

ITEM NO. \_\_\_\_\_  
 PROJECT \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 DATE \_\_\_\_\_ QTY. \_\_\_\_\_

## BEM/BEL-SC SERIES

Semi-Self-Contained  
 Endless Glass Door Merchandisers

### MED. TEMP MODELS

- BEM-2-30SC
- BEM-3-30SC
- BEM-4-30SC
- BEM-5-30SC

### LOW TEMP MODELS

- BEL-2-30SC
- BEL-3-30SC
- BEL-4-30SC
- BEL-5-30SC



**BEM-3-30SC/BEL-3-30SC** (shown with ends installed and semi-self-contained refrigeration system)



### OPTIONS

- Anti-fog film on low temp Thermoseal® glass doors (factory applied) keeps doors clear even after opening

### FEATURES

#### CONSTRUCTION

- Front air screen blocks warm outside air for fewer required defrosts and greater energy efficiency
- Designed to fit through an 80" tall door opening
- Narrow footprint and shallow bumper for minimum intrusion into sales space
- Field installed 24 gauge steel shroud with finish matching cabinet exterior
- Condensing unit covered with fiberglass mat sound insulation
- Factory pre-wired for easy field connection. Only field wiring required is main power connection between condensing unit and merchandiser.
- Cam-locked panels on back, top and bottom for added strength and rigidity to the case
- 2-1/2" thick back wall, bottom, ends and partitions
- Ends must be ordered separately
- Baked-on polyester smooth steel finish on exterior and interior
- Five cantilever solid shelves with price tag molding per door
- Shelves rated to support 135 lbs. each
- Product Stop feature to prevent product from falling behind shelves
- Zero ODP insulation
- Standard electronic controller

#### DOORS

- 30" wide glass doors
- Self-closing door hinge with adjustable torsion control
- Standard black door and frame

#### REFRIGERATION

- Semi-self-contained refrigeration system
- Flexible refrigerant line-sets for easier installation
- EC fan motors are up to 65% more efficient than standard motors with less waste heat present inside the cold space
- Condensate evaporator and condensate pump provided
- Refrigerant: R-404A or R449A
- Factory tested refrigeration system
- Heavy-duty copper tube evaporator coil
- Electric defrost standard on low temp models
- Pre-mounted expansion valve
- Temperature range:
  - BEM models: 34° to 41°F (1° to 5°C)
  - BEL 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-2-30SC	BEM-3-30SC	BEM-4-30SC	BEM-5-30SC	BEL-2-30SC	BEL-3-30SC	BEL-4-30SC	BEL-5-30SC
Crated Weight (lbs) (kg)*	852 (387)	1472 (669)	1767 (803)	2097 (953)	1185 (539)	1425 (648)	1941 (882)	2113 (960)
Overall Height (in) (mm)**	81-7/8 (2080)	81-7/8 (2080)	81-7/8 (2080)	81-7/8 (2080)	81-7/8 (2080)	81-7/8 (2080)	81-7/8 (2080)	81-7/8 (2080)
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.

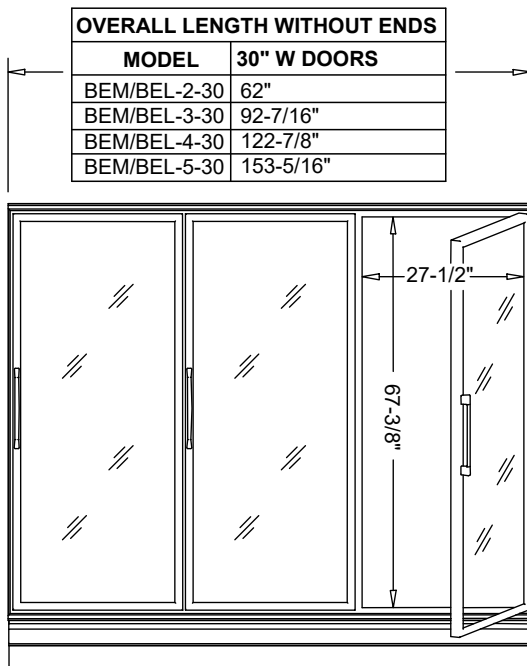
\*\*Includes removable skid runner for installation purposes. Without runner: 79-3/4"H. **Add 20" for overhead shroud.**

\*\*\*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.

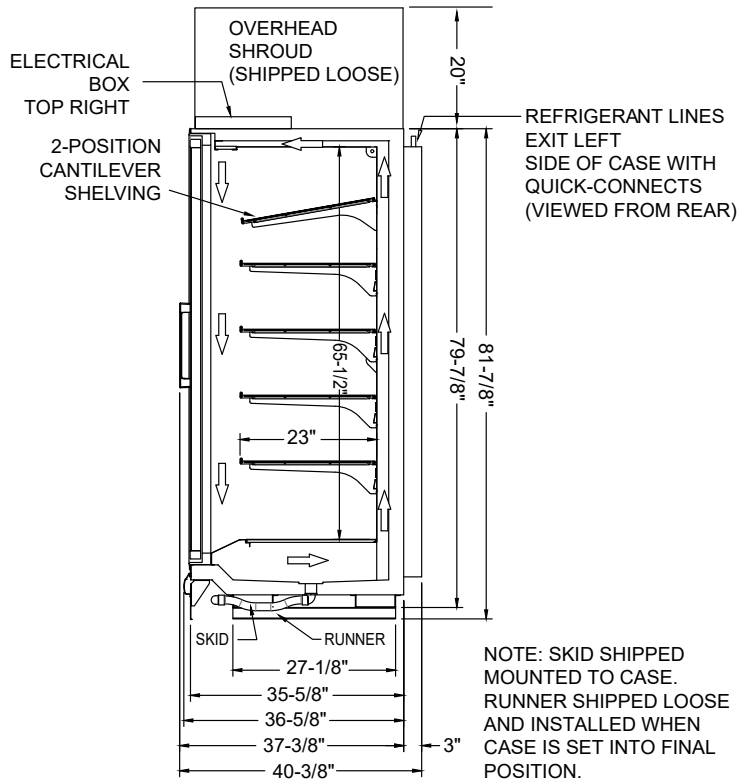
\*\*\*\*Depth includes end panels, door handles and required rear piping stand-offs.

**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



**ELEVATION VIEW**



**SIDE VIEW**

**CONDENSING UNIT CAPACITY & SYSTEM ELECTRICAL DATA (IN AMPS)**

		2-DOOR	3-DOOR	4-DOOR	5-DOOR	
<b>FREEZER MERCHANDISERS</b>	Condensing Unit Model	MSLD010EB-ENQ	MSLD012EB-ENQ	MSLD017EB-ENQ	MSLD020EB-ENQ	
	Unit Capacity (BTUH)*	3125	4672	6733	8045	
	<b>ELECTRICAL DATA</b>					
	Compressor RLA (Amps)	6.1	8.7	13.6	13.9	
	Defrost Heaters (Amps)	6.1	9.1	12.2	15.2	
	Anti-Sweat Heaters (Amps)	3.3	4.8	6.3	7.7	
	Min. Circuit Amps	14.8	18.3	26.2	28.6	
	Max. Overcurrent Protector	20.0	25.0	35.0	40.0	
	Minimum Wire Gauge <sup>3</sup>	12.0	12.0	10.0	10.0	

		2-DOOR	3-DOOR	4-DOOR	5-DOOR	
<b>COOLER MERCHANDISERS</b>	Condensing Unit Model	MHMD002EB-ENQ	MHMD002EB-ENQ	MHMD003EB-ENQ	MHMD003EB-ENQ	
	Unit Capacity (BTUH)**	3326	3326	4990	4990	
	<b>ELECTRICAL DATA</b>					
	Compressor RLA (Amps)	3.0	3.0	3.8	3.8	
	Anti-Sweat Heaters (Amps)	0.5	0.8	1.2	1.5	
	Min. Circuit Amps	10.9	11.1	12.4	12.6	
	Max. Overcurrent Protector	15.0	15.0	15.0	15.0	
	Minimum Wire Gauge***	12.0	12.0	12.0	12.0	

**Notes:**

\*Rated at -20°F SST, 80°F ambient temperature

\*\*Rated at +25°F SST, 80°F ambient temperature

\*\*\*208-230V 4-wire power supply required

**LISTINGS**

**HOOKUP**

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.**