

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

## PTD REMOTE BASE & REMOTE DOME - 4', 6', 8', 10' & 12'

### Electrical Data (Dome)

Model		Fans per Case	Box Fans		High Efficiency Fans		Anti-Condensate Fans		Drain Heaters		Optional Defrost Heaters	
			120 Volts		120 Volts		120 Volts		120 Volts		208 Volts	
			Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
PTDR-R	4'	1	0.13	15.6	---	---	0.17	20.4	---	---	---	---
	6'	2	0.26	31.2	---	---	0.31	37.2	---	---	---	---
	8'	3	0.39	46.8	---	---	0.42	50.4	---	---	---	---
	10'	4	0.52	62.4	---	---	0.52	62.4	---	---	---	---
	12'	4	0.52	62.4	---	---	0.62	74.4	---	---	---	---

### Electrical Data (Base)

Model		Fans per Case	High Efficiency Fans		Anti-Condensate Fans		Drain Heaters		Optional Defrost Heaters		RRS <sup>2</sup>		
			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	
PTDR-R	4'	1	0.3	36	---	---	---	---	---	---	---	---	---
	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
PTDR-R	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 <sup>3</sup> BTUH/ft	Parallel <sup>4</sup> BTUH/ft	Superheat Set Point @ Bulb (°F)	Evaporator (°F)	Discharge Air (°F)	Discharge Air <sup>5</sup> Velocity (FPM)
PTDR-R	Dome	310	285	6-8	26	31	270
	Base	485	445	6-8	26	29	250
	RRS	109	100	10	26	29	200

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.



**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)
PTDR-R	Dome	4	---	---	---	65/ <sup>6</sup> 36	42	---	---
	Base	4	---	---	---	65/ <sup>7</sup> 36	42	---	---
	RRS	4	---	---	---	65/ <sup>8</sup> 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.
- 6,7,8 Time-off duration for defrost with no termination control.

**SERVICE/Self-SERVICE MULTI-DECK**

Bakery / Beverage / Deli / Meat / Seafood



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**PTD**  
**(Remote Base/Remote Dome)**

