

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)



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

OPTIONS

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

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.

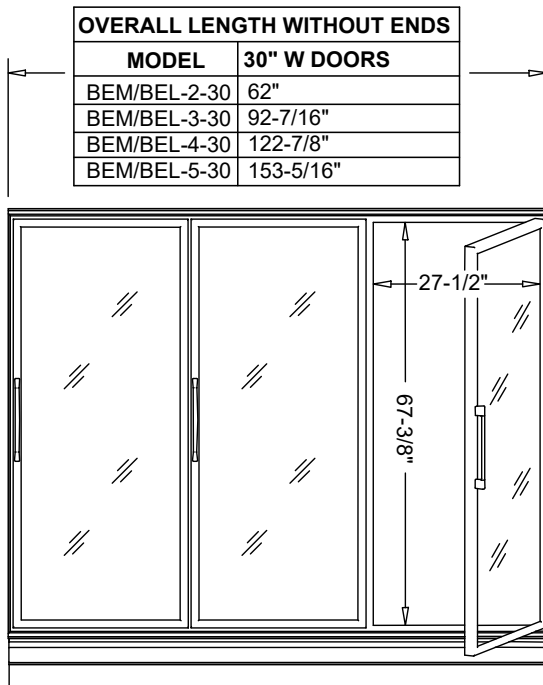
Includes removable skid runner for installation purposes. Without runner: 79-3/4"H. **Add 20" for overhead shroud.

***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.

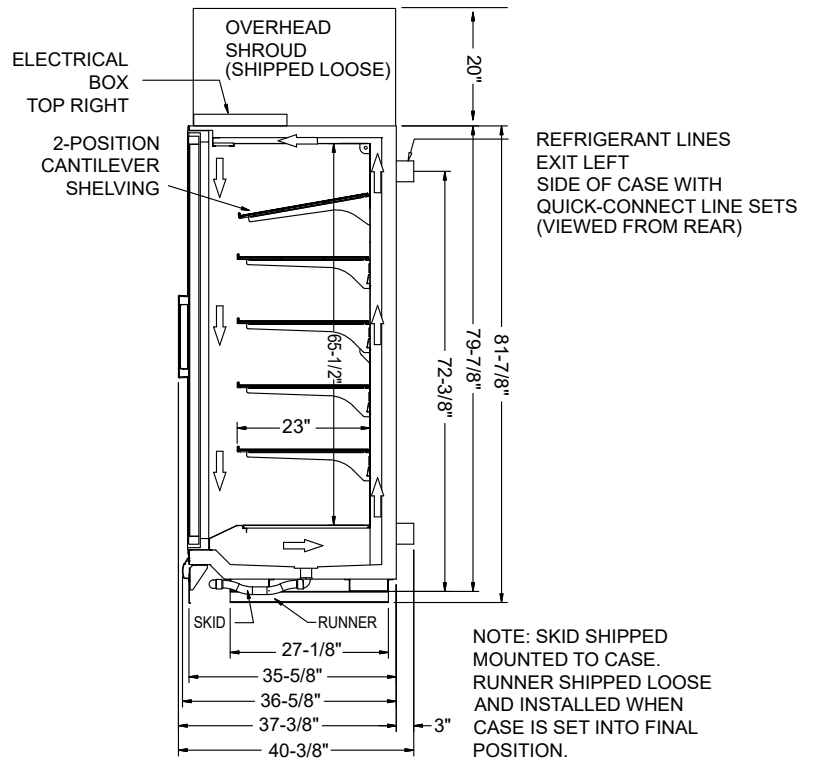
****Depth includes end panels, door handles and required rear piping stand-offs.

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

NOTE: SKID SHIPPED MOUNTED TO CASE. RUNNER SHIPPED LOOSE AND INSTALLED WHEN CASE IS SET INTO FINAL POSITION.

ENERGY USAGE AND HEAT REJECTION

MODEL	MDEC LIMIT (KWH/DAY)	CDEC (KWH/DAY)	CONDENSING UNIT MODEL	ESTIMATED HEAT REJECTION (BTUH)
BEM-2-30SC	8.77	4.47	MHMD002EB-ENQ	5714
BEM-3-30SC	11.96	6.80	MHMD002EB-ENQ	5714
BEM-4-30SC	14.27	9.33	MHMD003EB-ENQ	6362
BEM-5-30SC	17.68	11.60	MHMD003EB-ENQ	6362
BEL-2-30SC	19.97	11.47	MSLD010EB-ENQ	5522
BEL-3-30SC	28.09	16.33	MSLD012EB-ENQ	7079
BEL-4-30SC	33.97	20.99	MSLD017EB-ENQ	8033
BEL-5-30SC	42.65	26.21	MSLD020EB-ENQ	12610

CONDENSING UNIT CAPACITY & SYSTEM ELECTRICAL DATA (IN AMPS)

		2-DOOR	3-DOOR	4-DOOR	5-DOOR
FREEZER MERCHANDISERS	Condensing Unit Model	MSLD010EB-ENQ	MSLD012EB-ENQ	MSLD017EB-ENQ	MSLD020EB-ENQ
	Unit Capacity (BTUH)*	3125	4672	6733	8045
	ELECTRICAL DATA				
	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 ³	12.0	12.0	10.0	10.0

		2-DOOR	3-DOOR	4-DOOR	5-DOOR
COOLER MERCHANDISERS	Condensing Unit Model	MHMD002EB-ENQ	MHMD002EB-ENQ	MHMD003EB-ENQ	MHMD003EB-ENQ
	Unit Capacity (BTUH)**	3326	3326	4990	4990
	ELECTRICAL DATA				
	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.