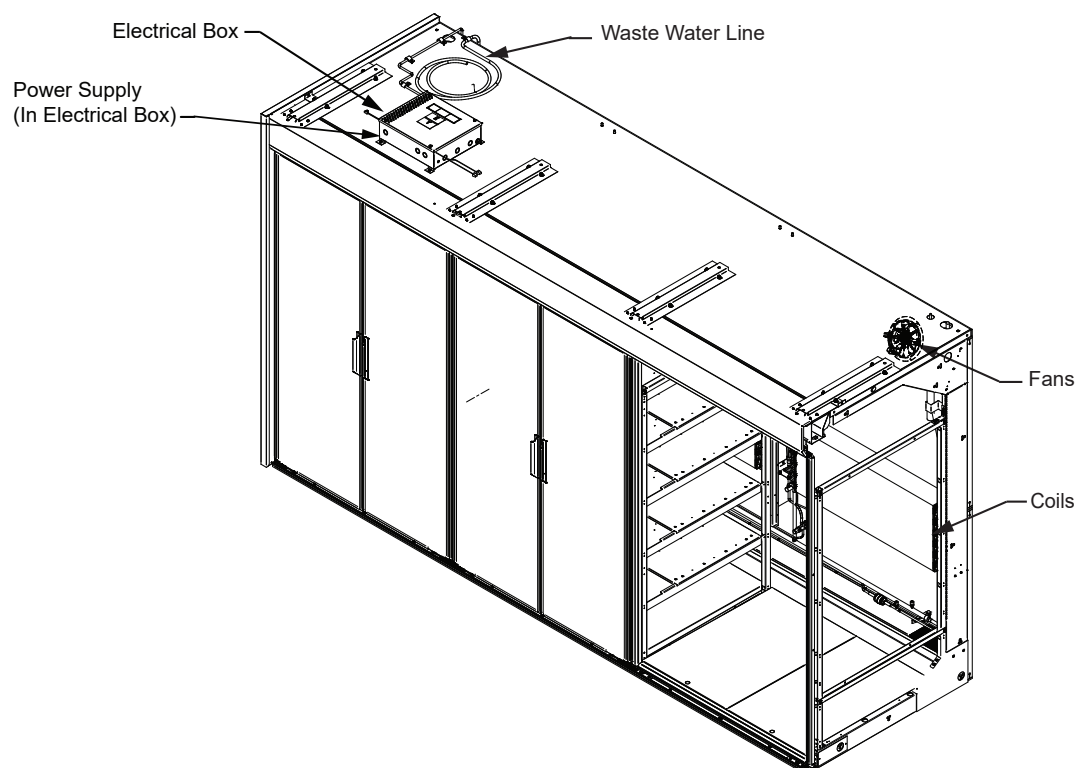


*Standard electrical connections
are at the top of the merchandiser*



DOE 2017
Energy Efficiency
Compliant



Portion of parts removed for clarity.

54 tote merchandiser shown above.

NSF/ANSI

This merchandiser model is manufactured to meet NSF/ANSI Standard #7 requirements for construction, materials, and cleanability.

Performance Data	Page 2	Estimated Shipping Weights	Page 5
Product Data (AHRI Statistics)	Page 2	Wiring Diagrams	Page 6
Cross Section	Page 3	QR Code for Parts and Product Information	Page 7
Plan View	Page 4	Revision History	Page 7
Electrical Loads	Page 5		

Data sheet-EGP-MT

We reserve the right to change or revise specifications and product design in connection with any feature of our products. Such changes do not entitle the buyer to corresponding changes, improvements, additions or replacements for equipment previously sold or shipped.

EGP-MT

Refrigerated Grocery

Refrigeration Data

EGP-MT		Optimal Shelf Life		Energy Comparison
Application		NSF Type 1 Ambient ²	NSF Type 2 Ambient ³	AHRI 1200 Rating Point ⁴
Case Model		EGP54MT	EGP54MT	EGP54MT
Lit or Unlit Canopy	Discharge Air °F (°C)	32 (0)	32 (0)	35 (1.7)
	Average Evaporator °F (°C) ¹	27 (-2.8)	26 (-3.3)	30 (-1.1)
	Parallel Btu/hr/case (Watts/case)	4015 (1177)	4565 (1338)	3685 (1080)
	Conventional Btu/hr/case (Watts/case)	4380 (1284)	4980 (1459)	4020 (1178)
Fans	Quantity (7" Diameter)	6	6	6
	Speed (RPM)	1800	1800	1800

Notes:

1. Average evaporator temperature shown. Adjust to dew point for high glide refrigerants for unit sizing. Care should be taken to use the dew point in PT tables for measuring and adjusting superheat.
2. All data based on store temperature and humidity that does not exceed NSF Type 1 ambient conditions of 75°F and 55% relative humidity, except where noted.
3. Data for operation in NSF Type 2 ambient of 80°F and 55% relative humidity.
4. AHRI 1200 Rating Point for energy consumption comparison only.

Defrost Data

Frequency (hours between defrost) 12

OFFTIME

Time (minutes) 60

ELECTRIC OR GAS Not Available

Defrost Water ⁵ 1 lb/ft/day
(1.5 kg/m)

⁵ (± 15% based on case configuration and product loading).

Conventional Controls

Low Pressure Backup Control CI/CO ⁶

26°F/16°F
-3.3°C/-8.9°C

Indoor Unit Only, Pressure Defrost Termination ⁶

48°F (8.9°C)

⁶ Use a Temperature Pressure Chart to determine PSIG conversions.

Estimated Charge ⁷

EGP54MT 3.1 lb 48.6 oz 1.4 kg

⁷ This is an average for all refrigerant types. Actual refrigerant charge may vary by approximately one half pound.

Product Data

Gross Refrigerated Volume ⁸ (Cu Ft)
AHRI Total Display Area ⁹ (Sq Ft)

EGP54MT
180.8 ft³ (5.1 m³)
75 ft² (7.0 m²)

⁸ AHRI Gross Refrigerated Volume: Refrigerated Volume/Unit of Length, ft³/ft [m³/m]

⁹ Computed using AHRI 1200 standard methodology: Total Display Area, ft² [m²]/Unit of Length, ft [m]



Husmann refrigerated merchandisers configured for sale for use in the United States meet or surpass the requirements of the DOE 2017 energy efficiency standards.

Dimensions shown as in. and (mm).

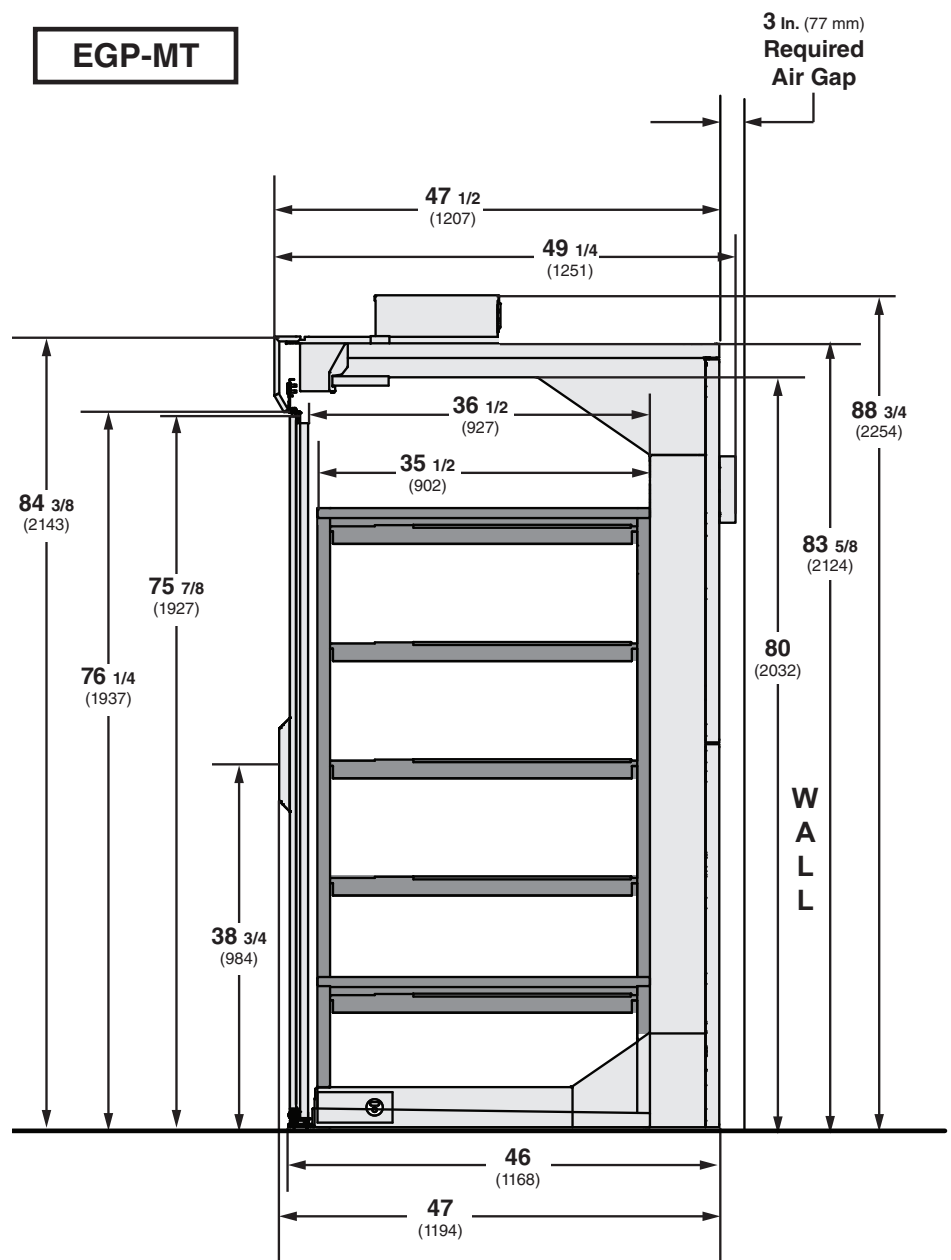
3-in. between back to back cases.

DOOR DETAILS

Allow 23 ⁵/₈-in for door swing.

Door height is 74 ¹/₄-in.

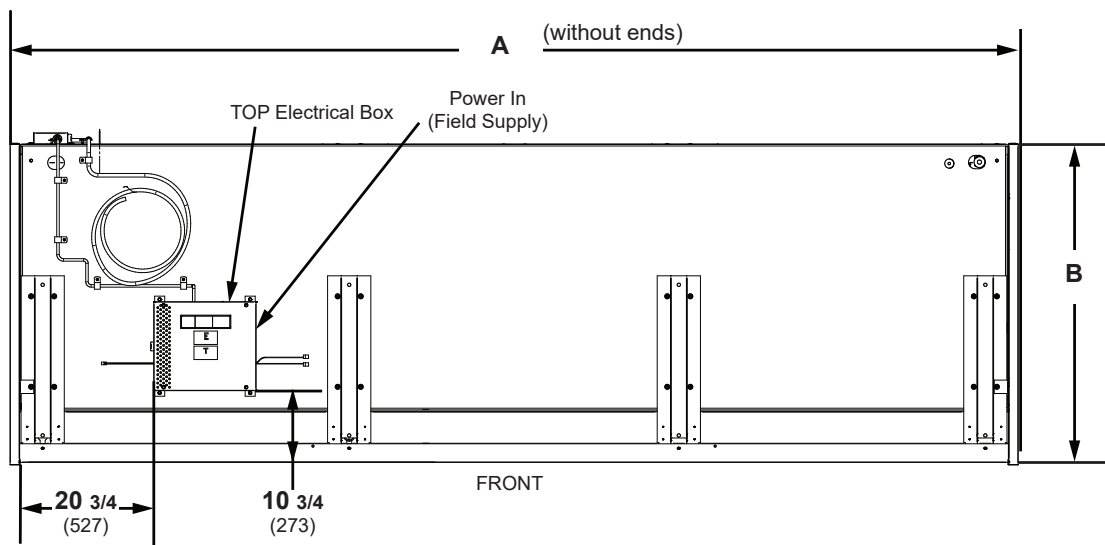
Door clearance from the back of the case to the open front edge of the door is 69 ⁵/₈-in.



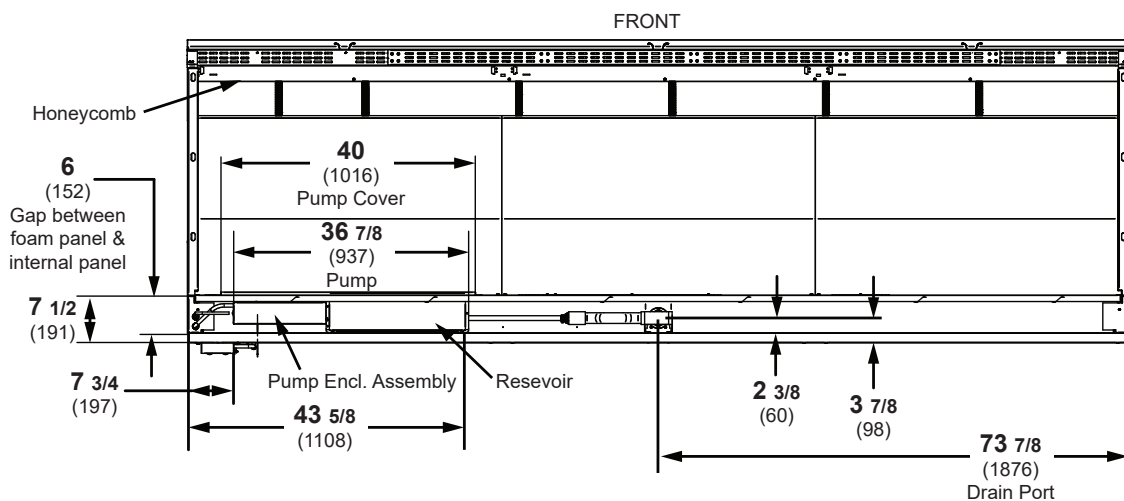
(54 Tote Model shown below)

Dimensions shown as in. and (mm).

TOP VIEW



BOTTOM VIEW



54 Tote

General

- (A) Case Length (without ends or partitions) (Each end and insulated partition adds 1 ¹/₂ in. (38 mm) to case line up.)
- (B) Maximum O/S dimension of case back to front

147 ³/₄ (3753)

47 ¹/₂ (1207)

Electrical Data

Number of Fans

7-in.

54 Tote

6

Amperes

Watts

Evaporator Fan

120V 60Hz Energy Efficient

54 Tote

0.96

54 Tote

75

Condensate Pump

120V 60Hz Energy Efficient

1.9

Merchandiser Circuit Requirements (120V, 1 Ph, 60 Hz)

MCA (Minimum Circuit Ampacity)

3.06

MOPD (Maximum Over Current Protection)

20

ENDS or PARTITIONS

Each standard end and each insulated partition adds 1 1/2 in. (38 mm) to case line up. Optional view end with end bumper adds 3 3/4 in. (95 mm).

PHYSICAL DATA

Merchandiser Drip Pipe (in.) 1 1/4
Schedule 40 PVC

ESTIMATED SHIPPING WEIGHT †

Case

lb (kg)

54 Tote

900 (409)

End (Each)

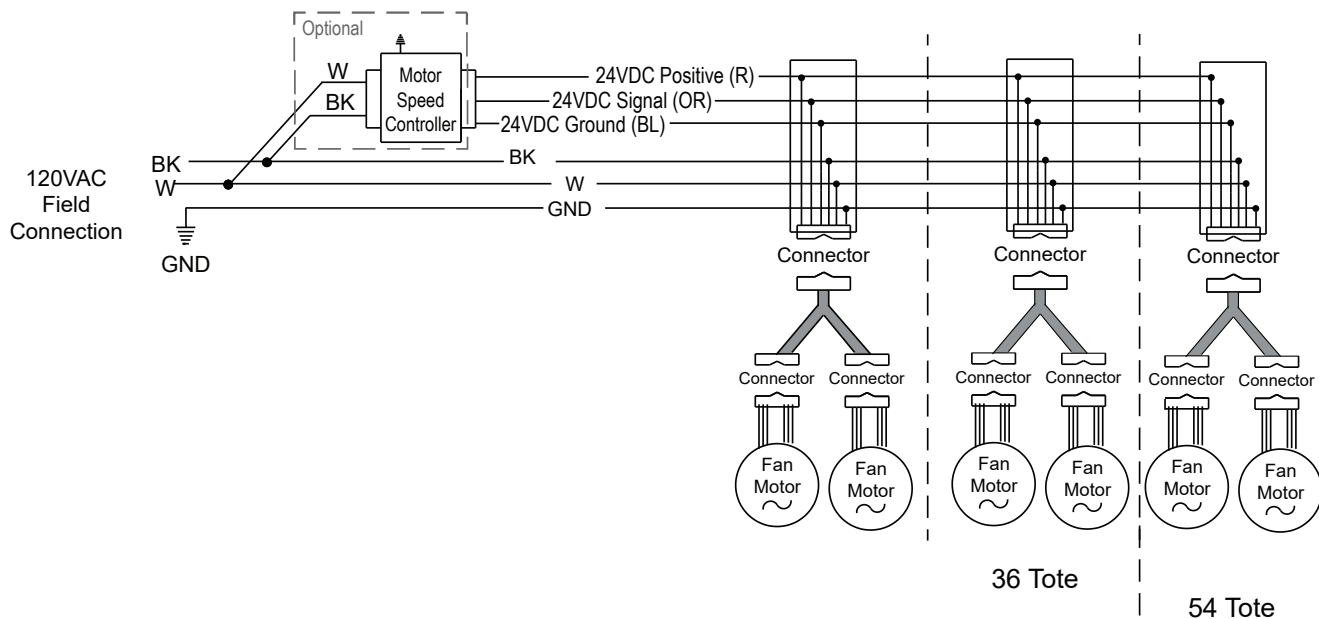
100 (45)

† Actual weights will vary according to optional kits included. Estimated weight does NOT include shelving.

EGP-MT

Refrigerated Grocery

Fan Wiring Offtime Defrost Wiring Diagram

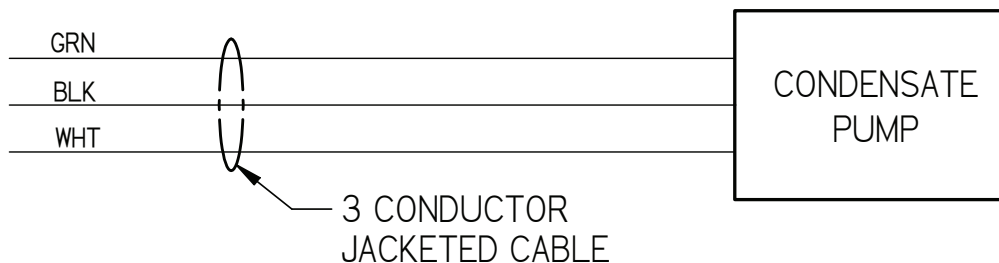


WARNING

All components must have mechanical ground, and the merchandiser must be grounded.

R = Red Y = Yellow G = Green BL = Blue BK = Black W = White
 ● = 120V POWER ○ = 120V NEUTRAL ⚡ = FIELD GROUND = CASE GROUND

Condensate Pump Wiring Diagram





Scan the QR code with your mobile device to access additional product information or order parts.

Parts may also be ordered at:

parts.husmann.com

Call toll free: 1.855.487.7778

Revision History

Revision A: April 2021: Original Issue

Revision B: April 2021: Updated the cross section.

Revision C: May 2021: Added 36 tote data.

Revision D: February 2022: Removed 36 tote data.