

# Self-Service Open Multi-Deck Merchandiser

## BLF-SS SELF-CONTAINED - 77"

### System Requirements

Model	Width	Volts	Phase	Total Amps	Minimum Circuit Ampacity	Maximum Overcurrent Protection
BLF-SS	77"	120-208	1	13.47	20	35

### Electrical Data

Model	Width	Fans per Case	High Efficiency Fans		Anti-Condensate Fans		Drain Pumps		Evaporator Pan Heaters			Auxiliary Fans	
			120 Volts		120 Volts		120 Volts		Volts	Amps	Watts	120 Volts	
			Amps	Watts	Amps	Watts	Amps	Watts				Amps	Watts
BLF-SS	77"	2	0.6	72	---	---	---	---	208	4.8	998.4	---	---

### Lighting Data

Model	Width	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
BLF-SS	77"	2	3	0.08	9.4	0.20	23.8

### Guidelines & Control Settings

Model	24hr Energy Usage (kWh/ft)	Suction Temperature @ Case Outlet (°F)	Superheat Set Point @ Bulb (°F)	Discharge Air (°F)	Discharge Air <sup>2</sup> Velocity (FPM)
BLF-SS	4.76	20	10	28	200

### Condensing Unit Data

Model	Width	Volts	Phase	HP	RLA <sup>3</sup> (amps)	LRA <sup>4</sup> (amps)	Refrig.	Condenser Fans		Lbs. of Refrig.
								Amps	Watts	
BLF-SS	77"	208	1	1	6.2	40	404a	0.85	176.8	4.00

### 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)
BLF-SS	6	---	---	---	20	---	---	---

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

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.



**BLF-SS**  
(Self-Contained)

**Hillphoenix**

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