

Self-Service Open Multi-Deck Merchandiser w/ Service Dome (RRS Optional)

PTD-RGC REMOTE BASE & COOLGENIX™ DOME - 4', 6', 8', 10' & 12'

Electrical Data

Model		Fans per Case	High Efficiency Fans		Anti-Condensate Fans		Drain Heaters		Optional Defrost Heaters		RRS ²		
			120 Volts		120 Volts		120 Volts		208 Volts		Fans per Case	Unit Cooler Fans	
			Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts		120 Volts	
											Amps	Watts	
PTD-RGC (BASE)	4'	---	---	---	---	---	---	---	---	---	---	---	---
	6'	2	0.6	72	---	---	---	---	---	---	---	---	---
	8'	3	0.9	108	---	---	---	---	---	---	---	---	---
	10'	4	1.2	144	---	---	---	---	---	---	---	---	---
	12'	4	1.2	144	---	---	---	---	---	---	---	---	---

Lighting Data

Model		Lights per Row	Light Length (ft)	Clearvoyant 4 LED Lighting (Per Light Row)			
				Standard Power (Cornice or Shelf)		High Power (Cornice)	
				120 Volts		120 Volts	
				Amps	Watts	Amps	Watts
PTD-RGC (BASE)	4'	1	4	0.05	5.9	0.12	14.9
	6'	2	3	0.08	9.4	0.20	23.8
	8'	2	4	0.10	11.8	0.24	29.8
	10'	2	5	0.12	15.0	0.30	37.0
	12'	3	4	0.15	17.7	0.36	44.7

Guidelines & Control Settings (DX)

Model		Conventional ³ BTUH/ft	Parallel ⁴ BTUH/ft	Superheat Set Point @ Bulb (°F)	Evaporator (°F)	Discharge Air (°F)	Discharge Air ⁵ Velocity (FPM)
PTD-RGC (BASE)	DX	485	445	6-8	26	29	250
	RRS	109	100	10	26	29	200

Defrost Controls

Model		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)
PTD-RGC (BASE)	DX	4	---	---	---	65/ ⁶ 36	42	---	---
	RRS	4	---	---	---	65/ ⁷ 36	42	---	---

1 NOTE: " - - " indicates data not applicable.

2 RRS - Refrigerated Rear Storage.

3,4 Listed BTUH indicates unlighted shelves. Add the following for lighted shelves:

4' Shelf LED: 36 BTUH

4' Canopy LED: 72 BTUH

3' Shelf LED: 27 BTUH

3' Hi-Output LED: 54 BTUH

5 Average discharge air velocity at peak of defrost.

6,7 Time-off duration for defrost with no termination control.

Engineered for stores with ambient conditions not to exceed 75° and 55% relative humidity.

Due to engineering improvements specifications may change without notice.

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 2017 efficiency requirements.

Numbers are based on standard case sizes. Consult engineering.



Electrical Data

Model		Fans per Case	High Efficiency Fans		Anti-Condensate Fans		Drain Heaters		Optional Defrost Heaters	
			120 Volts		120 Volts		120 Volts		208 Volts	
			Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
PTD-RGC (DOME)	4'	--- ¹	---	---	---	---	---	---	---	---
	6'	---	---	---	---	---	---	---	---	---
	8'	---	---	---	---	---	---	---	---	---
	10'	---	---	---	---	---	---	---	---	---
	12'	---	---	---	---	---	---	---	---	---

Lighting Data

Model		Lights per Row	Light Length (ft)	Clearvoyant 4 LED Lighting (Per Light Row)			
				Standard Power (Cornice or Shelf)		High Power (Cornice)	
				120 Volts		120 Volts	
				Amps	Watts	Amps	Watts
PTD-RGC (DOME)	4'	1	4	0.05	5.9	0.12	14.9
	6'	2	3	0.08	9.4	0.20	23.8
	8'	2	4	0.10	11.8	0.24	29.8
	10'	3	3	0.12	14.1	0.30	35.7
	12'	3	4	0.15	17.7	0.36	44.7

Guidelines & Control Settings (Remote Secondary/Semi-Self Contained²)

Model	Conventional BTUH/ft	Parallel BTUH/ft	Glycol Supply Temp. (°F)	DX SST Chiller Temp. (°F)	Glycol Flow Rate GPM/ft	Glycol Charge GAL/ft	Glycol Max. Working Pressure (PSIG)	Max. Static Pressure (PSIG)
PTD-RGC (DOME)	250	240	26	20	0.25	0.20	50	---

Cut-In/Cut-Out

Model		Cut-In Temp (°F)	Cut-Out Temp (°F)
PTD-RGC (DOME)	Pans	33	29
	Top Coil	36	31

Defrost Controls

Model	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)
PTD-RGC (DOME)	1	5	---	---	60	45	---	---

- 1 NOTE: " - - " indicates data not applicable.
- 2 Semi Self-Contained is NOT available in a 4' case.
- * Listed data is based on the factory recommended default fresh meat temperature settings.
- * Shelves are not recommended for fresh meat applications.



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SERVICE/Self-SERVICE MULTI-DECK Beverage / Deli / Meat / Seafood

PTD-RGC (Remote Base/Coolgenix™ Dome)

