Heat Pump Systems

Set Model Number			KSIV009-H119-S-2(W)	KSIV012-H119-S-2(W)	KSIV009-H219-S-2(W)	KSIV012-H219-S-2(W)	KSIV018-H219-S-2(W)	KSIV024-H219-S-2(W)	KSIV030-H219-S-2(W)	KSIV036-H219-S-2(W)
Indoor unit model number			KSIV009-H119-IW-2	KSIV012-H119-IW-2	KSIV009-H219-IW-2	KSIV012-H219-IW-2	KSIV018-H219-IW-2	KSIV024-H219-IW-2	KSIV030-H219-IW-2	KSIV036-H219-IW-2
Outdoor unit model number			KSIV009-H119-O-2	KSIV012-H119-O-2	KSIV009-H219-O-2	KSIV012-H219-O-2	KSIV018-H219-O-2	KSIV024-H219-O-2	KSIV030-H219-O-2	KSIV036-H219-O-2
Power supply		V/ph/Hz	115/1/60	115/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Cooling	Capacity (range)	Btu/h	9000	12000	9000	12000	18000	24000	30000	36000
	Input	W	782	1020	782	1065	1645	2500	2855	4256
	Rated current	A	6.8	8.87	6.8	4.5	7.35	11.0	12.4	18.4
	EER	Btu/w	11.5	10.5	11.0	11.0	11.0	9.5		
	SEER	Btu/w	19	19.00	18.0	19.0	19.00	19.0		
	EER2 *	Btu/w	12.5	10.3	12.6	10.8	10.5	9.0	10.5	8.5
	SEER2 *	Btu/w	21.5	20.8	21.7	21.4	19	18	18.6	17.5
Heating	Capacity (range)	Btu/h	10000	12000	10000	12000	18000	24000	30000	36000
	Input	W	925	1026	925	1025	1700	2200	3250	4256
	Rated current	A	8.1	8.93	8.1	4.3	7.4	9.6	14.2	18.4
	COP	W/W	1.89	1.91	1.96	1.68	2.10	1.78	1.84	1.97
	HSPF	Btu/w	10	9.5	9.5	9.5	10.0	9.5		
	HSPF2 *	Btu/w	9	8.7	9.1	9.1	8.7	8.6	8.7	8.7
Minimum Circuit Ampacity		A	16	15	10	15	15	20	23	28
Max Fuse Size		A	20	20	15	15	20	25	30	35
Compressor	Type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Capacity	W	3100	3100	3100	3100	4370	7715		
	Input	W	790	790	790	790	1135	2085	2200	2200
	Rated current (RLA)	A	6	6	6	6	7.5	9.45	15.0	18.0
Indoor fan motor	Input	W	35.2	35.2	50	50	36	116	115	
	Output	W	20	20	20	20	30	60	58	58
	RLA	A	0.712	0.712	0.06	0.06	-	0.37		0.5
	Speed (Hi/Mi/Lo)	rpm	1050/850/600	1100/850/750	1240/850/650	1100/900/750	1100/800/750	1100/900/750	1200/1050/950	1200/950/750
Indoor air flow (Hi/Mi/Lo)		cfm	247/182/129	294/212/171	309/285/187	324/282/212	449/97/393/262	706/588/450	794/617/470	882/517/400
Indoor noise level (Hi/Mi/Lo)		dB(A)	38/32/25	38/30/28	38/32/25	38/32/24	43/35/30.5	48/42.5/34	51.5/47.5/44	56.5/54.5/40
Indoor unit	Dimensions (W*D*H)	in	28.43x7.36x11.42	31.57x7.44x11.69	28.43x7.36x11.42	31.57x7.44x11.69	37.99x8.46x12.56	42.52x8.90x13.19	49.57x11.1x14.3	49.6x11.1x14.3
	Packing (W*D*H)	in	31.10x10.63x14.57	34.45x11.22x14.76	31.10x10.63x14.57	34.45x11.22x14.76	41.14x12.01x15.94	45.47x16.34x12.40	52.8x17.7x15.2	52.8x17.7x15.2
	Net/Gross weight	lb.	17.2/22.7	18.96/24.91	17.0/22.7	18.96/24.91	24.03/32.19	30.2/39.68	37.5/50.5	40.3/52.7
Outdoor fan motor	Input	W	58	58	58	58	58	50	150	150
	Output	W	34	34	34	34	34	115	120	120
	RLA	A	0.39	0.39	0.39	0.39	0.39	0.5	0.6	0.5
	Winding Resistance	Ω	77.3	77.3	77.3	77.3	77.3	37.3		
	Speed	rpm	850/650	800/650	850/650	800/750/650	800/750/650	800/750/650	900/750	1050/850
Outdoor air flow		cfm	1176.47	1176.47	1176.47	1176	1176	1823	2235	2235
Outdoor noise level		dB(A)	52	55	52	55	57.5	58	60	63
Outdoor unit	Dimension (W*D*H)	inch	30.31x11.81x21.85	31.50x13.11x21.81	30.31x11.81x21.85	31.50x13.11x21.81	31.50x13.11x21.81	33.27x14.29x27.64	37.24x16.1x31.9	37.2x16.1x31.9
	Packing (W*D*H)	inch	35.43x13.58x23.03	36.22x15.35x24.21	35.43x13.58x23.03	36.22x15.35x24.21	36.22x15.35x24.21	37.99x15.55x30.12	42.9x19.7x34.84	42.9x19.7x34.84
	Net/Gross weight	lbs.	66.8/71.87	70.33/76.28	66.8/71.87	67.0/72.75	79.8/85.76	105.16/112.22	141.8/151.9	150.1/159
Refrigerant type		oz	R410A/30	R410A/29.63	R410A/30	R410A/29.63	R410A/44.09	R410A/62.79	R410A	R410A
Refrigerant precharge		ft	25	25	25	25	25	25	25	25
Additional charge for each ft		oz	0.161	0.161	0.161	0.161	0.161	0.322	0.32	0.32
Design pressure		psig	550/340	550/340	550/340	550/340	550/340	550/340	550/340	550/340
Refrigerant piping	Liquid side/ Gas side	in	1/4"/3/8"	1/4"/1/2"	1/4"/3/8"	1/4"/1/2"	1/4"/1/2"	3/8"/5/8"	3/8"/5/8"	3/8"/5/8"
	Max. refrigerant pipe length	ft	82	82	82	82	98	98	164	213
	Max. difference in level	ft	33	33	33	33	66	66	82	98
Connection wiring - Stranded. unshielded			16AWG*4	16AWG*4	16AWG*4	16AWG*4	16AWG*4	16AWG*4	14AWG*4	14AWG*4
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control
Room temperatue	Indoor (cooling/ heating)	°F	62~90/32~86	62~90/32~86	62~90/32~86	62~90/32~86	62~90/32~86	62~90/32~86	62~90/32~86	62~90/32~86
	Outdoor (cooling/heating)	°F	5~122/5~86	5~122/5~86	5~122/5~86	5~122/5~86	5~122/5~86	5~122/5~86	5~122/5~86	5~122/5~86

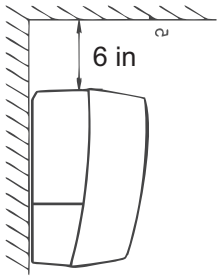
* EER2. SEER2. HSPF2 Values as per the new energy efficiency regulations starting on January 1. 2023

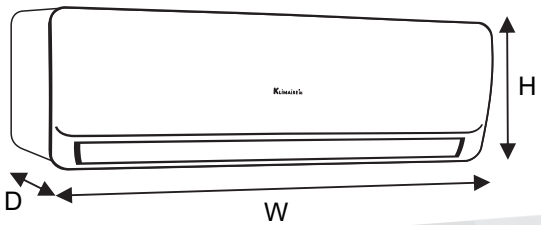
Continued product improvement is our goal at Klimaire Products. Inc. Hence. specifications and data listed herein are subject to change without notice and without obligation on our part.

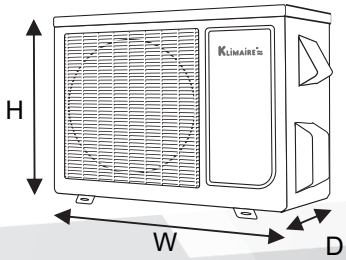
Allways comply with local. state. and national electrical codes.

1 - Minimum 10 ft line set recommended.

2 - Outdoor unit being elevated than the indoor unit oil trap should be installed every 17 ft to 23 ft (5 to 7 m)







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