



## SpaceKeeper Vertical (SKV070-320)

May 2019

		Belt Drive									
		Single Scroll Compressor			Dual Scroll Compressors						
Model		SKV070	SKV080	SKV100	SKV120	SKV150	SKV180	SKV240	SKV280	SKV320	
Air Flow	(CFM)	2,400	2,800	3,200	4,000	5,000	6,000	8,000	9,200	10,500	
Fluid Flow	(gpm)	12	14	16	20	25	30	40	48	56	
MCA/MOP 208/3		29.7/40.0	33.7/40.0	42.2/50.0	51.4/60.0	59.3/60.0	85.5/100.0	91.8/100.0	112.1/125.0	124.3/125.0	
MCA/MOP 460/3		13.5/20.0	15.3/20.0	19.1/25.0	23.3/30.0	26.8/40.0	38.7/40.0	41.5/50.0	50.7/60.0	56.2/60.0	
MCA/MOP 575/3		10.8/20.0	12.2/20.0	15.3/20.0	18.6/25.0	21.4/30.0	30.9/40.0	33.2/40.0	40.6/50.0	45.0/50.0	

**80°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 1 inch W.G. External Static Pressure**

		Single Scroll Compressor			Dual Scroll Compressors						
COOLING	Total Capacity (BTU/h)	71,773	81,604	96,579	116,887	135,983	202,522	228,318	268,885	310,168	
	Sensible (BTU/h)	58,542	67,537	78,895	96,196	117,009	157,691	191,100	222,110	252,956	
	Total Power (W)	4,570	5,543	7,020	8,217	10,332	13,441	15,733	17,267	20,395	
	LAT (DB/WB) (°F)	58.1/57.3	58.4/57.6	57.9/57.1	58.4/57.6	59.0/58.2	56.4/55.6	58.6/57.8	58.3/57.5	58.4/57.6	
	Operating EER	15.7	14.7	13.8	14.2	13.2	15.1	14.5	15.6	15.2	
HEATING	Total Capacity (BTU/h)	17,902	20,076	22,105	29,318	34,441	46,412	57,469	65,024	72,372	
	Total Power (W)	978	1,269	1,621	1,939	2,895	2,408	3,968	4,150	5,162	
	LAT (°F)	76.9	76.6	76.4	76.8	76.3	77.1	76.6	76.5	76.4	
	LWT (°F)	77.0	77.1	77.2	77.1	77.2	76.9	77.1	77.3	77.4	

**85°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 1 inch W.G. External Static Pressure**

		Single Scroll Compressor			Dual Scroll Compressors						
COOLING	Total Capacity (BTU/h)	69,699	79,231	93,940	113,504	131,918	197,100	221,360	261,462	302,670	
	Sensible (BTU/h)	58,145	67,082	76,848	95,548	116,230	152,729	189,767	220,689	251,520	
	Total Power (W)	4,810	5,794	7,308	8,634	10,824	14,021	16,366	18,000	21,183	
	LAT (DB/WB) (°F)	58.3/57.5	58.5/57.7	58.5/57.7	58.6/57.8	59.2/58.4	57.1/56.3	58.7/57.9	58.5/57.7	58.5/57.7	
	Operating EER	14.5	13.7	12.9	13.1	12.2	14.1	13.5	14.5	14.3	
HEATING	Total Capacity (BTU/h)	26,853	30,113	33,158	43,977	51,661	69,618	86,204	97,536	108,559	
	Total Power (W)	978	1,269	1,621	1,939	2,895	2,408	3,968	4,150	5,162	
	LAT (°F)	80.3	79.9	79.6	80.1	79.5	80.7	79.9	79.8	79.5	
	LWT (°F)	80.5	80.7	80.9	80.6	80.9	80.4	80.7	80.9	81.1	

		Belt Drive								
		Single Scroll Compressor			Dual Scroll Compressors					
Model		SKV070	SKV080	SKV100	SKV120	SKV150	SKV180	SKV240	SKV280	SKV320
Air Flow	(CFM)	2,400	2,800	3,200	4,000	5,000	6,000	8,000	9,200	10,500
Fluid Flow	(gpm)	12	14	16	20	25	30	40	48	56

**90°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 1 inch W.G. External Static Pressure**

COOLING	Total Capacity (BTU/h)	67,595	76,823	91,211	110,054	127,772	191,496	214,457	253,940	294,511
	Sensible (BTU/h)	57,742	66,621	76,326	94,887	113,028	151,655	188,445	219,248	249,957
Total Power (W)	5,065	6,061	7,616	9,080	11,349	14,642	17,035	18,779	22,060	
LAT (DB/WB) (°F)	58.4/57.6	58.7/57.9	58.6/57.8	58.7/57.9	59.8/59.0	57.3/56.5	58.9/58.1	58.6/57.8	58.7/57.9	
Operating EER	13.3	12.7	12.0	12.1	11.3	13.1	12.6	13.5	13.4	
HEATING	Total Capacity (BTU/h)	35,804	40,151	44,211	58,636	68,881	92,824	114,939	130,048	144,745
	Total Power (W)	978	1,269	1,621	1,939	2,895	2,408	3,968	4,150	5,162
	LAT (°F)	83.7	83.2	82.7	83.5	82.7	84.3	83.2	83.0	82.7
	LWT (°F)	84.0	84.3	84.5	84.1	84.5	83.8	84.3	84.6	84.8

**100°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 1 inch W.G. External Static Pressure**

COOLING	Total Capacity (BTU/h)	63,266	71,866	85,498	102,912	119,186	179,766	200,671	238,470	276,367
	Sensible (BTU/h)	55,757	64,323	75,231	91,592	111,383	146,519	181,951	211,854	241,424
	Total Power (W)	5,620	6,643	8,302	10,072	12,520	16,023	18,502	20,506	24,084
	LAT (DB/WB) (°F)	59.2/58.4	59.4/58.6	58.9/58.1	59.5/58.7	60.1/59.3	58.1/57.3	59.6/58.8	59.4/58.6	59.4/58.6
	Operating EER	11.3	10.8	10.3	10.2	9.5	11.2	10.8	11.6	11.5
HEATING	Total Capacity (BTU/h)	53,706	60,227	66,316	87,953	103,322	139,237	172,408	195,073	217,117
	Total Power (W)	978	1,269	1,621	1,939	2,895	2,408	3,968	4,150	5,162
	LAT (°F)	90.6	89.8	89.1	90.3	89.0	91.4	89.9	89.5	89.1
	LWT (°F)	91.0	91.4	91.7	91.2	91.7	90.7	91.4	91.9	92.2

**105°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 1 inch W.G. External Static Pressure**

COOLING	Total Capacity (BTU/h)	61,025	69,299	82,521	99,199	114,722	173,656	193,713	230,455	266,460
	Sensible (BTU/h)	55,327	63,831	73,120	90,881	108,120	145,348	180,619	210,318	239,527
	Total Power (W)	5,924	6,960	8,684	10,629	13,176	16,793	19,310	21,465	25,231
	LAT (DB/WB) (°F)	59.4/58.5	59.6/58.8	59.5/58.7	59.7/58.9	60.7/59.9	58.3/57.5	59.8/59.0	59.5/58.7	59.6/58.8
	Operating EER	10.3	10.0	9.5	9.3	8.7	10.3	10.0	10.7	10.6
HEATING	Total Capacity (BTU/h)	62,657	70,265	77,369	102,612	120,542	162,443	201,143	227,585	253,303
	Total Power (W)	978	1,269	1,621	1,939	2,895	2,408	3,968	4,150	5,162
	LAT (°F)	94.1	93.1	92.3	93.6	92.2	95.0	93.2	92.8	92.2
	LWT (°F)	94.6	95.0	95.3	94.7	95.4	94.2	94.9	95.5	96.0



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		Belt Drive								
		Single Scroll Compressor			Dual Scroll Compressors					
Model		SKV070	SKV080	SKV100	SKV120	SKV150	SKV180	SKV240	SKV280	SKV320
Air Flow	(CFM)	2,400	2,800	3,200	4,000	5,000	6,000	8,000	9,200	10,500
Fluid Flow	(gpm)	12	14	16	20	25	30	40	48	56

**110°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 1 inch W.G. External Static Pressure**

		Single Scroll Compressor			Dual Scroll Compressors					
		SKV070	SKV080	SKV100	SKV120	SKV150	SKV180	SKV240	SKV280	SKV320
<b>COOLING</b>	Total Capacity (BTU/h)	58,722	66,660	79,469	95,379	110,128	167,390	186,662	222,209	256,046
	Sensible (BTU/h)	54,886	63,326	72,535	90,150	107,240	144,148	175,415	208,739	237,532
	Total Power (W)	6,246	7,298	9,095	11,231	13,886	17,621	20,176	22,497	26,470
	LAT (DB/WB) (°F)	59.5/58.7	59.8/59.0	59.7/58.9	59.8/59.0	60.8/60.0	58.5/57.7	60.4/59.6	59.7/58.9	59.8/58.9
	Operating EER	9.4	9.1	8.7	8.5	7.9	9.5	9.3	9.9	9.7
<b>HEATING</b>	Total Capacity (BTU/h)	71,608	80,302	88,422	117,271	137,762	185,649	229,878	260,097	289,490
	Total Power (W)	978	1,269	1,621	1,939	2,895	2,408	3,968	4,150	5,162
	LAT (°F)	97.5	96.4	95.5	97.0	95.4	98.5	96.5	96.1	95.4
	LWT (°F)	98.1	98.5	98.9	98.3	99.0	97.6	98.5	99.2	99.7

**120°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 70°F EAT, Water Only, 1 inch W.G. External Static Pressure**

		Single Scroll Compressor			Dual Scroll Compressors					
		SKV070	SKV080	SKV100	SKV120	SKV150	SKV180	SKV240	SKV280	SKV320
<b>COOLING</b>	Total Capacity (BTU/h)	53,903	61,132	73,152	87,374	100,499	154,419	172,131	204,895	233,841
	Sensible (BTU/h)	52,807	60,919	69,784	86,690	100,499	138,774	172,131	200,991	228,221
	Total Power (W)	6,950	8,036	10,015	12,591	15,490	19,474	22,100	24,804	29,223
	LAT (DB/WB) (°F)	60.3/59.5	60.5/59.7	60.5/59.7	60.6/59.8	62.1/60.9	59.3/58.5	60.8/59.9	60.5/59.7	60.6/59.8
	Operating EER	7.8	7.6	7.3	6.9	6.5	7.9	7.8	8.3	8.0
<b>HEATING</b>	Total Capacity (BTU/h)	89,510	100,378	110,527	146,589	172,203	232,061	287,347	325,121	361,862
	Total Power (W)	978	1,269	1,621	1,939	2,895	2,408	3,968	4,150	5,162
	LAT (°F)	104.4	103.0	101.8	103.8	101.7	105.6	103.1	102.6	101.8
	LWT (°F)	105.1	105.7	106.2	105.3	106.2	104.5	105.6	106.5	107.1