



16 SEER

KSIA SERIES

Klimaïre Model Number		KSIA009-H216	KSIA012-H216	KSIA018-H216	KSIA024-H216	
Power Supply		V / ph / Hz	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60
Cooling	Capacity	Btu/h	9000	12000	18000	23200
	Inverter Capacity Range	Btu/h	3753~10918	4094~13306	5118~19107	6142~23884
	Power Input	kW	0,84	1,36	2,05	2,465
	Rated Current	A	3,68	5,94	8,96	10,76
	Indoor Air Flow Volume	cfm	540	560	840	1150
	SEER		16,3	16	16,4	16
	EER		9,6	9,9	9,4	8,6
Heating	Capacity	Btu/h	10000	12000	18000	23200
	Inverter Capacity Range	Btu/h	4435~11942	4094~13648	5118~19107	6142~23884
	Power Input	kW	0,941	1,16	1,715	2,207
	Rated Current	A	5,34	6,54	7,49	9,63
	HSPF		8,4	8,2	8,4	8,2
	COP		11,26	10,58	10,75	10,58
Minimum Circuit Ampacity		A	7,2	7,9	6,5	11
Max Overload Protection Breaker		A	15	15	15	15
Dehumidification		pint/h	1,69	2,5	3,17	4,64
Compressor	Type		Rotary	Rotary	Twin-rotary	Twin-rotary
	Power Input	W	735	825	1255 (4000 rpm)	1141
	Rated current (RLA)	A	5,25	5,8	4,2	7,95
	Locked Rotor Amp (LRA)	A	20	20	20	20
Outdoor Fan Motor	Power Input	W	36	36	60	78
	RLA	A	0,31	0,31	0,51	0,7
	Speed (Hi/Mi/Lo)	rpm	770/550/500	850/550/450	900/700/600	800/600/500
Outdoor Air Flow		cfm	1089	1089	1400	1530
Outdoor Noise Level		dB(A)	50	50	53	54
Indoor Fan Motor	Power Input	W	41	41	80	88
	RLA	A	0,21	0,21	0,425	0,44
	Speed (Hi/Mi/Lo)	rpm	1130/1000/850	1130/1000/850	1080/970/850	1080/970/850
Indoor Air Flow		cfm	540	560	840	1150
Indoor Noise Level (L-M-H)		dB(A)	30 - 32 - 37	35 - 39 - 43	37 - 41 - 45	40 - 42 - 47
Max Refrigeration Pipe Length		ft	49,2	49,2	98,4	98,4
Max Elevation Difference ²		ft	16,4	16,4	23	33
Refrigerant Type			R-410A	R-410A	R-410A	R-410A
Refrigerant Charge (up to 25ft line set)		oz	27,51	34,22	56,44	65,26
Refrigerant Pipe Size	Liquid	in	1/4	1/4	1/4	1/4
	Gas	in	3/8	1/2	1/2	5/8
Drain Hose Connection OD		in	1/2	1/2	1/2	1/2
Design Pressure		psig	550 / 340	550 / 340	550 / 340	550 / 340
Connection Method		Type	Flare	Flare	Flare	Flare
Connecting Wiring		AWG	4*18 AWG	4*18 AWG	4*18 AWG	4*18 AWG
Operation temperature	Indoor (Cooling/Heating)	°F	60.8 – 89.6/ 60.8 – 89.6	60.8 – 89.6/ 60.8 – 89.6	60.8 – 89.6/ 60.8 – 89.6	60.8 – 89.6/ 60.8 – 89.6
	Outdoor (Cooling / Heating)	°F	50– 125.6/5-104	50– 125.6/5-104	50– 125.6/5-104	50– 125.6/5-104
Indoor Unit	Unit Dimensions (W x H x D)	in	29.5 x 11.2 x 7.9	29.5 x 11.2 x 7.9	35.4 x 12.2 x 8.9	42.6 x 13 x 9.2
	Packing Dimensions (W x H x D)	in	32.3 x 13.6 x 11	32.3 x 13.6 x 11	38.2 x 15 x 12	45.5 x 15.6 x 12.4
	Net / Gross Weight	lb	17.6 / 22	18.7 / 23.1	26.5 / 32	35.3 / 41.9
Outdoor Unit	Unit Dimensions (W x H x D)	in	28.3 x 21.3 x 10.2	28.3 x 21.3 x 10.2	31.6 x 21.1 x 11.7	31.5 x 27.2 x 11.8
	Packing Dimensions (W x H x D)	in	33.5 x 24.4 x 14.6	33.5 x 24.4 x 14.6	36.2 x 24.4 x 15.8	37x 29.5 x 16.5
	Net/Gross Weight	lb	59.5 / 68.3	60.6 / 69.4	88.2 / 97	110.3 / 121.3
Certifications			ETL/cETL/ AHRI Performance Certified 210/240			
Application Area		sq. ft.	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)

