



180618

**SpaceKeeper Console Heat Pumps Performance Data (SKC)**

Cooling Entering Air Temp.	DB/WB	80.0/67.0 °F	
Heating Entering Air Temp.		70 °F	
Fluid Flow		2.0 Usgpm/ton	Fluid Water

		SKC				
Unit Model		SKC008	SKC010	SKC012	SKC015	SKC018
Air Flow	(CFM)	280	320	360	450	520
Fluid Flow	(gpm)	1.4	1.7	2	2.5	3
MCA/MOP @ 115V/1		9.8/15.0	10.9/15.0	13.8/15.0	na/na	na/na
MCA/MOP @ 208V/1		5.6/15.0	6.3/15.0	8.0/15.0	11.9/15.0	13.9/15.0
MCA/MOP @ 277V/1		4.4/15.0	4.9/15.0	6.2/15.0	9.4/15.0	10.9/15.0

80°F EWT	COOLING	Total Capacity	9,214	10,377	12,896	15,980	16,607
		Sensible	7,439	8,473	10,001	12,475	13,719
	Total Power	557	647	818	985	1,025	
	LAT (DB/WB)	56.1/55.3	56.2/55.4	55.0/54.2	55.1/54.2	56.3/55.5	
	Operating EER	16.3	15.8	15.5	16.0	16.0	
	HEATING	Total Capacity	2,370	2,550	2,733	3,212	3,559
		Total Power	40	55	75	90	110
		Leaving Air Temp.	77.8	77.3	77.0	76.6	76.3
		Leaving Water Temp.	76.6	77.0	77.3	77.4	77.6

85°F EWT	COOLING	Total Capacity	8,753	9,846	12,274	15,223	15,763
		Sensible	7,241	8,066	9,676	11,788	13,005
	Total Power	590	681	860	1,042	1,098	
	LAT (DB/WB)	56.3/55.5	56.8/56.0	55.2/54.4	55.8/55.0	56.9/56.1	
	Operating EER	14.9	14.5	14.4	14.7	14.5	
	HEATING	Total Capacity	3,555	3,825	4,099	4,818	5,338
		Total Power	40	55	75	90	110
		Leaving Air Temp.	81.7	81.0	80.5	79.9	79.5
		Leaving Water Temp.	79.9	80.5	80.9	81.1	81.4

90°F EWT	COOLING	Total Capacity	8,427	9,496	11,892	14,775	15,287
		Sensible	7,044	7,999	9,367	11,702	12,913
	Total Power	624	716	901	1,103	1,171	
	LAT (DB/WB)	57.0/56.2	57.0/56.2	56.0/55.2	56.0/55.2	57.0/56.2	
	Operating EER	13.5	13.3	13.3	13.5	13.2	
	HEATING	Total Capacity	4,740	5,100	5,465	6,424	7,117
		Total Power	40	55	75	90	110
		Leaving Air Temp.	85.6	84.7	84.0	83.2	82.6
		Leaving Water Temp.	83.2	84.0	84.5	84.9	85.3

100°F EWT	COOLING	Total Capacity	7,778	8,780	11,067	13,850	14,280
		Sensible	6,785	7,707	9,036	11,308	12,470
	Total Power	691	787	989	1,235	1,319	
	LAT (DB/WB)	57.8/57.0	57.9/57.1	56.8/56.0	56.8/56.0	57.8/57.0	
	Operating EER	11.3	11.2	11.3	11.3	10.9	
	HEATING	Total Capacity	7,110	7,650	8,198	9,636	10,676
		Total Power	40	55	75	90	110
		Leaving Air Temp.	93.4	92.0	91.0	89.7	88.9
		Leaving Water Temp.	89.8	91.0	91.8	92.3	92.9



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SKC					
Unit Model	SKC008	SKC010	SKC012	SKC015	SKC018
Air Flow (CFM)	280	320	360	450	520
Fluid Flow (gpm)	1.4	1.7	2	2.5	3
MCA/MOP @ 115V/1	9.8/15.0	10.9/15.0	13.8/15.0	na/na	na/na
MCA/MOP @ 208V/1	5.6/15.0	6.3/15.0	8.0/15.0	11.9/15.0	13.9/15.0
MCA/MOP @ 277V/1	4.4/15.0	4.9/15.0	6.2/15.0	9.4/15.0	10.9/15.0

105°F EWT	COOLING	Total Capacity (BTU/h)	7,453	8,419	10,616	13,354	13,735
		Sensible (BTU/h)	6,722	7,638	8,950	11,213	12,366
		Total Power (W)	724	824	1,035	1,308	1,394
		LAT (DB/WB) (° F)	58.0/57.2	58.1/57.3	57.0/56.2	57.0/56.2	58.0/57.2
		Operating EER	10.3	10.3	10.3	10.3	9.9
HEATING		Total Capacity (BTU/h)	8,295	8,924	9,564	11,242	12,455
		Total Power (W)	40	55	75	90	110
		Leaving Air Temp. (° F)	97.3	95.7	94.5	93.0	92.1
		Leaving Water Temp. (° F)	93.2	94.5	95.4	96.0	96.7

110°F EWT	COOLING	Total Capacity (BTU/h)	7,129	8,058	10,135	12,824	13,152
		Sensible (BTU/h)	6,660	7,569	8,858	11,112	12,254
		Total Power (W)	758	861	1,084	1,388	1,469
		LAT (DB/WB) (° F)	58.2/57.4	58.3/57.5	57.3/56.5	57.2/56.4	58.2/57.4
		Operating EER	9.4	9.4	9.4	9.3	9.0
HEATING		Total Capacity (BTU/h)	9,480	10,199	10,930	12,848	14,234
		Total Power (W)	40	55	75	90	110
		Leaving Air Temp. (° F)	101.2	99.4	98.0	96.3	95.2
		Leaving Water Temp. (° F)	96.5	98.0	99.1	99.7	100.5

120°F EWT	COOLING	Total Capacity (BTU/h)	6,482	7,343	9,074	11,627	11,846
		Sensible (BTU/h)	6,402	7,278	8,481	10,666	11,754
		Total Power (W)	826	936	1,190	1,568	1,620
		LAT (DB/WB) (° F)	59.1/58.3	59.1/58.3	58.2/57.4	58.1/57.3	59.1/58.3
		Operating EER	7.9	7.9	7.7	7.4	7.4
HEATING		Total Capacity (BTU/h)	11,850	12,749	13,663	16,060	17,793
		Total Power (W)	40	55	75	90	110
		Leaving Air Temp. (° F)	109.0	106.7	105.0	102.9	101.5
		Leaving Water Temp. (° F)	103.1	105.0	106.3	107.2	108.1

\*Net Capacities - Not adjusted for ISO corrections