Self-Service Open Multi-Deck Merchandiser

KBC-SS SELF-CONTAINED - 48", 59", 77", 96", & 113"

System Requirements

Model		Volts	Phase	Total Amps	Minimum Circuit Ampacity	Maximum Overcurrent Protection
KBC-SS	48"	120	1	18.68	25	45
1	59"	120	1	22.18	30	50
	77"	120-208	1	13.81	20	35
	96"	120-208	1	14.63	20	35
	113"	120-208	1	18.88	25	45

Electrical Data

	Fans per		120 Volts		Anti-Condensate Fans		Drain Pumps		Evaporator Pan Heaters			Auxiliary Fans 120 Volts	
l .					olts 120 Volts		120 Volts						
Model		Case	Amps	Watts	Amps	Watts	Amps	Watts	Volts	Amps	Watts	Amps	Watts
KBC-SS	48"	2	0.6	72	1				120	6.6	792		
1	59"	2	0.6	72					120	8.3	996		
1	77"	2	0.6	72					208	4.8	998.4		
1	96"	3	0.9	108					208	4.8	998.4		
	113"	3	0.9	108					208	4.8	998.4		

Lighting Data

				Fluore	escent	Clearvoyant LED Lighting (Per Light Row)				
					nting ght Row)	Standar (Cornice	d Power or Shelf)	High Power (Cornice)		
		Lights per	Light Length	120 Volts Amps Watts		120 Volts		120 Volts		
Model		Row	(ft)			Amps	Watts	Amps	Watts	
KBC-SS	48"	1	4	0.27	32.4	0.12	14.4	0.20	24	
	59"	1	5	0.32	38.4	0.1475	17.7	0.25	29.5	
	77"	2	3	0.34	40.8	0.1925	23.1	0.32	38.5	
	96"	2	4	0.47	56.4	0.24	28.8	0.40	48	
	113"	2	4	0.47	56.4	0.2825	33.9	0.47	56.5	

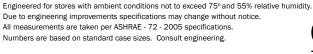
Guidelines & Control Settings

Model	24hr Energy Usage (kWh/ft)	Suction Temperature @ Case Outlet (°F)	Superheat Set Point @ Bulb (°F)	Discharge Air (°F)	Discharge Air ² Velocity (FPM)
KBC-SS	5.45	20	10	28	200

Condensing Unit Data

					DI 4 ³	LRA ⁴		Condenser Fans		11
Model		Volts	Phase	HP	RLA (amps)	(amps)	Refrig.	Amps	Watts	Lbs. of Refrig.
KBC-SS	48"	120	1	0.5	9	51	404a	1.4	168	2.00
	59"	120	1	0.75	10.3	60	404a	1.7	204	2.00
	77"	208	1	1	6.2	40	404a	0.85	176.8	4.00
	96"	208	1	1.5	6.2	40	404a	0.85	176.8	4.00
	113"	208	1	2	9.6	55	404a	1.7	353.6	4.00











Hillphoenix

Defrost Controls

			Electric Defrost		Timed-0	Off Defrost	Hot Gas Defrost		
Model	Defrosts per Day	Run-Off Time (min)	Fail-Safe (min)	Termination Temp (°F)	Fail-Safe (min)	Termination Temp (°F)	Fail-Safe (min)	Termination Temp (°F)	
KBC-SS	6				20				

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











(Self-Contained)

