

# ORZ-PV Reach-In Merchandiser w/PureView™ Doors

## 2, 3, 4, 5 & 6-door (Frozen Food / Ice Cream)

### Electrical Data

Doors	Fans Per Case	High Efficiency Fans		Tank <sup>1</sup> Heater		Defrost Heaters (1-Phase)				Defrost Heaters <sup>2</sup> (3-Phase)			
		120 Volts		120 Volts		208 Volts		240 Volts		208 Volts		240 Volts	
		Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps <sup>3</sup>	Watts	Amps <sup>3</sup>	Watts
2-door	2	0.6	50	1.3	152	7.5	1552	8.6	2068	6.5	1552	7.5	2068
3-door	3	1.0	75	1.5	171	10.9	2274	12.6	3018	9.5	2274	10.9	3018
4-door	4	1.3	100	1.9	226	14.3	2984	16.6	3992	12.4	2984	14.4	3992
5-door	5	1.6	125	2.3	275	17.5	3640	20.2	4840	15.1	3640	17.4	4840
6-door	6	1.9	150	2.7	320	20.3	4224	23.4	5624	17.6	4224	20.3	5624

### Lighting Data

Doors	LED Lighting			
	Optimax Pro <sup>4</sup>		GE IMMERSION	
	120 Volts		120 Volts	
	Amps	Watts	Amps	Watts
2-door	0.3	39	0.3	32
3-door	0.5	58	0.4	48
4-door	0.6	77	0.5	64
5-door	0.8	96	0.7	80
6-door	1.0	115	0.8	96

### Anti-Condensate Heater Data

Doors	PureView <sup>5</sup>			
	Standard Heat <sup>6</sup>		Low Heat <sup>7</sup>	
	120 Volts		120 Volts	
	Amps	Watts	Amps	Watts
2-door	1.49	178	1.03	123
3-door	2.23	267	1.54	185
4-door	2.97	356	2.05	246
5-door	3.71	446	2.56	308
6-door	4.46	535	3.08	369

### Guidelines & Control Settings

Application	Door	BTUH/door		Evaporator (°F)	Superheat Set Point @ Bulb (°F)	Discharge Air (°F)	Discharge <sup>8</sup> Air Velocity (FPM)
		Conventional	Parallel				
Frozen	Standard Heat	1044	1014	-7	3 - 5	-3	400
	Low Heat	988	960	-7	3 - 5	-3	400
Ice Cream	Standard Heat	1091	1060	-15	3 - 5	-10	400
	Low Heat	1027	998	-15	3 - 5	-10	400

### 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)
1	13 - 15	46	60 <sup>9</sup>	-- <sup>10</sup>	---	24	73 <sup>11</sup>

- 1 Tank heater and fan motors share the same circuit (separate cycles). Be certain that the circuit wiring is properly sized to handle the higher current draw of the tank heater.
- 2 3-phase load is unbalanced.
- 3 Figure given is maximum line amperage per phase.
- 4 Low-power lights. High-power option available.
- 5 Door frames are heated.
- 6 Door rails are heated; door glass is heated. Case is designed to operate in ambient store conditions of 75°F and 65% relative humidity or less.
- 7 Door rails are heated; no heat on door glass. Case is designed to operate in ambient store conditions of 75°F and 55% relative humidity or less.
- 8 Average discharge air velocity at peak of defrost.
- 9 Electric defrost sensor location is top-center of coil, 8" from left-hand coil end, beneath provided access hatch. If using a discharge air temperature sensor to terminate defrost, utilize a 55°F termination temp.
- 10 NOTE: "--" indicates that the feature is not an option with this case model.
- 11 Hot Gas defrost sensor location is on the dump line. If using a discharge air temperature sensor to terminate defrost, utilize a 55°F termination temp.



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

