Self-Service Open Multi-Deck Octagonal Island Merchandiser

DI-MD-1 SELF-CONTAINED - 404, 505, & 606

System Requirements

Model		Volts	Phase	Total Amps	Minimum Circuit Ampacity	Maximum Overcurrent Protection
DI-MD-1	404	120-1-60	1	22.22	27.775	49.995
	505	120/208-1-60	1	13.77	17.2125	30.9825
	606	120/208-1-60	1	13.77	17.2125	30.9825

Electrical Data

					ficiency ns		ndensate ans	1	ain nps	Evaporator		r	Auxilia	ry Fans
L			Fans per	120	Volts	120	Volts	120	Volts		Pan Heaters		120 Volts	
ı	Model		Case	Amps	Watts	Amps	Watts	Amps	Watts	Volts	Amps	Watts	Amps	Watts
	DI-MD-1	404	2	0.6	72	1				120	8.3	996		
н		505	2	0.6	72					208	4.8	998.4		
L		606	2	0.6	72					208	4.8	998.4		

Lighting Data

						Fluorescent		Fluore	escent	Cle		LED Light ht Row)	ing
	per per Length Length	Light	_ (Lighting (Shelf)		Standard Power (Cornice)		Standard Power (Shelf)				
		(Cornice) (Shelf)	120	Volts	120	Volts	120	Volts	120	Volts			
Model		(Cornice)	(Shelf)	(in)	(in)	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
DI-MD-1	404	8	4	10"	10"	0.88	105.6	0.44	52.8	0.2	24	0.1	12
	505	8	4	10"	10"	0.88	105.6	0.44	52.8	0.2	24	0.1	12
	606	8	4	10"	10"	0.88	105.6	0.44	52.8	0.2	24	0.1	12

Lighting Data (Continued)

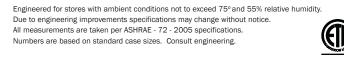
						Cle	•	LED Lighting ght Row)		
	Lights	0	Lights	Light	Light	High Power (Cornice)		High Power (Shelf)		
		per Row	per Row	Length (Cornice)	Length (Shelf)	120	Volts	120	Volts	
Model		(Cornice)	(Shelf)	(in)	(in)	Amps	Watts	Amps	Watts	
DI-MD-1	404	8	4	10"	10"	0.2	24	0.1	12	
	505	8	4	10"	10"	0.2	24	0.1	12	
	606	8	4	10"	10"	0.2	24	0.1	12	

Guidelines & Control Settings

Model		24hr Energy Usage (kWh/ft)	Suction Pressure @ Case Outlet (psig)	Superheat Set Point @ Bulb (°F)	Discharge Air (°F)	Discharge Air ² Velocity (FPM)
DI-MD-1	404	30.92	15	10	28	200
1	505	31.37	15	10	28	200
	606	31.37	15	10	28	200









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Condensing Unit Data

					RLA ³	LRA ⁴		Condenser Fans		l bo of	
Model		Volts	Phase	HP	(amps)	(amps)	Refrig.	Amps	Watts	Lbs. of Refrig.	
DI-MD-1	404	120	1	0.75	10.3	60	404a	1.7	204	2.00	
	505	208	1	1	6.2	40	404a	0.85	176.8	2.00	
	606	208	1	1.5	6.2	40	404a	0.85	176.8	2.00	

Defrost Controls

			Electric Defrost		Timed-0	Off Defrost	Hot Gas Defrost		
Model	Defrosts per Day	Run-Off Time (min)	Fail-Safe (min)	Termination Temp (°F)	Fail-Safe (min)	Termination Temp (°F)	Fail-Safe (min)	Termination Temp (°F)	
DI-MD-1	6				20				

- 1 NOTE: "- -" indicates data not applicable.
- 2 Average discharge air velocity at peak of defrost.
- 3 RLA Running Load Amps
- 4 LRA Locked Rotor Amps











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