



SpaceKeeper Horizontal (SKH008-100)

May 2019

EC Motor

Belt Drive

Model	SKH008	SKH010	SKH012	SKH015	SKH018	SKH020	SKH024	SKH030	SKH036	SKH042	SKH048	SKH060	SKH070	SKH080	SKH100
Air Flow (CFM)	280	320	400	500	600	700	800	1,000	1,200	1,400	1,600	1,964	2,400	2,800	3,200
Fluid Flow (gpm)	1.4	1.7	2	2.5	3	3.5	4	5	6	7	8	10	12	14	16
MCA/MOP 1/115	8.8/20.0	9.9/20.0	11.6/20.0	na/na	na/na	na/na	na/na	na/na	na/na	na/na	na/na	na/na	na/na	na/na	na/na
MCA/MOP 1/208	5.6/15.0	6.3/15.0	7.4/15.0	11.9/15.0	13.9/15.0	15.3/20.0	17.5/20.0	20.2/25.0	25.0/25.0	31.3/40.0	36.4/40.0	43.5/50.0	na/na	na/na	na/na
MCA/MOP 1/265	4.4/15.0	4.9/15.0	5.8/15.0	9.4/15.0	10.9/15.0	12.0/20.0	13.7/20.0	15.9/20.0	19.6/25.0	na/na	na/na	na/na	na/na	na/na	na/na
MCA/MOP 3/208-230	na/na	na/na	na/na	na/na	na/na	10.1/20.0	11.4/20.0	13.0/20.0	16.0/20.0	19.7/20.0	23.6/25.0	27.8/30.0	29.7/40.0	33.7/40.0	42.1/50.0
MCA/MOP 3/460	na/na	na/na	na/na	na/na	na/na	na/na	5.2/15.0	5.9/15.0	7.2/15.0	8.9/15.0	10.7/15.0	12.6/15.0	13.5/20.0	15.3/20.0	19.1/25.0
MCA/MOP 3/575	na/na	na/na	na/na	na/na	na/na	na/na	na/na	na/na	5.8/15.0	7.1/15.0	8.5/15.0	10.0/15.0	10.8/20.0	12.2/20.0	15.2/20.0

80°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 0.25 inch W.G. External Static Pressure

	EC Motor												Belt Drive		
	SKH008	SKH010	SKH012	SKH015	SKH018	SKH020	SKH024	SKH030	SKH036	SKH042	SKH048	SKH060	SKH070	SKH080	SKH100
COOLING															
Total Capacity (BTU/h)	8,776	9,831	12,263	15,088	17,079	18,629	23,429	28,501	34,467	42,642	48,738	56,360	72,198	82,119	97,185
Sensible (BTU/h)	7,111	8,126	10,132	12,299	14,448	16,567	19,688	24,229	29,117	35,149	39,891	45,916	60,006	69,248	79,312
Total Power (W)	605	677	855	1,063	1,309	1,282	1,562	2,011	2,490	2,812	3,357	4,577	4,062	4,951	6,328
LAT (DB/WB) (°F)	57.2/56.4	57.2/56.4	57.3/56.4	57.9/57.1	58.4/57.6	58.8/58.0	57.9/57.1	58.3/57.5	58.2/57.4	57.5/56.7	57.6/56.8	59.0/58.2	57.6/56.8	57.8/57.0	57.8/57.0
Operating EER	14.5	14.5	14.3	14.2	13.1	14.5	15.0	14.2	13.8	15.2	14.5	12.3	17.8	16.6	15.4
HEATING															
Total Capacity (BTU/h)	2,161	2,526	2,934	3,458	3,932	5,272	5,833	6,864	7,796	9,852	10,837	12,492	18,263	20,470	22,496
Total Power (W)	89	88	118	176	252	187	228	369	446	506	680	1,356	475	683	950
LAT (°F)	77.1	77.3	76.8	76.4	76.0	76.9	76.7	76.3	76.0	76.5	76.2	75.9	77.0	76.7	76.5
LWT (°F)	76.9	77.0	77.1	77.2	77.4	77.0	77.1	77.3	77.4	77.2	77.3	77.5	77.0	77.1	77.2

85°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 0.25 inch W.G. External Static Pressure

	EC Motor												Belt Drive		
	SKH008	SKH010	SKH012	SKH015	SKH018	SKH020	SKH024	SKH030	SKH036	SKH042	SKH048	SKH060	SKH070	SKH080	SKH100
COOLING															
Total Capacity (BTU/h)	8,454	9,495	11,903	14,644	16,537	18,081	22,712	27,660	33,397	41,347	47,217	54,659	70,157	79,784	94,578
Sensible (BTU/h)	6,914	7,908	9,871	12,214	14,345	16,462	19,551	24,068	28,913	34,227	38,829	45,590	59,615	68,801	78,813
Total Power (W)	638	711	896	1,121	1,368	1,371	1,655	2,124	2,629	2,963	3,534	4,791	4,302	5,202	6,616
LAT (DB/WB) (°F)	57.8/57.0	57.8/57.0	57.9/57.1	58.1/57.3	58.6/57.8	58.9/58.1	58.1/57.3	58.4/57.6	58.4/57.6	58.1/57.3	58.2/57.4	59.2/58.4	57.7/56.9	58.0/57.1	57.9/57.1
Operating EER	13.3	13.4	13.3	13.1	12.1	13.2	13.7	13.0	12.7	14.0	13.4	11.4	16.3	15.3	14.3
HEATING															
Total Capacity (BTU/h)	3,241	3,789	4,400	5,187	5,898	7,908	8,749	10,296	11,693	14,777	16,255	18,738	27,395	30,705	33,744
Total Power (W)	89	88	118	176	252	187	228	369	446	506	680	1,356	475	683	950
LAT (°F)	80.7	80.9	80.1	79.6	79.1	80.4	80.1	79.5	79.0	79.7	79.4	78.8	80.5	80.1	79.7
LWT (°F)	80.4	80.5	80.6	80.9	81.1	80.5	80.6	80.9	81.1	80.8	80.9	81.3	80.4	80.6	80.8



SpaceKeeper Horizontal (SKH008-100)

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EC Motor

Belt Drive

Model	
Air Flow	(CFM)
Fluid Flow	(gpm)

Model	SKH008	SKH010	SKH012	SKH015	SKH018	SKH020	SKH024	SKH030	SKH036	SKH042	SKH048	SKH060
Air Flow (CFM)	280	320	400	500	600	700	800	1,000	1,200	1,400	1,600	1,964
Fluid Flow (gpm)	1.4	1.7	2	2.5	3	3.5	4	5	6	7	8	10

Model	SKH070	SKH080	SKH100
Air Flow (CFM)	2,400	2,800	3,200
Fluid Flow (gpm)	12	14	16

90°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 0.25 inch W.G. External Static Pressure

COOLING	Total Capacity	(BTU/h)
	Sensible	(BTU/h)
	Total Power	(W)
	LAT (DB/WB)	(°F)
	Operating EER	
HEATING	Total Capacity	(BTU/h)
	Total Power	(W)
	LAT	(°F)
	LWT	(°F)

8,133	9,153	11,527	14,202	15,984	17,519	21,979	26,798	32,295	40,026	45,660	52,921
6,853	7,842	9,799	12,130	13,950	16,355	19,411	23,422	28,123	33,974	38,531	45,257
671	745	937	1,181	1,428	1,466	1,754	2,245	2,778	3,123	3,726	5,019
58.0/57.2	58.0/57.2	58.0/57.2	58.2/57.4	59.2/58.4	59.1/58.3	58.2/57.4	59.0/58.2	59.0/58.2	58.2/57.4	58.4/57.6	59.4/58.6
12.1	12.3	12.3	12.0	11.2	11.9	12.5	11.9	11.6	12.8	12.3	10.5
4,321	5,052	5,867	6,916	7,864	10,544	11,665	13,728	15,591	19,703	21,674	24,984
89	88	118	176	252	187	228	369	446	506	680	1,356
84.2	84.6	83.5	82.7	82.1	83.9	83.4	82.7	82.0	83.0	82.5	81.7
83.8	84.1	84.1	84.5	84.8	84.0	84.2	84.5	84.8	84.4	84.6	85.0

68,085	77,413	91,882
59,218	68,347	78,296
4,556	5,469	6,925
57.9/57.1	58.1/57.3	58.0/57.2
14.9	14.2	13.3
36,526	40,940	44,992
475	683	950
84.0	83.5	83.0
83.9	84.2	84.4

100°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 0.25 inch W.G. External Static Pressure

COOLING	Total Capacity	(BTU/h)
	Sensible	(BTU/h)
	Total Power	(W)
	LAT (DB/WB)	(°F)
	Operating EER	
HEATING	Total Capacity	(BTU/h)
	Total Power	(W)
	LAT	(°F)
	LWT	(°F)

7,492	8,454	10,716	13,292	14,853	16,350	20,463	24,991	29,978	37,312	42,428	49,319
6,595	7,554	9,450	11,715	13,733	15,793	18,735	23,075	27,680	32,780	37,141	43,622
737	815	1,024	1,313	1,550	1,681	1,971	2,517	3,111	3,479	4,160	5,531
58.9/58.1	58.8/58.0	58.8/58.0	59.0/58.2	59.5/58.7	59.8/59.0	59.0/58.2	59.3/58.5	59.3/58.5	59.0/58.2	59.2/58.4	60.1/59.3
10.2	10.4	10.5	10.1	9.6	9.7	10.4	9.9	9.6	10.7	10.2	8.9
6,482	7,579	8,801	10,373	11,796	15,816	17,498	20,591	23,387	29,555	32,510	37,476
89	88	118	176	252	187	228	369	446	506	680	1,356
91.3	91.8	90.3	89.1	88.1	90.8	90.2	89.0	88.0	89.5	88.7	87.6
90.7	91.1	91.2	91.7	92.1	91.0	91.3	91.8	92.2	91.6	91.9	92.5

63,818	72,526	86,240
57,245	66,062	75,674
5,112	6,051	7,611
58.6/57.8	58.9/58.0	58.8/58.0
12.5	12.0	11.3
54,789	61,410	67,488
475	683	950
91.0	90.2	89.4
90.9	91.2	91.6

105°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 0.25 inch W.G. External Static Pressure

COOLING	Total Capacity	(BTU/h)
	Sensible	(BTU/h)
	Total Power	(W)
	LAT (DB/WB)	(°F)
	Operating EER	
HEATING	Total Capacity	(BTU/h)
	Total Power	(W)
	LAT	(°F)
	LWT	(°F)

7,171	8,101	10,273	12,805	14,275	15,740	19,677	24,034	28,756	35,920	40,749	47,444
6,534	7,487	9,366	11,621	13,622	15,677	18,584	22,892	27,446	32,513	36,820	43,263
771	851	1,069	1,387	1,612	1,801	2,090	2,669	3,299	3,677	4,407	5,818
59.1/58.3	59.0/58.2	59.0/58.2	59.2/58.4	59.7/58.9	60.0/59.2	59.2/58.4	59.5/58.7	59.5/58.7	59.2/58.4	59.4/58.6	60.3/59.5
9.3	9.5	9.6	9.2	8.9	8.7	9.4	9.0	8.7	9.8	9.2	8.2
7,562	8,842	10,268	12,102	13,762	18,452	20,414	24,023	27,285	34,481	37,929	43,722
89	88	118	176	252	187	228	369	446	506	680	1,356
94.9	95.5	93.7	92.3	91.1	94.3	93.5	92.1	91.0	92.7	91.8	90.5
94.2	94.6	94.7	95.3	95.8	94.5	94.8	95.4	95.9	95.1	95.5	96.3

61,607	69,993	83,301
56,822	65,577	75,111
5,416	6,369	7,994
58.8/58.0	59.0/58.2	59.0/58.2
11.4	11.0	10.4
63,921	71,645	78,736
475	683	950
94.5	93.6	92.7
94.3	94.8	95.2



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Belt Drive

Model	SKH008	SKH010	SKH012	SKH015	SKH018	SKH020	SKH024	SKH030	SKH036	SKH042	SKH048	SKH060	SKH070	SKH080	SKH100
Air Flow (CFM)	280	320	400	500	600	700	800	1,000	1,200	1,400	1,600	1,964	2,400	2,800	3,200
Fluid Flow (gpm)	1.4	1.7	2	2.5	3	3.5	4	5	6	7	8	10	12	14	16

110°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 0.25 inch W.G. External Static Pressure

COOLING	Total Capacity (BTU/h)	6,851	7,748	9,801	12,284	13,691	15,114	18,871	23,034	27,487	34,508	39,025	45,514	59,333	67,387	80,287
	Sensible (BTU/h)	6,472	7,265	9,275	11,521	13,221	15,114	18,045	22,219	26,625	32,243	36,489	42,893	56,386	63,729	74,534
	Total Power (W)	804	887	1,117	1,466	1,674	1,933	2,219	2,835	3,503	3,890	4,677	6,129	5,739	6,707	8,405
	LAT (DB/WB) (°F)	59.3/58.5	59.7/58.9	59.2/58.4	59.4/58.6	60.3/59.5	60.7/59.8	59.8/59.0	60.1/59.3	60.2/59.3	59.4/58.6	59.6/58.8	60.5/59.7	58.9/58.1	59.6/58.8	59.1/58.3
	Operating EER	8.5	8.7	8.8	8.4	8.2	7.8	8.5	8.1	7.8	8.9	8.3	7.4	10.3	10.0	9.6
HEATING	Total Capacity (BTU/h)	8,642	10,105	11,734	13,831	15,728	21,088	23,330	27,455	31,182	39,406	43,347	49,968	73,052	81,880	89,984
	Total Power (W)	89	88	118	176	252	187	228	369	446	506	680	1,356	475	683	950
	LAT (°F)	98.4	99.1	97.0	95.5	94.2	97.8	96.9	95.3	93.9	95.9	95.0	93.5	98.1	97.0	95.9
	LWT (°F)	97.7	98.1	98.3	98.9	99.5	97.9	98.3	99.0	99.6	98.7	99.2	100.0	97.8	98.3	98.8

120°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 0.25 inch W.G. External Static Pressure

COOLING	Total Capacity (BTU/h)	6,212	7,050	8,758	11,106	12,506	13,807	17,192	20,883	24,794	31,624	35,431	41,464	54,569	61,923	74,052
	Sensible (BTU/h)	6,212	7,050	8,758	11,055	12,506	13,807	17,192	20,883	24,794	31,016	35,031	41,171	54,318	61,923	71,799
	Total Power (W)	871	962	1,222	1,646	1,799	2,233	2,507	3,209	3,968	4,366	5,293	6,832	6,445	7,447	9,326
	LAT (DB/WB) (°F)	60.2/59.3	60.3/59.3	60.4/59.3	60.2/59.4	61.4/60.4	62.4/60.2	60.8/59.9	61.4/60.2	61.6/60.3	60.2/59.4	60.4/59.6	61.3/60.5	59.7/58.9	60.2/59.2	59.9/59.1
	Operating EER	7.1	7.3	7.2	6.7	7.0	6.2	6.9	6.5	6.2	7.2	6.7	6.1	8.5	8.3	7.9
HEATING	Total Capacity (BTU/h)	10,803	12,631	14,668	17,289	19,660	26,360	29,163	34,319	38,978	49,258	54,184	62,460	91,315	102,350	112,480
	Total Power (W)	89	88	118	176	252	187	228	369	446	506	680	1,356	475	683	950
	LAT (°F)	105.6	106.4	103.8	101.9	100.2	104.7	103.6	101.6	99.9	102.4	101.2	99.3	105.1	103.7	102.4
	LWT (°F)	104.6	105.1	105.3	106.2	106.9	104.9	105.4	106.3	107.0	105.9	106.5	107.5	104.8	105.4	105.9