



180618

**SlimKeeper Horizontal Heat Pumps Performance Data**

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

(SLK)

Fluid Water

		SLK			
Unit Model		SLK008	SLK010	SLK012	SLK015
Air Flow	(CFM)	280	320	360	420
Fluid Flow	(gpm)	1.3	1.7	2	2.5
MCA/MOP @ 115V/1		9.8/15.0	10.9/15.0	13.8/15.0	na/na
MCA/MOP @ 208V/1		5.6/15.0	6.3/15.0	8.0/15.0	11.9/15.0
MCA/MOP @ 277V/1		4.4/15.0	4.9/15.0	6.2/15.0	9.4/15.0

80°F EWT	COOLING	Total Capacity	(BTU/h)	8,660	9,548	12,376	13,794
		Sensible	(BTU/h)	7,198	8,160	9,666	11,154
	Total Power	(W)	565	611	909	965	
	LAT (DB/WB)	(° F)	56.9/56.1	57.1/56.3	55.9/55.0	56.1/55.3	
	Operating EER		15.1	15.4	13.4	14.1	
HEATING	Total Capacity	(BTU/h)	2,512	2,711	2,907	3,284	
	Total Power	(W)	40	55	75	90	
	Leaving Air Temp.	(° F)	78.3	77.8	77.4	77.2	
	Leaving Water Temp.	(° F)	76.1	76.8	77.1	77.4	

85°F EWT	COOLING	Total Capacity	(BTU/h)	8,214	9,011	11,698	13,014
		Sensible	(BTU/h)	7,003	7,906	9,330	10,757
	Total Power	(W)	597	646	953	1,017	
	LAT (DB/WB)	(° F)	57.1/56.3	57.3/56.5	56.1/55.3	56.3/55.5	
	Operating EER		13.8	14.0	12.3	12.9	
HEATING	Total Capacity	(BTU/h)	3,768	4,067	4,360	4,925	
	Total Power	(W)	40	55	75	90	
	Leaving Air Temp.	(° F)	82.4	81.7	81.2	80.8	
	Leaving Water Temp.	(° F)	79.2	80.2	80.6	81.1	

90°F EWT	COOLING	Total Capacity	(BTU/h)	7,905	8,661	11,275	12,539
		Sensible	(BTU/h)	6,944	7,685	9,249	10,464
	Total Power	(W)	629	681	998	1,069	
	LAT (DB/WB)	(° F)	57.3/56.5	57.9/57.1	56.3/55.5	57.0/56.2	
	Operating EER		12.6	12.8	11.4	11.8	
HEATING	Total Capacity	(BTU/h)	5,024	5,423	5,813	6,567	
	Total Power	(W)	40	55	75	90	
	Leaving Air Temp.	(° F)	86.5	85.6	84.9	84.4	
	Leaving Water Temp.	(° F)	82.3	83.6	84.2	84.7	

100°F EWT	COOLING	Total Capacity	(BTU/h)	7,287	7,962	10,427	11,587
		Sensible	(BTU/h)	6,691	7,551	8,913	10,079
	Total Power	(W)	694	751	1,088	1,173	
	LAT (DB/WB)	(° F)	58.1/57.3	58.3/57.5	57.1/56.3	57.8/57.0	
	Operating EER		10.5	10.6	9.6	9.9	
HEATING	Total Capacity	(BTU/h)	7,536	8,134	8,720	9,851	
	Total Power	(W)	40	55	75	90	
	Leaving Air Temp.	(° F)	94.8	93.4	92.3	91.6	
	Leaving Water Temp.	(° F)	88.4	90.4	91.3	92.1	



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Fluid Flow	(gpm)	1.3	1.7	2	2.5
MCA/MOP @ 115V/1		9.8/15.0	10.9/15.0	13.8/15.0	na/na
MCA/MOP @ 208V/1		5.6/15.0	6.3/15.0	8.0/15.0	11.9/15.0
MCA/MOP @ 277V/1		4.4/15.0	4.9/15.0	6.2/15.0	9.4/15.0

105°F EWT	COOLING	Total Capacity	(BTU/h)	6,979	7,612	10,002	11,108
		Sensible	(BTU/h)	6,632	7,330	8,832	9,987
		Total Power	(W)	727	786	1,132	1,225
		LAT (DB/WB)	(° F)	58.3/57.5	59.0/58.1	57.3/56.5	58.0/57.2
		Operating EER		9.6	9.7	8.9	9.1
	HEATING	Total Capacity	(BTU/h)	8,792	9,490	10,173	11,493
		Total Power	(W)	40	55	75	90
		Leaving Air Temp.	(° F)	98.9	97.3	96.0	95.2
		Leaving Water Temp.	(° F)	91.5	93.8	94.8	95.8

110°F EWT	COOLING	Total Capacity	(BTU/h)	6,671	7,263	9,576	10,629
		Sensible	(BTU/h)	6,438	7,263	8,577	9,896
		Total Power	(W)	759	821	1,177	1,277
		LAT (DB/WB)	(° F)	59.0/58.2	59.1/58.3	58.0/57.2	58.2/57.4
		Operating EER		8.8	8.9	8.2	8.4
	HEATING	Total Capacity	(BTU/h)	10,048	10,846	11,626	13,134
		Total Power	(W)	40	55	75	90
		Leaving Air Temp.	(° F)	103.1	101.2	99.8	98.8
		Leaving Water Temp.	(° F)	94.5	97.2	98.4	99.5

120°F EWT	COOLING	Total Capacity	(BTU/h)	6,056	6,564	8,722	9,666
		Sensible	(BTU/h)	6,056	6,564	8,240	9,509
		Total Power	(W)	825	892	1,267	1,381
		LAT (DB/WB)	(° F)	60.2/59.1	61.2/59.2	58.9/58.0	59.1/58.3
		Operating EER		7.4	7.4	6.9	7.0
	HEATING	Total Capacity	(BTU/h)	12,560	13,557	14,533	16,418
		Total Power	(W)	40	55	75	90
		Leaving Air Temp.	(° F)	111.3	109.0	107.2	106.0
		Leaving Water Temp.	(° F)	100.7	104.1	105.5	106.9

\*Net Capacities - Not adjusted for ISO corrections