

# HUSSMANN®



# ISMGG2DAA

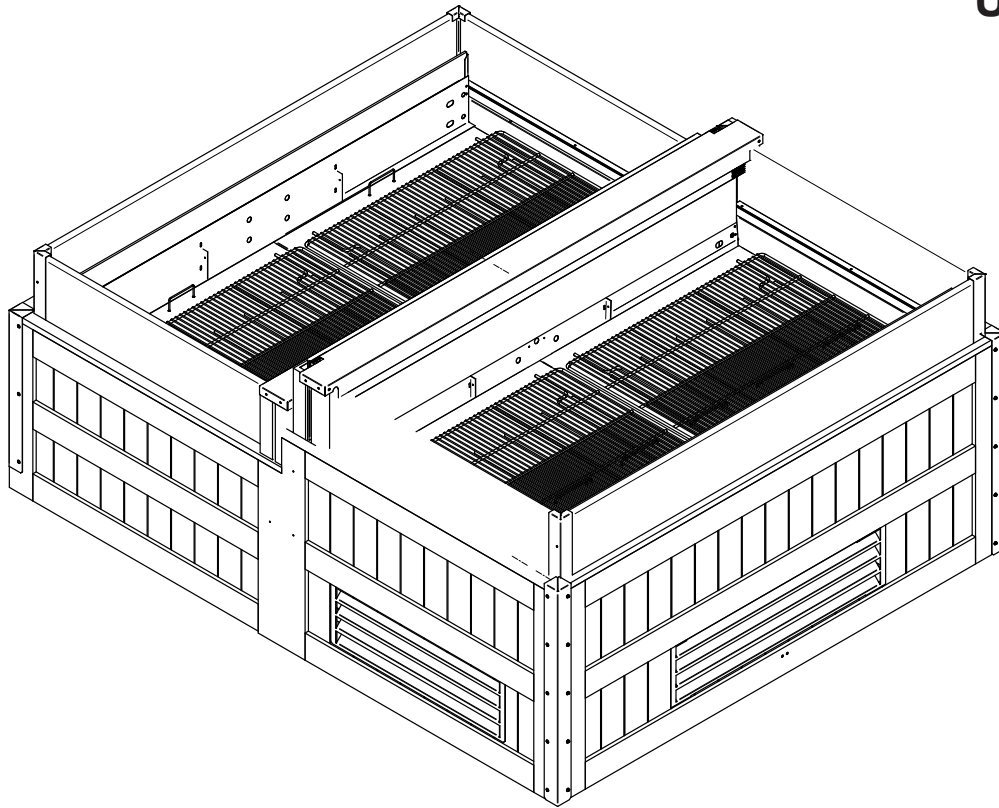
Meat / Produce  
Air-Cooled  
R-290

Merchandise Data Sheet

**P/N 3117321\_G**

**UL EPH® Certified**

January 2024



This case is intended for NSF Type I ambient applications (75°F / 55% RH).

**UL EPH Certification**  
This merchandiser model is manufactured to meet ANSI/SCC Standards 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-ISMGG2DAA

**⚠ WARNING**  
Component parts shall be replaced with like components, and servicing shall be done by factory authorized service personnel only, so as to minimize the risk of possible ignition due to incorrect parts or improper service.

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.

# ISMGG2DAA

Meat / Produce

This case uses 2 condensing units.

## Refrigeration Data <sup>1,4</sup>

		Meat / Produce
		ISMGG2DAA
Refrigeration	Discharge Air °F (°C)	28 to 32 (-2.2 to 0)
	Average Evaporator °F (°C)	8 to 15 (-13 to -9.4)
	Total Heat of Rejection <sup>2</sup>	5122
Condensing Unit	Capacity <sup>3</sup>	3744
	Nominal HP	1/2
Evaporator Fan Speed	6.75" Fan Assembly	1550

Notes:

1. 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.
2. Total Heat of Rejection listed for maximum design conditions, normal operating loads may be lower.
3. Condensing Unit Capacity is calculated at an evaporator temperature of 14°F and a condensing temperature of 95°F.
4. All product must be pre-chilled prior to loading.

## Defrost Data

<b>Frequency</b> (hours between defrost)	4
<b>Defrost Type</b>	Offtime
<b>Defrost Termination</b> (Temperature °F)	44
<b>Time (minutes)</b>	50
<b>ELECTRIC OR GAS</b>	Not Available

## Energy Consumption Data <sup>5</sup>

	<b>DEC (kWH/day)</b>
<b>ISMGG2DAA</b>	19.0

<sup>5</sup> Energy values obtained under AHRI 1200.

## Refrigerant Data

<b>Refrigerant Type</b>	R-290		
<b>Charge</b> <sup>6</sup>	.661 lb	10.58 oz	300 g <sup>7</sup>

<sup>6</sup> Maximum charge per condensing unit = 150 g.

<sup>7</sup> Refrigerant charge for two circuits.

## Product Data <sup>8</sup>

	ISMGG2DAA
Total Display Area (ft <sup>2</sup> )	35.5
Total Display Area (ft <sup>2</sup> /ft)	6.9
Shelf Area (in <sup>2</sup> )	2046
Shelf Area (ft <sup>2</sup> )	14.21
Shelf Area (ft <sup>2</sup> /ft)	2.7
AHRI Gross Refrigerated Volume (ft <sup>3</sup> /ft)	2.3
AHRI Gross Refrigerated Volume (m <sup>3</sup> /m)	6.9
Total Display Area (m <sup>2</sup> /m)	1.31
Shelf Area (m <sup>2</sup> /m)	0.83

<sup>8</sup> Computed using AHRI 1200 standard methodology.

Self-Contained Two-Tiered Medium Temperature Merchandiser, Air-Cooled, Self-Contained R-290

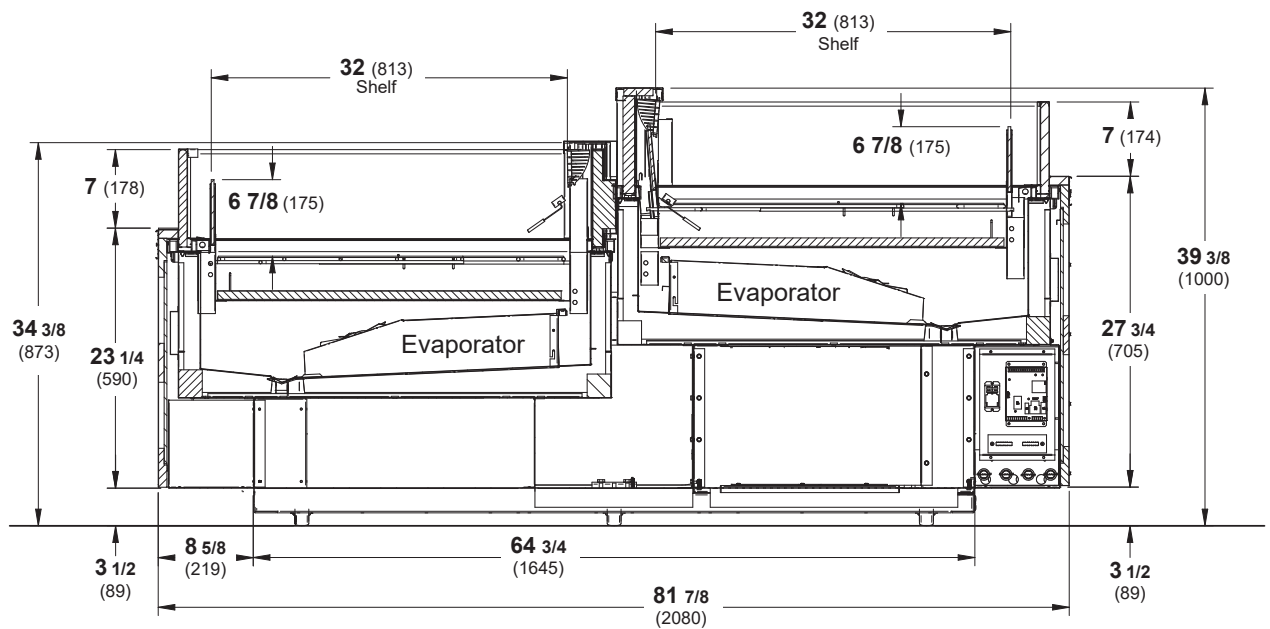
**ISMGG2DAA**  
Meat / Produce

**DOE 2017**  
Energy Efficiency  
Compliant

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

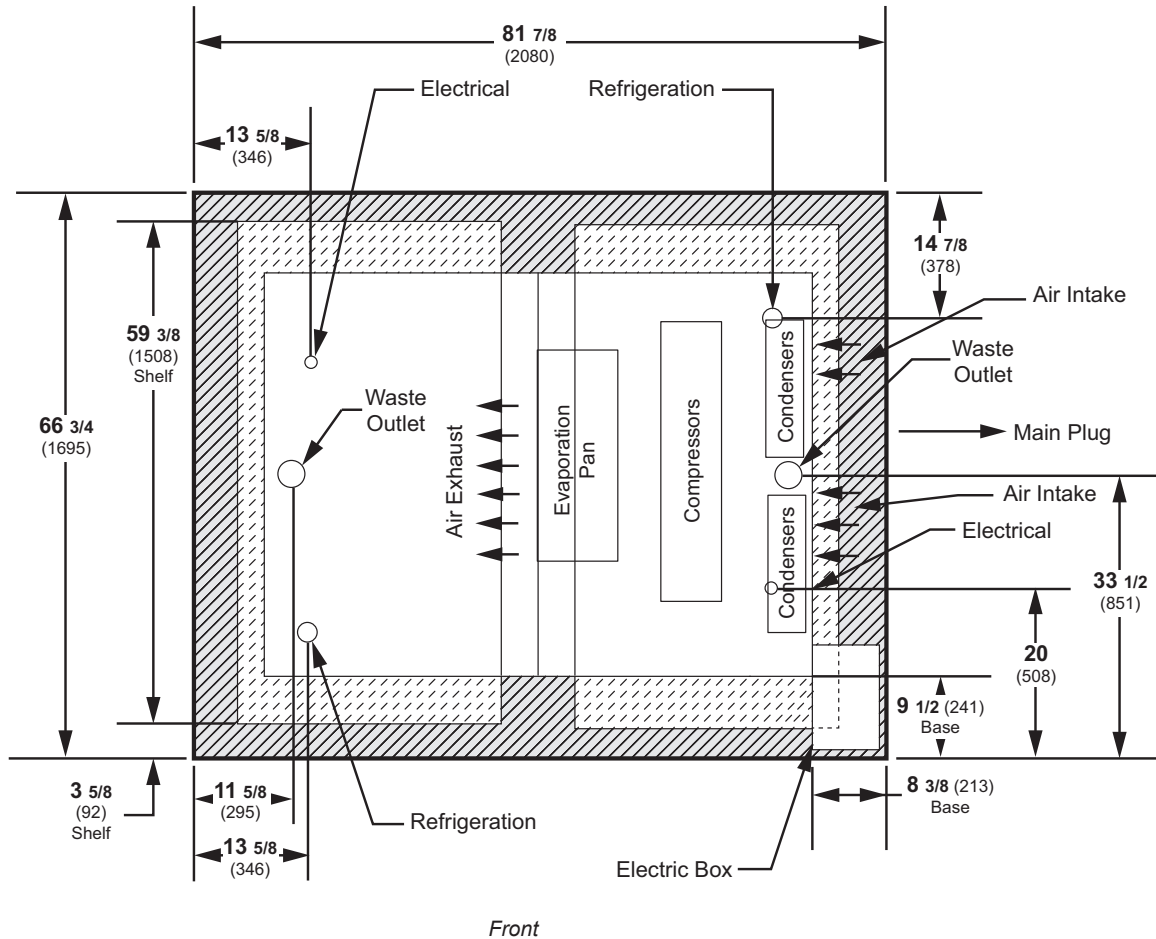
**ISMGG2DAA**

Dimensions shown as in. and (mm).



Dimensions shown as in. and (mm).

Usable power cord length is 90 in. (2286 mm).



General	ISMGG2DAA
(A) Case Length (includes one pair ends) Maximum O/S dimension of case back to front	81 7/8 (2080) 66 3/4 (1695)
(B) Interior case length	59 3/8 (1508)
(C) LH End of case to the center of waste outlet	11 5/8 (295)

## Electrical Data

**NOTE:** These values below are rated values for individual components and should not be added together to determine total merchandiser electrical load.

<b>Number of Evaporator Fans</b>	<b>ISMGG2DAA</b>
6.75-in.	2

<b>Evaporator Fans</b>	<b>Amperes</b>	<b>Watts</b>
115V 60Hz Energy Efficient	0.2	10

\* Amperes/watts are at max values

### Merchandiser Requirements

Power Supply 115V / 1ph / 60Hz	
Compressor RLA <sup>1</sup>	3.6
Compressor LRA <sup>1</sup>	26.5
Case Run Amps <sup>2</sup>	10.0
Condensate Drain Pan Heater Amps <sup>3</sup>	2.9
Minimum Circuit Amps (MCA)	11.2
Maximum Over Current Protection (MOCP)	15

<sup>1</sup> The RLA and LRA values are for each compressor. This system has 2 compressors.

<sup>2</sup> The Case Run Amps were measured during refrigeration mode period.

<sup>3</sup> This heater operates with pulses, based on the controller program. The amperage may vary from 0 to 2.9 amps max.

### NEMA Plug

5-15P



### ESTIMATED SHIPPING WEIGHT †

<b>Case</b>	<b>ISMGG2DAA</b>	<b>Solid End (each)</b>
<b>lb (kg)</b>	1168 (531)	Included

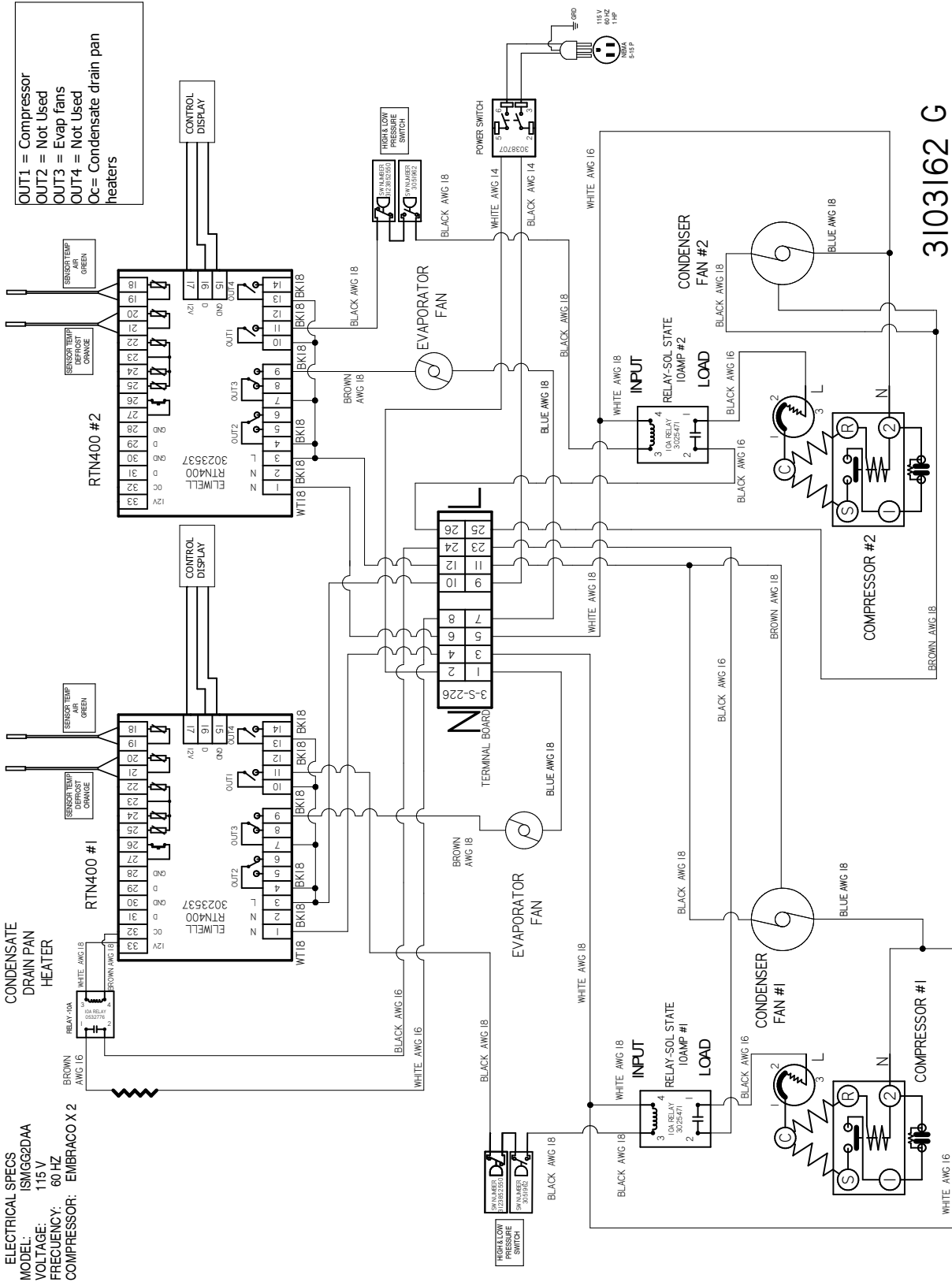
† Actual weights will vary according to optional kits included.

# ISMGG2DAA

Meat / Produce

# Wiring Diagram

## 5 Foot





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: March 2020: Original Issue

Revision B: April 2020: Updated Total Heat of Rejection on page 2 and cross section.

Revision C: September 2021: Updated wiring diagram.

Revision D: October 2022: Updated drawings and wiring diagram.

Revision E: August 2023: Updated wiring diagram.

Revision F: September 2023: Updated electrical data and wiring diagram.

Revision G: January 2024: Updated electrical data and wiring diagram.