Infrico Supermarket

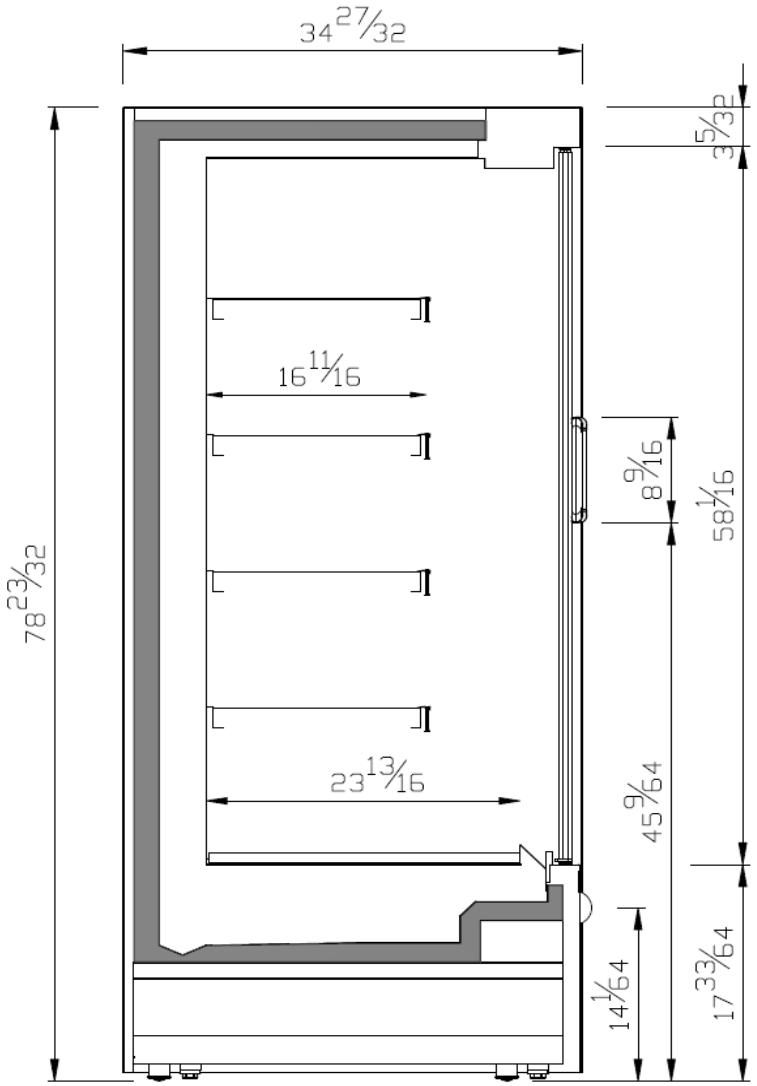
Data Sheet

USA

Model:

MLDCP-MLDCPC-MLDCPI SERIES

SELF CONTAINED GLASS DOOR


34 27/32
3 5/32
16 11/16
8 9/16
58 1/16
78 23/32
23 13/16
45 9/64
14 1/64
17 33/64

ESTANDAR FEATURES

EXTERIOR

- Epoxy painted steel sheet
- Double panel glass sides
- Adjustable feet.
- Enamelled steel base.
- Modulaire line design.
- Full size double panel glass doors that prevent heat transmission

ELECTRICAL AND ELECTRONIC CONTROLLERS

- Remote alarm signals.
- Encapsulated and sealed NTC temperature probes.
- Effective way to visualize temperature
- Cord and NEMA 5-20P plug. Electrical connections is 115V/ 1ph/ 60 Hz

INTERIOR

- AISI 304 Stainless Steel.
- Stainsless Steel internal panel perforated.
- Height and incline adjustable stainlees steel shelves
- Price channel on shelves and bottom display
- LED lighting in canopy and under each shelf.

REGRIGERATION

- Digital temperature controller with automatic defrost system.
- Forced air evaporator.
- Forced air circulation to desipate hot air.

INSULATION

- CFC-Free polyurethane insulation, entire cabinet structure is foamed-in place using a high density polyurethane
- Low GWP & Zero ODP effect.

RECOMMENDED OPERATING CONDITIONS

- Equipment has been designed to operate in an environment where temperature and humidity do not exceed 75°F (24°C) and 55% relative humidity.
- Unit should not be installed near HVAC vents, fans or doorways that will disrupt the air curtain and compromise the function of the cabinet.
- Unit should not be installed in direct sunlight.
- Model will run most efficiently when completely loaded with pre-chilled product.
- Condensing coils should be cleaned regularly to avoid equipment malfunction.
- Please be advised that this type of models are louder than standad refrigeration models.
- Unit cannot be encased in a way that woild block appropriate airflow and cause the recycling of hot air.
- A mimumum distance of 4-5 inches is required at the back and top of the unit, do nos flush the back of equipment directly to wall.
- Do not block any vents with product or any other item.
- Equipment must be loaded with pre-cooler product.
- Do not overload the shelves and/or block in a way that would prevent proper airflow.
- Maintain the acrylic ain diffuser at all times.

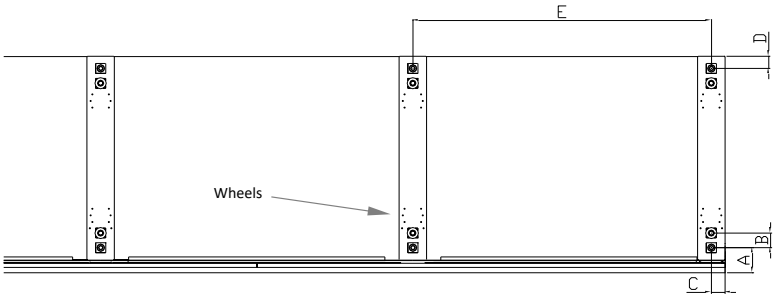
GENERAL DATA

	MODEL			
	ML09DCP+	ML12DCP+	ML18DCP+	ML25DCP+
	Medium Temperature			
LENGTH (in)	37	49 1/5	73 5/6	98 3/7
SIDE PANEL THICKNESS (in)	1 4/7			
TOTAL VOLUME (ft^3)	32 5/9	43	65	86 1/2
TDA - TOTAL DISPLAY AREA (Ft^2)	12 1/4	16 1/4	24 3/4	32 5/7
N° OF SHELVES	4			
UNIT WEIGHT (lb)	485	694 1/2	908 1/3	1069 1/4
CREATED DIMENSIONS (in)	40 1/2 x 38 x 85	52 3/4 x 38 x 85	77 1/3 x 38 x 85	102 x 38 x 85

INSTALLATION DETAILS

DATA TABLE

MODEL		ML09DCP+	ML12DCP+	ML18DCP+	ML25DCP+
A (in)		4	4	4	4
B (in)		2 1/3	2 1/3	2 1/3	2 1/3
C (in)		2 1/6	2 1/6	2 1/6	2 1/6
D (in)		2	2	2	2
E (in)		-	-	34 3/4	47



TECHNICAL CONFIGURATION

		MEDIUM TEMPERATURE [30°F/41°F]
INTERIOR TEMPERATURE	SET POINT	32°F
	DIFFERENTIAL	3
DEFROST TYPE		NATURAL
N° DEFROSTS / 24h		8
END OF DEFROSTING TEMPERATURE		-
MAXIMUM DEFROSTING TIME		15'

In compliance with UL471 and NSF7

Ambient Temp.	Humidity
+75 °F	55 %

EVAPORATION	COLD DISH
CONDENSATION	VENTILATED
EVAPORATION WATER COLLECTION	-

VOLTAGE	115V / 60 Hz
SOUND LEVEL	≤70 dB

INSTALLATION DATA

BASE EQUIPMENT			MODEL			
			ML09DCPM1+	ML12DCPM1+	ML18DCPM1+	ML25DCPM1+
COMPRESSOR		N°	1	1	1	1
		V/Hz	115V / 60Hz			
		Btu/h	3791	5889	5193	6906
		W	662	786	924	1297
		hp	1/2	3/4	3/4	1 1/4
		A	7,2	7,3	8,8	12,7
REFRIGERANT		Type	R-290			
		lb	0,14	0,21	0,31	0,33
COIL FANS		N°	2	2	3	4
		V/Hz	115V / 60Hz			
		W	4,1	4,1	4,1	4,1
		A	0,425	0,425	0,425	0,425
CONDESATOR FANS		N°	2	2	2	3
		V/Hz	115V / 60Hz			
		W	11	11	11	11
		A	0,425	0,425	0,425	0,425
EVAPORATION RESISTANCE		V/Hz	115	115	115	115
		W	450	450	450	450
		A	3,91	3,91	3,91	3,91
CANOPY LIGHTING LED		W	17	23	34	45
		A	0,15	0,20	0,29	0,39
OPTIONAL SHELF LIGHTING LED		W	36	48	72	96
		A	0,31	0,42	0,63	0,83
TOTAL AMPERES	115V	A	12,93	13,13	15,17	20,03
MCA		A	16,2	16,4	19,0	25,0
MOP		A	22,2	22,7	26,8	36,7
TOTAL ENERGY		kWh/24h	11,91	14,09	16,67	23,38
ENERGY (With evaporation resistance)		kWh/24h	17,31	19,49	22,07	28,78