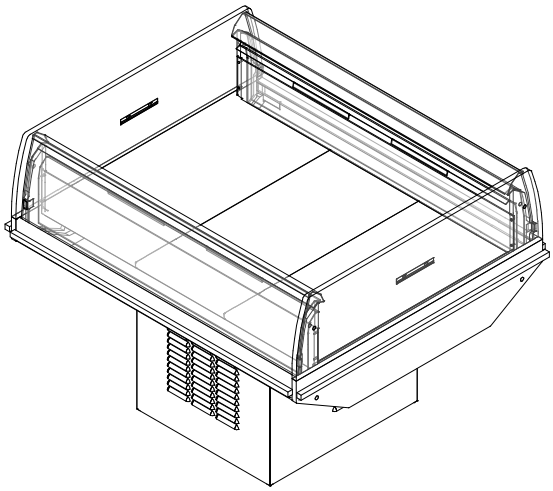
MIDA-4

Mobile Single-Deck Self-Contained Merchandiser
4'X4'

R-290 ECO FRIENDLY

GENERAL NOTES:

- "---" indicates that the feature is not an option on this case model and/or the data is not yet available.
- WARNING: R-290 flammable refrigerant in use. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment.



SHIPPING WEIGHT	
Case Length	Weight (lbs)
4' x 4'	336

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05-19-26	6	DATA UPDATE
04-15-25	5	FORMAT UPDATE

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SYSTEM REQUIREMENTS

Case Size	Volts	Phase	Electrical Circuits Per Case	Total Amps	MCA	MOP
4' x 4'	120	1	1	8.6	10.96	15A

ELECTRICAL DATA

Case Size	Fans Per Case	High Efficiency Fans 120 Volts		Anti-Condensate Heat 120 Volts	
		Amps	Watts	Amps	Watts
4' x 4'	2	0.05	7.0	1.03	123.0

GUIDELINES AND CONTROL SETTINGS

Case Size	Case Application	24hr Energy Usage (kWh)	Set Point St (°F)	Hysteresis rd (°F)	Discharge Air (°F)	Discharge Air Velocity (FPM)
4' x 4' (Serial # "C")	Bulk Fruit/Produce	12.60	26	19	34	120
4' x 4' (Serial # "D")	Bulk Fruit/Produce	12.52	26	19	34	120
4' x 4' (Serial # "C")	Dairy	13.36	11	14	10	120
4' x 4' (Serial # "D")	Dairy	13.84	17	18	18	120
4' x 4' (Serial # "C")	Deli	14.42	10	14	11	120
4' x 4' (Serial # "D")	Deli	14.29	17	16	18	120
4' x 4' (Serial # "C")	Fresh Meat	14.61	6	2	7	120
4' x 4' (Serial # "D")	Fresh Meat	14.79	8	4	9	120

CONDENSING UNIT DATA

Case Size	Volts	Phase	RLA (amps)	LRA (amps)	Refrigerant	Refrigerant Charge (lbs)
4' x 4'	120	1	10	44	R290	0.24

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DEFROST CONTROLS							
Case Application	Case Size	Defrosts per Day	Frequency dI (hr)	Run Off Time (Min)	Drip Time dd (min)	Timed Off Defrost (Min)	Timed Off Defrost Termination Temp (°F)
Bulk Fruit/Produce	4' x 4' (Serial # "C")	4	6	0	0	32	68
Bulk Fruit/Produce	4' x 4' (Serial # "D")	4	6	2	0	60	40
Dairy	4' x 4' (Serial # "C")	4	6	0	0	32	68
Dairy	4' x 4' (Serial # "D")	4	6	2	0	60	40
Deli	4' x 4' (Serial # "C")	4	6	0	0	32	68
Deli	4' x 4' (Serial # "D")	4	6	2	0	60	40
Fresh Meat	4' x 4' (Serial # "C")	4	6	0	0	32	68
Fresh Meat	4' x 4' (Serial # "D")	4	6	2	0	60	40

NOTES:

- "---" indicates that the feature is not an option on this case model and/or the data is not yet available.
- Notes added are specific to case as pertains to data.
- Discharge air temperature values represent readings taken within the upper air channel immediately behind/upstream of the honeycomb.
- Listed discharge air velocity represents the average velocity immediately after defrost completion using a Testo 410i vane anemometer with anemometer air scoop (HP part number P109185M) positioned adjacent to the interior edge of the discharge honeycomb.
- The recommended evaporator temperature and defrost settings may need to be adjusted based on system setup, store conditions, etc. The minimum recommended evaporator temperature is 4°F below the listed evaporator temperature.
- For optimal defrost performance, it is recommended to close both the liquid line and suction line during defrost. Published defrost data are based upon this configuration. Parameter changes may be required if alternative control methods are used.

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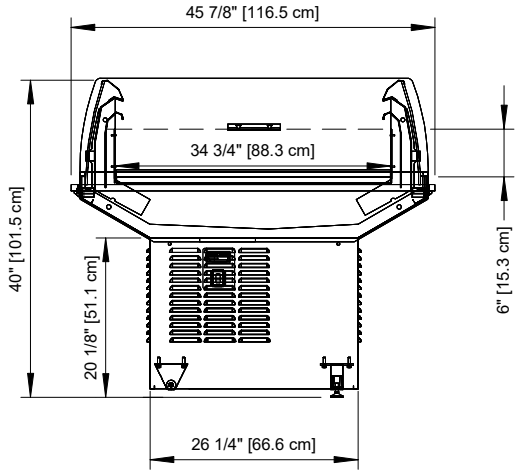

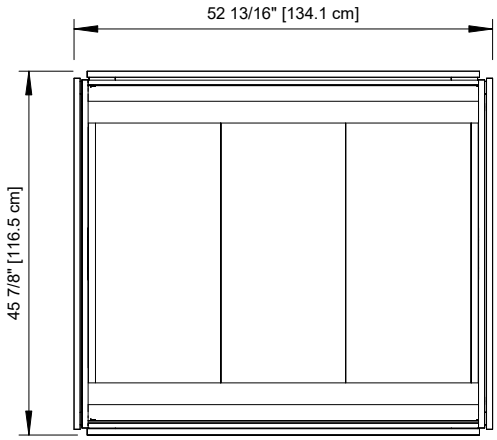

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