



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



## BEM/BEL-SC SERIES SEMI-SELF-CONTAINED

Endless Glass Door Merchandisers  
With Bottom Mounted Coil &  
30-Inch Wide Doors

### MEDIUM TEMP MODELS

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

### LOW TEMP MODELS

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

## FEATURES

### CONSTRUCTION

- Front air screen blocks warm outside air and means 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 textured steel finish on exterior and interior
- Five cantilever epoxy-coated welded wire 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:
  - Ability to monitor defrost functions from the front panel interface
  - Audible and visual alarm
  - Eliminates room thermostat, defrost termination/fan delay control, defrost timer and digital thermometer or other temperature indicator

### DOORS

- 30" wide glass doors
- Self-closing door hinge with adjustable torsion control
- Standard black door and frame (optional colors available)

### 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
- Additional two year coverage on compressor part

## OPTIONS

- Anti-fog film on glass doors (factory applied) keeps doors clear even after opening
- Motion sensors for lighting control save energy during off-peak hours and closings



# BEM/BEL-SC SERIES SEMI-SELF-CONTAINED ENDLESS GLASS DOOR MERCHANDISERS WITH BOTTOM MOUNTED COIL & 30-INCH WIDE DOORS

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

## TECHNICAL SPECIFICATIONS

MODEL	DIMENSIONS (in.)			DIMENSIONS (mm)			NO. OF DOORS	NO. OF SHELVES	SHELF DEPTH (in.)	PRODUCT FACING SQ. FT.	PACK-OUT CU. FT.	NO. OF INTERIOR LIGHTS
	L*	D**	H***	L*	D	H						
BEM/BEL-2-30SC	62	37 <sup>3</sup> / <sub>8</sub>	81 <sup>7</sup> / <sub>8</sub>	1581	949	2080	2	10	23	28.2	54.1	3
BEM/BEL-3-30SC	92 <sup>7</sup> / <sub>16</sub>	37 <sup>3</sup> / <sub>8</sub>	81 <sup>7</sup> / <sub>8</sub>	2354	949	2080	3	15	23	42.0	80.6	4
BEM/BEL-4-30SC	122 <sup>7</sup> / <sub>8</sub>	37 <sup>3</sup> / <sub>8</sub>	81 <sup>7</sup> / <sub>8</sub>	3102	949	2080	4	20	23	55.9	107.1	5
BEM/BEL-5-30SC	153 <sup>5</sup> / <sub>16</sub>	37 <sup>3</sup> / <sub>8</sub>	81 <sup>7</sup> / <sub>8</sub>	3900	949	2080	5	25	23	69.7	133.7	6

\*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. \*\*Includes end panels and door handles. \*\*\*Includes removable skid runner for installation purposes. Without runner – 79<sup>3</sup>/<sub>4</sub>"H. Add 20" for overhead shroud.

## LISTINGS



## HOOKUP

Hardwire.

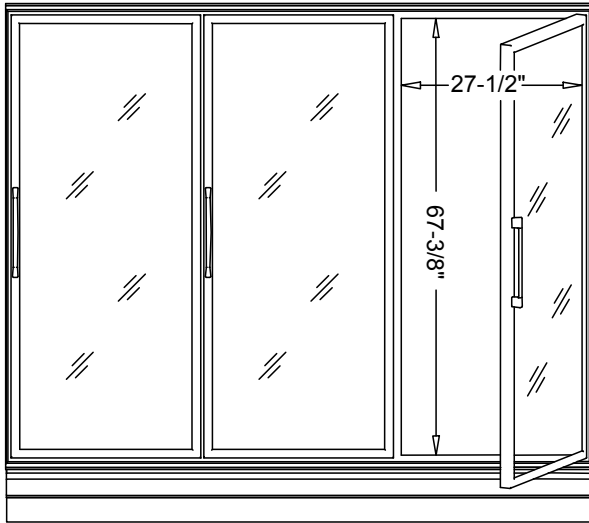
## SHIP WEIGHTS

MODEL	CABINET WT. WITH ENDS LB/KG	CONDENSING UNIT WT. LB/KG	TOTAL WT. LB/KG
BEM-2-30SC	755/343	97/44	852/387
BEM-3-30SC	1375/625	97/44	1472/669
BEM-4-30SC	1670/759	97/44	1767/803
BEM-5-30SC	2000/909	97/44	2097/953

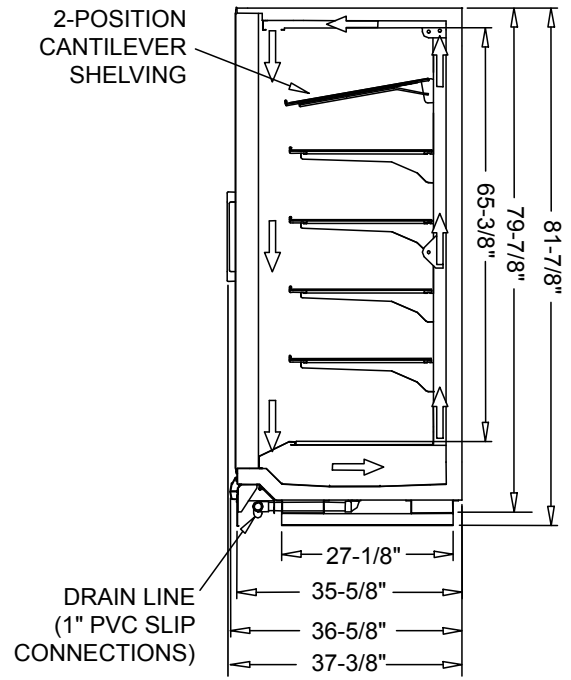
MODEL	CABINET WT. WITH ENDS LB/KG	CONDENSING UNIT WT. LB/KG	TOTAL WT. LB/KG
BEL-2-30SC	1085/493	100/45	1185/539
BEL-3-30SC	1325/602	100/45	1425/648
BEL-4-30SC	1785/811	156/71	1941/882
BEL-5-30SC	1955/889	158/72	2113/960

**OVERALL LENGTH WITHOUT ENDS**

MODEL	30" W DOORS
BEM/BEL-2-30	62"
BEM/BEL-3-30	92-7/16"
BEM/BEL-4-30	122-7/8"
BEM/BEL-5-30	153-5/16"



**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-END	MSLD015EB-END	MSLD017EB-END	MSLD020EB-END
	Unit Capacity (BTUH) <sup>1</sup>	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-END	MHMD002EB-END	MHMD003EB-END	MHMD003EB-END
	Unit Capacity (BTUH) <sup>2</sup>	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 <sup>3</sup>	12.0	12.0	12.0	12.0

**Notes:**

1. Rated at -20°F SST, 80°F ambient temperature
2. Rated at +25°F SST, 80°F ambient temperature
3. 208-230V 4-wire power supply required

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



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