP MODELS

- ☐ BEL-2-30CU ☐ BEL-4-30CU
- ☐ BEL-3-30CU ☐ BEL-5-30CU



BEM-3-30CU/BEL-3-30CU (shown with ends installed)



R290
ECO-FRIENDLY
NATURAL REFRIGERANT



PATENT PENDING
REFRIGERATION
SYSTEM DESIGN



OPTIONS

- ☐ Condensate pump
- ☐ Vaporizer pan
- ☐ End kits
- ☐ Partitions
- ☐ Additional shelving

FEATURES

CONSTRUCTION

- Innovative design allows condensing units to be removed so merchandiser fits through an 80" tall door during installation
- Front air screen blocks warm outside air for fewer required defrosts and greater energy efficiency
- Narrow footprint and shallow bumper for minimum intrusion into sales space
- Field installed 24 gauge steel shroud with finish matching cabinet exterior
- Condensing unit metal housing complies with UL standards for A3 refrigerants
- Factory pre-wired for easy field connection—only the main electrical connection between the merchandiser and incoming power is required on site
- Cam-locked panels on back, top and bottom for added strength and rigidity
- 2-1/2" thick back wall, bottom, ends and partitions
- Ends must be ordered separately
- Baked-on polyester smooth steel finish exterior & interior
- Five cantilever solid shelves with price tag molding per door
- Shelves rated to support 135 lbs. each
- Product stop prevents product from falling behind shelves
- Zero ODP insulation
- Standard electronic controller

DOORS

- 30" wide argon-filled low energy glass doors
- Factory-applied anti-fog film keeps doors clear
- Self-closing door hinge with adjustable torsion control
- Standard black door and frame

REFRIGERATION

- Self-contained, factory-tested refrigeration system
- Refrigerant: R290
- Line sets with quick connect fittings to easily remove condensing unit and reinstall
- Heavy-duty copper tube evaporator coil
- Electric defrost standard on low temp models
- Two-speed EC fan motors are up to 65% more efficient for added capacity
- Optional condensate pump and evaporator available
- Temperature range:
 - BEM-CU models: 34° to 41°F (1° to 5°C)
 - BEL-CU models: 0° to -15°F (18° to -26°C)
- R-factor (insulation efficiency rating): 20.0

WARRANTY

- Standard limited two year parts and labor on cabinet and condensing unit with five year coverage on compressor part

TECHNICAL SPECIFICATIONS

Models	BEM-2-30CU	BEM-3-30CU	BEM-4-30CU	BEM-5-30CU	BEL-2-30CU	BEL-3-30CU	BEL-4-30CU	BEL-5-30CU
Crated Weight (lbs) (kg)*	912 (414)	1532 (695)	1887 (856)	2217 (1006)	1270 (576)	1510 (685)	2111 (958)	2283 (1036)
Overall Height (in) (mm)**	97-1/8 (2467)	97-1/8 (2467)	97-1/8 (2467)	97-1/8 (2467)	100-1/8 (2543)	100-1/8 (2543)	100-1/8 (2543)	100-1/8 (2543)
Overall Width (in) (mm)***	62 (1581)	92-7/16 (2354)	122-7/8 (3102)	153-5/16 (3900)	62 (1581)	92-7/16 (2354)	122-7/8 (3102)	153-5/16 (3900)
Overall Depth (in) (mm)****	40-3/8 (1026)	40-3/8 (1026)	40-3/8 (1026)	40-3/8 (1026)	40-3/8 (1026)	40-3/8 (1026)	40-3/8 (1026)	40-3/8 (1026)
Number of Doors	2	3	4	5	2	3	4	5
Number Of Shelves	10	15	20	25	10	15	20	25
Shelf Depth (in) (mm)	23 (584)	23 (584)	23 (584)	23 (584)	23 (584)	23 (584)	23 (584)	23 (584)
Product Facing (sq. ft.)	28.2	42.0	55.9	69.7	28.2	42.0	55.9	69.7
Pack-Out (cu. ft.)	54.1	80.6	107.1	133.7	54.1	80.6	107.1	133.7
Number Of Interior Lights	3	4	5	6	3	4	5	6

* Crated weight includes cabinet ends and condensing unit.

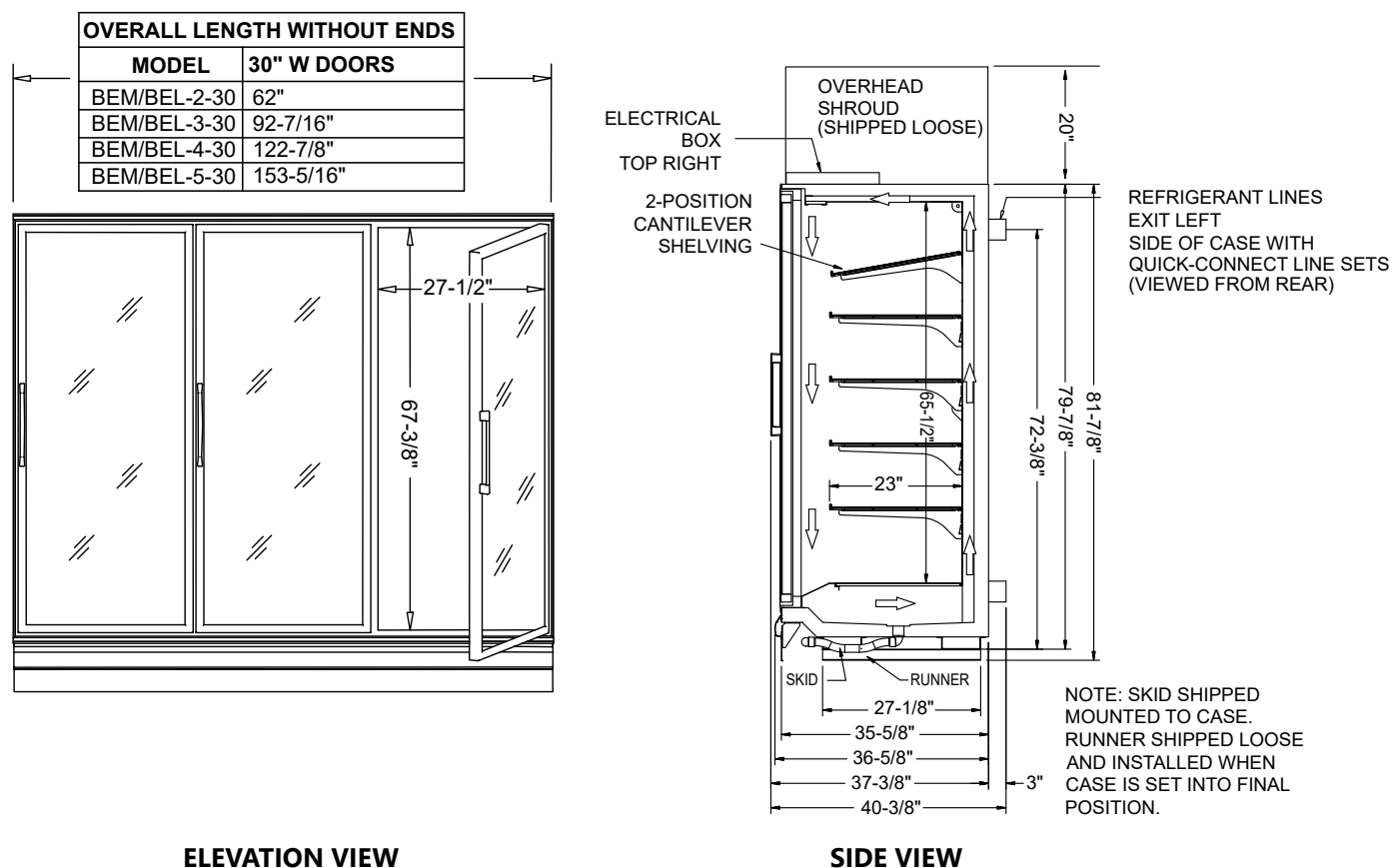
** Includes removable skid runner for installation purposes. Without runner: 79-3/4"H. **Also includes height of condensing unit (cooler unit is 15.25"H, freezer unit is 18.25"H). Does not include height of shroud (when used) in front of condensing units which is 20"H. See side view diagram below.**

*** Add 2-1/2" (64 mm) to length for each end or insulated partition. Also allow an additional 1" clearance for case and assembly dimensional tolerance stack-up.

****Depth includes end panels, door handles and required rear piping stand-offs.

When ordering multi-cabinet line-ups, please note:

- A 2-1/2" thick partition is required between cooler and freezer modules
- A 1/16" thick partition is required between each module of like temperatures
- Joining kits for linking together modules are standard
- Please allow an additional 1" clearance for case and assembly dimensional tolerance stack-up



ENERGY USAGE AND HEAT REJECTION

Model	kW*hr/Day Limit	kW*hr/Day Consumed	Heat of Rejection (Btu/hr)
BEM-2-30CU	6.44	6.1	3109
BEM-3-30CU	9.11	8.75	3553
BEM-4-30CU	11.81	9.98	6218
BEM-5-30CU	12.93	11.12	7107
BEL-2-30CU	19.12	17.56	7150
BEL-3-30CU	26.88	22.3	7926
BEL-4-30CU	34.71	29.7	10,210
BEL-5-30CU	37.94	35.51	13,590

CABINET CAPACITY & ELECTRICAL DATA (IN AMPS)

Model	BEM-2-30CU	BEM-3-30CU	BEM-4-30CU	BEM-5-30CU	BEL-2-30CU	BEL-3-30CU	BEL-4-30CU	BEL-5-30CU
Capacity	3629	3629	7258	7258	5050	7350	10,100	14,700
ELECTRICAL DATA								
Voltage	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
Circuit Breaker	20A on 12AWG	20A on 12AWG	20A on 12AWG	20A on 12AWG	20A on 12AWG	20A on 12AWG	30A on 10AWG	40A on 8 AWG
Compressor RLA	7.0	7.0	7.0 (2)*	7.0 (2)*	7.6	10.4	7.6 (2)*	10.4 (2)*
Defrost Heat	N/A	N/A	N/A	N/A	3.04 (2)*	3.26 (2)*	3.04 (4)*	3.26 (4)*
Frame Heat	1.6	2.2	2.9	3.5	1.9	2.6	3.3	4.1
MODELS WITH CONDENSATE VAPORIZER AND PUMP								
MCA**	16	16	16.3	16.3	16.6	20	25.3	31.6
MOP	20	20	20	20	20	30	30	40
MODELS WITH FLOOR DRAIN								
MCA**	10.3	10.3	12.7	13.5	12.3	16.7	22.2	29.5
MOP	15	15	20	20	20	25	30	40

*Amperage is per condensing unit. Number of condensing units in parenthesis. **Circuit can be sized to MCA.

LISTINGS



HOOK UP

Hardwire.

NOTE: Cabinet designed for optimum performance in air-conditioned area at 75°F ambient and 55% relative humidity. All specifications within this publication subject to change without notice.