

# 04IDB

## Wide Multi-Deck Island Merchandiser 6', 8' & 12' (Deli / Meat) Single Wrap-Around End

### ELECTRICAL DATA

Case Length	Fans Per Case	High Efficiency Fans		Anti-Condensate Heaters		Defrost Heaters			
		120 Volts		120 Volts		208 Volts		240 Volts	
		Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
6'	4	0.47	28.0	0.63	76.0	5.77	1200	6.66	1596
8'	6	0.70	42.0	0.88	106.0	7.70	1600	8.88	2130
12'	8	0.94	56.0	1.24	149.0	11.54	2400	13.32	3200

### LIGHTING DATA

Case End	Shelf Depth	Lights Per Row	Light Length	Clearvoyant LED Lighting • (Per Light Row)			
				Standard Power (Cornice or Shelf)		High Power (Cornice)	
				120 Volts		120 Volts	
				Amps	Watts	Amps	Watts
6' Single Butt	Top Sill	3	1 (2ft), 2 (4ft)	0.25	29.8	0.45	53.7
6' Single Butt	8"	3	1 (0.5ft), 2 (3ft)	0.16	18.7	0.27	32.5
6' Single Butt	10", 12", 14", 16"	3	1 (1ft), 2 (3ft)	0.16	19.6	0.29	35.2
8' Single Butt	Top Sill	5	1 (2ft), 4 (3ft)	0.33	39.2	0.59	70.3
8' Single Butt	8"	3	1 (0.5ft), 2 (5ft)	0.26	30.7	0.46	55.3
8' Single Butt	10", 12", 14", 16"	3	1 (1ft), 2 (5ft)	0.26	31.6	0.48	58.0
12' Single Butt	Top Sill	7	1 (2ft), 6 (3ft)	0.47	55.8	0.83	100.1
12' Single Butt	8"	5	1 (0.5ft), 2 (4ft), 2 (5ft)	0.45	54.5	0.82	98.3
12' Single Butt	10", 12", 14", 16"	5	1 (1ft), 2 (4ft), 2 (5ft)	0.46	55.4	0.84	101.0

### GUIDELINES and CONTROL SETTINGS

Application	BTUH/ft		Superheat Set Point @ Bulb (°F)	Evaporator (°F)	Discharge Air (°F)	Discharge Air Velocity • (FPM)
	Conventional	Parallel				
Meat	2024	1827	6 - 8	17	25	130
Deli	1882	1699	6 - 8	22	28	130

### DEFROST CONTROLS

Defrosts Per Day	Run-Off Time (Min)	Electric Defrost		Timed-Off Defrost •		Hot Gas Defrost	
		Fail-Safe (Min)	Termination Temp (°F)	Fail-Safe (Min)	Termination Temp (°F)	Fail-Safe (Min)	Termination Temp (°F)
4	6 - 8	30	47	45	45	26	45

**Hillphoenix**

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All measurements are taken per ASHRAE - 72 - 2005 specifications. Hillphoenix refrigerated display cases for sale in the United States meet or exceed Department of Energy 2012 energy efficiency requirements.

Defrost Schedule	
Defrosts per Day	Time
1	12 midnight
2	12am - 12pm
3	6am - 2pm - 10pm
4	12am-6am-12pm-6pm
6	12am-4am-8am-12pm-4pm-8pm

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**NOTES:**

- Listed LED lighting values represent a full row of shelves (including wrap-around ends).
- BTUH/ft notes:
  - Listed BTUH/ft data represent unlighted shelves. For LED lighting, add 9 BTUH/ft per row of lighted shelving. For T8 lighted shelves, see Hillphoenix Bluebook Appendix D for BTUH, amp and watt data.
  - Load data represents the sum of both coils.
- Listed discharge air velocity represents the average velocity at the peak of defrost.
- Temperature and defrost settings listed above are recommended start-up settings. Final operational settings may need to be adjusted for the store conditions in which the case operates.
- The recommended evaporator temperatures 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.



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