

InnKeeper & HomeKeeper – General Performance



Model	
Air Flow	<i>(CFM)</i>
Fluid Flow	<i>(gpm)</i>

PSC Motor				
IKV008	IKV010	IKV012	IKV015	IKV018
347	402	474	511	513
1.4	1.7	2.0	2.5	3.0

EC Motor							
IKV008	IKV010	IKV012	HKV016	HKV020	HKV024	HKV030	HKV036
280	320	360	600	800	850	920	1,080
1.4	1.7	2.0	2.8	3.5	4.0	5.0	6.0

80°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 68°F EAT, Water Only

		PSC Motor					EC Motor							
		IKV008	IKV010	IKV012	IKV015	IKV018	IKV008	IKV010	IKV012	HKV016	HKV020	HKV024	HKV030	HKV036
COOLING	Total Capacity <i>(BTU/h)</i>	8,344	9,546	11,915	14,584	16,706	8,277	9,479	11,715	16,405	18,757	24,520	28,477	34,037
	Sensible <i>(BTU/h)</i>	7,960	9,011	11,030	12,403	12,990	6,901	8,428	9,265	14,550	18,307	21,092	23,453	27,362
	Total Power <i>(W)</i>	574	716	875	1,045	1,229	537	699	829	910	1,189	1,660	1,875	2,420
	LAT (DB) <i>(°F)</i>	59.4	59.9	59.1	58.2	57.3	57.9	59.0	56.9	58.3	59.5	57.7	57.1	57.2
	LAT (WB) <i>(°F)</i>	58.6	59.1	58.3	57.4	56.5	57.1	58.2	56.1	57.4	58.7	56.9	56.3	56.4
	Operating EER	14.5	13.3	13.6	14.0	13.6	15.4	13.6	14.1	18.0	15.8	14.8	15.2	14.1
HEATING	Total Capacity <i>(BTU/h)</i>	3,129	3,578	3,965	4,186	4,281	2,753	3,348	3,362	5,129	6,508	6,857	7,372	8,782
	Total Power <i>(W)</i>	120	140	145	180	220	537	699	829	910	1,189	1,660	1,875	2,420
	LAT <i>(°F)</i>	76.3	76.2	75.7	75.6	75.7	77.1	76.6	76.6	75.9	75.5	75.4	75.4	75.5
	LWT <i>(°F)</i>	75.5	75.8	76.0	76.7	77.1	76.1	76.1	76.6	76.3	76.3	76.6	77.1	77.1

85°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 68°F EAT, Water Only

		PSC Motor					EC Motor							
		IKV008	IKV010	IKV012	IKV015	IKV018	IKV008	IKV010	IKV012	HKV016	HKV020	HKV024	HKV030	HKV036
COOLING	Total Capacity <i>(BTU/h)</i>	8,066	9,222	11,566	14,149	16,186	8,005	9,158	11,374	15,939	18,189	23,713	27,648	32,980
	Sensible <i>(BTU/h)</i>	7,740	8,949	10,963	12,319	12,890	6,849	8,367	9,199	14,460	18,189	20,937	22,851	27,160
	Total Power <i>(W)</i>	603	749	915	1,101	1,287	565	732	869	966	1,251	1,769	1,988	2,559
	LAT (DB) <i>(°F)</i>	60.0	60.1	59.3	58.4	57.4	58.1	59.2	57.0	58.4	59.6	57.9	57.7	57.4
	LAT (WB) <i>(°F)</i>	59.2	59.3	58.5	57.6	56.6	57.3	58.4	56.2	57.6	58.8	57.1	56.9	56.6
	Operating EER	13.4	12.3	12.6	12.8	12.6	14.2	12.5	13.1	16.5	14.5	13.4	13.9	12.9
HEATING	Total Capacity <i>(BTU/h)</i>	4,433	5,068	5,617	5,930	6,064	3,900	4,743	4,763	7,267	9,220	9,714	10,444	12,441
	Total Power <i>(W)</i>	120	140	145	180	220	82	122	100	63	124	153	235	380
	LAT <i>(°F)</i>	79.8	79.6	78.9	78.7	78.9	80.8	80.1	80.2	79.2	78.6	78.5	78.5	78.6
	LWT <i>(°F)</i>	78.7	79.0	79.4	80.3	81.0	79.4	79.4	80.2	79.8	79.7	80.1	80.8	80.9



No other heat pump does more, with less.

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		PSC Motor					EC Motor							
Model		IKV008	IKV010	IKV012	IKV015	IKV018	IKV008	IKV010	IKV012	HKV016	HKV020	HKV024	HKV030	HKV036
Air Flow	(CFM)	347	402	474	511	513	280	320	360	600	800	850	920	1,080
Fluid Flow	(gpm)	1.4	1.7	2.0	2.5	3.0	1.4	1.7	2.0	2.8	3.5	4.0	5.0	6.0

90°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 68°F EAT, Water Only

		PSC Motor					EC Motor							
		IKV008	IKV010	IKV012	IKV015	IKV018	IKV008	IKV010	IKV012	HKV016	HKV020	HKV024	HKV030	HKV036
COOLING	Total Capacity (BTU/h)	7,774	8,890	11,202	13,722	15,656	7,719	8,830	11,020	15,482	17,610	22,895	26,798	31,891
	Sensible (BTU/h)	7,684	8,885	10,666	11,992	12,789	6,794	8,304	9,132	14,373	17,610	20,371	22,688	26,431
	Total Power (W)	632	783	955	1,160	1,345	593	765	908	1,025	1,314	1,879	2,110	2,708
	LAT (DB) (°F)	60.2	60.2	59.9	59.0	57.6	58.2	59.3	57.2	58.5	60.3	58.5	57.9	58.0
	LAT (WB) (°F)	59.4	59.4	59.1	58.2	56.8	57.4	58.5	56.4	57.7	59.0	57.7	57.1	57.2
	Operating EER		12.3	11.4	11.7	11.8	11.6	13.0	11.5	12.1	15.1	13.4	12.2	12.7
HEATING	Total Capacity (BTU/h)	5,737	6,559	7,269	7,674	7,848	5,047	6,138	6,164	9,404	11,932	12,571	13,515	16,100
	Total Power (W)	120	140	145	180	220	82	122	100	63	124	153	235	380
	LAT (°F)	83.3	83.0	82.1	81.8	82.1	84.6	83.7	83.8	82.4	81.7	81.6	81.5	81.7
	LWT (°F)	81.8	82.3	82.7	83.9	84.8	82.8	82.8	83.8	83.3	83.2	83.7	84.6	84.6

100°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 68°F EAT, Water Only

		PSC Motor					EC Motor							
		IKV008	IKV010	IKV012	IKV015	IKV018	IKV008	IKV010	IKV012	HKV016	HKV020	HKV024	HKV030	HKV036
COOLING	Total Capacity (BTU/h)	7,168	8,209	10,420	12,857	14,567	7,125	8,158	10,260	14,557	16,424	21,252	25,012	29,600
	Sensible (BTU/h)	7,168	8,209	10,420	11,826	12,333	6,545	8,002	8,813	13,907	16,424	20,056	21,903	25,992
	Total Power (W)	691	851	1,039	1,289	1,463	651	833	991	1,152	1,441	2,099	2,381	3,042
	LAT (DB) (°F)	61.5	61.8	60.3	59.3	58.4	59.1	60.1	58.0	59.2	61.7	58.9	58.7	58.4
	LAT (WB) (°F)	60.2	60.2	59.3	58.5	57.6	58.3	59.3	57.2	58.4	59.7	58.0	57.9	57.6
	Operating EER		10.4	9.6	10.0	10.0	10.0	10.9	9.8	10.4	12.6	11.4	10.1	10.5
HEATING	Total Capacity (BTU/h)	8,345	9,540	10,573	11,162	11,415	7,341	8,928	8,966	13,679	17,356	18,286	19,659	23,418
	Total Power (W)	120	140	145	180	220	82	122	100	63	124	153	235	380
	LAT (°F)	90.2	89.9	88.6	88.1	88.5	92.2	90.9	91.0	89.0	88.0	87.8	87.7	88.0
	LWT (°F)	88.1	88.8	89.4	91.1	92.4	89.5	89.5	91.0	90.2	90.1	90.9	92.1	92.2



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		PSC Motor					EC Motor							
Model		IKV008	IKV010	IKV012	IKV015	IKV018	IKV008	IKV010	IKV012	HKV016	HKV020	HKV024	HKV030	HKV036
Air Flow	(CFM)	347	402	474	511	513	280	320	360	600	800	850	920	1,080
Fluid Flow	(gpm)	1.4	1.7	2.0	2.5	3.0	1.4	1.7	2.0	2.8	3.5	4.0	5.0	6.0

105°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 68°F EAT, Water Only

		PSC Motor					EC Motor							
		IKV008	IKV010	IKV012	IKV015	IKV018	IKV008	IKV010	IKV012	HKV016	HKV020	HKV024	HKV030	HKV036
COOLING	Total Capacity (BTU/h)	6,864	7,864	9,993	12,400	14,011	6,827	7,817	9,846	14,070	15,819	20,441	24,065	28,392
	Sensible (BTU/h)	6,864	7,864	9,993	11,738	12,227	6,488	7,817	8,560	13,813	15,819	19,492	21,722	25,241
	Total Power (W)	721	886	1,084	1,360	1,523	681	867	1,034	1,222	1,506	2,209	2,534	3,231
	LAT (DB) (°F)	62.4	62.6	61.2	59.4	58.6	59.2	60.6	58.7	59.4	62.4	59.5	58.8	59.1
	LAT (WB) (°F)	60.4	60.4	60.0	58.6	57.8	58.4	59.5	57.9	58.6	59.9	58.7	58.0	58.3
	Operating EER	9.5	8.9	9.2	9.1	9.2	10.0	9.0	9.5	11.5	10.5	9.3	9.5	8.8
HEATING	Total Capacity (BTU/h)	9,649	11,031	12,225	12,906	13,199	8,488	10,323	10,367	15,816	20,067	21,143	22,730	27,077
	Total Power (W)	120	140	145	180	220	82	122	100	63	124	153	235	380
	LAT (°F)	93.7	93.3	91.8	91.3	91.7	95.9	94.4	94.5	92.3	91.1	90.9	90.8	91.1
	LWT (°F)	91.2	92.0	92.8	94.7	96.2	92.9	92.9	94.6	93.7	93.5	94.4	95.9	96.0

110°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 68°F EAT, Water Only

		PSC Motor					EC Motor							
		IKV008	IKV010	IKV012	IKV015	IKV018	IKV008	IKV010	IKV012	HKV016	HKV020	HKV024	HKV030	HKV036
COOLING	Total Capacity (BTU/h)	6,564	7,519	9,539	11,914	13,448	6,533	7,476	9,405	13,554	15,206	19,646	23,075	27,137
	Sensible (BTU/h)	6,564	7,519	9,539	11,399	11,872	6,297	7,476	8,475	13,554	15,206	19,339	21,532	25,000
	Total Power (W)	752	922	1,130	1,437	1,583	712	903	1,080	1,298	1,570	2,318	2,700	3,435
	LAT (DB) (°F)	63.2	63.4	62.0	60.0	59.3	59.9	61.5	58.9	59.8	63.1	59.6	59.0	59.3
	LAT (WB) (°F)	60.5	60.6	60.2	59.2	58.5	59.1	60.2	58.1	58.7	60.0	58.8	58.2	58.5
	Operating EER	8.7	8.2	8.4	8.3	8.5	9.2	8.3	8.7	10.4	9.7	8.5	8.5	7.9
HEATING	Total Capacity (BTU/h)	10,953	12,522	13,877	14,651	14,982	9,635	11,718	11,768	17,953	22,779	24,000	25,802	30,736
	Total Power (W)	120	140	145	180	220	82	122	100	63	124	153	235	380
	LAT (°F)	97.1	96.7	95.0	94.4	94.9	99.7	98.0	98.1	95.6	94.2	94.0	93.8	94.2
	LWT (°F)	94.4	95.3	96.1	98.3	100.0	96.2	96.2	98.2	97.2	97.0	98.0	99.7	99.8



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		PSC Motor					EC Motor							
Model		IKV008	IKV010	IKV012	IKV015	IKV018	IKV008	IKV010	IKV012	HKV016	HKV020	HKV024	HKV030	HKV036
Air Flow (CFM)		347	402	474	511	513	280	320	360	600	800	850	920	1,080
Fluid Flow (gpm)		1.4	1.7	2.0	2.5	3.0	1.4	1.7	2.0	2.8	3.5	4.0	5.0	6.0

120°F EWT, Cooling: 80.6/66.2°F (DB/WB) EAT, Heating: 68°F EAT, Water Only

		PSC Motor					EC Motor							
COOLING	Total Capacity (BTU/h)	5,998	6,835	8,535	10,818	12,303	5,979	6,801	8,429	12,401	13,963	18,134	20,942	24,472
	Sensible (BTU/h)	5,998	6,835	8,535	10,818	11,653	5,979	6,801	8,115	12,401	13,963	18,134	20,680	23,970
	Total Power (W)	815	995	1,232	1,611	1,705	774	975	1,180	1,468	1,700	2,533	3,076	3,902
	LAT (DB) (°F)	64.7	64.9	64.0	61.1	59.7	60.9	63.2	59.8	61.6	64.5	60.9	59.9	60.1
	LAT (WB) (°F)	61.2	61.3	61.0	60.1	58.9	59.9	60.5	59.0	59.6	60.7	59.7	59.1	59.3
	Operating EER	7.4	6.9	6.9	6.7	7.2	7.7	7.0	7.1	8.4	8.2	7.2	6.8	6.3
HEATING	Total Capacity (BTU/h)	13,560	15,503	17,181	18,139	18,549	11,929	14,509	14,569	22,228	28,203	29,714	31,945	38,054
	Total Power (W)	120	140	145	180	220	82	122	100	63	124	153	235	380
	LAT (°F)	104.0	103.5	101.4	100.7	101.3	107.3	105.1	105.3	102.1	100.5	100.2	100.0	100.5
	LWT (°F)	100.6	101.8	102.8	105.5	107.6	103.0	102.9	105.4	104.1	103.9	105.1	107.2	107.3



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