

15-16 SEER

KSIF - Air Conditioner Technical Specifications



Klimaïre Model Number		KSIF009-H115-S	KSIF012-H115-S	KSIF009-H215-S	KSIF012-H215-S	KSIF018-H215-S	KSIF024-H215-S		
Indoor Unit Model Number		KSIF009-H115-IWW	KSIF012-H115-IWW	KSIF009-H215-IWW	KSIF012-H215-IWW	KSIF018-H215-IWW	KSIF024-H215-IWW		
Outdoor Unit Model Number		KSIF009-H115-O	KSIF012-H115-O	KSIF009-H215-O	KSIF012-H215-O	KSIF018-H215-O	KSIF024-H215-O		
Power supply		V-Hz-ph	115V~ 60Hz /1ph	115V~ 60Hz /1ph	208-230V~60Hz /1ph	208-230V~60Hz /1ph	208-230V~60Hz /1ph		
Cooling	Capacity	Btu/h	9000	12000	9000	12000	18000	24000	
	Power Input	W	900	1200	855	1175	1635	2665	
	Rated current	A	8,0	5,4	3,7	5,3	7,3	11,8	
	SEER	Btu/W	15,2	16	15	15,5	15,5	15	
	EER	Btu/W	10	10	10,5	10,2	11	9	
Heating	Capacity	Btu/h	9800	12000	9800	12000	18000	24000	
	Power Input	W	965	1260	990	1200	1700	2550	
	Rated current	A	8,6	5,7	4,5	5,4	7,6	11,3	
	HSPF4	Btu/W	9,0	9,0	8,8	9,3	9,8	8,8	
	COP	W/W	10,2	9,5	9,9	10	10,6	9,41	
Minimum Circuit Ampacity		A	15	15	15	15	15		
Maximum Fuse Size		A	15	20	15	15	20	25	
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
	Capacity	Btu/h	10014	10014	10014	10014	13836	24344	
	Input	W	748	748	748	748	1035	1970	
	Refrigerant oil/oil charge	ml	ESTER OIL VG74-370	ESTER OIL VG74-370	ESTER OIL VG74-370	ESTER OIL VG74-370	ESTER OIL VG74-370	ESTER OIL VG74/670	
Indoor fan motor	Input	W	46	46	47,4	47,4	58,5	89	
	RLA	A	0,3	0,3	0,25	0,25	0,4	0,45	
	LRA	A	0,54	0,54	0,235	0,235	0,356	0,6	
Indoor air flow (Hi/Mi/Lo)		cfm	265/212/159	318/241/176	265/212/159	318/241/176	424/341/200	565/447/341	
Indoor noise level (Hi/Mi/Lo)		dB(A)	41/35/26	41/36/28	41/36/27	42/36/27	43,5/36/34,5	45/38/32	
Indoor unit	Dimension(W*D*H)	in	28.15x7.68x11.22	31.69x7.68x11.22	28.15x7.68x11.22	31.69x7.68x11.22	37.72x8.39x11.89	40.87x8.66x12.8	
	Packing (W*D*H)	in	30.71x10.63x14.17	34.25x10.63x14.17	30.71x10.63x14.17	34.25x10.63x14.17	40.75x11.61x14.96	44.09x15.94x12.2	
	Net/Gross weight	lb	15.9/20.5	17.2/22.0	15.9/20.5	17.2/22.0	22.9/29.5	29.3/36.6	
Outdoor fan motor	Model		YKT-32-6-202L	YKT-32-6-202L	YKT-32-6-3L	YKT-32-6-3L	YKT-48-6-206	YKT-63-6-200L	
	Fan speed (Hi)	rpm	850	850	850	850	880	930	
		Input	W	80,2	80,2	32 (Output)	32 (Output)	103,8	136
Outdoor air flow		cfm	1060	1120	1060	1120	1470	1590	
Outdoor noise level		dB(A)	54,0	54,0	55,0	55,0	57,0	58,5	
Outdoor unit	Dimension(W*D*H)	in	30.31x11.81x21.85	30.31x11.81x21.85	30.31x11.81x21.85	30.31x11.81x21.85	31.50x13.11x21.81	33.27x14.29x27.64	
	Packing (W*D*H)	in	35.43x13.58x23.03	35.43x13.58x23.03	35.43x13.58x23.03	35.43x13.58x23.03	36.22x15.35x24.21	38.00x15.55x29.72	
	Net/Gross weight	lb	61.5/66.6	65.0/70.1	57.1/62.4	60.6/66.4	80.5/87.1	105.2/112.4	
Refrigerant type		oz	R410A/28.2	R410A/33.9	R410A/28.2	R410A/33.9	R410A/45.2	R410A/63.5	
Refrigerant precharge		ft	25	25	25	25	25		
Additional charge per ft		oz	0,161	0,161	0,161	0,161	0,322		
Design pressure		psig	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"	
	Max. refrigerant pipe length	ft	82	82	82	82	98	98	
	Max. difference in level	ft	33	33	33	33	66	66	
Connection wiring (Stranded, unshielded)		AWG	16AWG*4	16AWG*4	16AWG*4	16AWG*4	16AWG*4	16AWG*4	
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	
Operation temperature	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	
	Outdoor (cooling/heating) - Optional	°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	
Application area (cooling standard)		sq.ft	350-400	450-550	350-400	450-550	700-1000	900-1500	

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

