



GENERAL SPECIFICATIONS

Performer 16 Series KSIL Single Zone 16 SEER - Heat Pump

Klima Model No.		KSIL009-H216	KSIL012-H216	KSIL018-H216	KSIL024-H216	KSIL030-H216	KSIL036-H215
Energy Star		No	No	No	No	No	No
Cooling Capacity	Btu/h	9,000	12,000	18,000	23,000	30,000	36,000
Inverter Cooling Capacity Range	Btu/h	5,000 - 12,800	5,000 - 16,100	5,800 - 22,000	9,700 - 28,300	12,650 - 36,150	15,180 - 43,370
Heating Capacity	Btu/h	10,700	13,000	18,900	23,000	30,000	36,000
Inverter Heating Capacity Range	Btu/h	5,000 - 13,000	5,000 - 16,500	5,800 - 24,000	10,800 - 29,000	14,100 - 37,800	16,900 - 45,390
Dehumidification	Pts/h	2,114	2,537	3,805	5,285	6,342	8,033
EER	Btu/W.h	12.4	12	12	9.6	10	9.5
SEER	Btu/W.h	16	16.6	17	16	16	14.5
HSPF	Btu/W.h	9.2	9	8.2	7.8	9.6	9
Indoor Air Flow Volume	m ³ /h	670	880	1150	1150	1600	1600
	cfm	395	518	677	677	942	942
Indoor Noise Level - Hi/Med/Lo	dB(A)	40/36/30	43/41/39	49/45/42	49/45/42	50/48/46	50/48/46
Outdoor Noise Level	dB(A)	52	54	54	56	59	59
Power input	V / ph / Hz	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60
Amps (Cool)	A	4	5	7	11	13	16.0
Amps (Heat)	A	4	5	7	11	11	16.0
Minimum Circuit Amp.	A	8	8	14	15	16	20
Max. Overc. Protection	A	15	15	20	25	25	30
Watts (Cool)	W	750	1,000	1,500	2,410	3,000	3,800
Watts (Heat)	W	820	1,020	1,580	2,520	2,500	3,450
No. of Wires Indoor to Outdoor		4	4	4	4	4	4
Wire Size # Indoor to outdoor	AWG	16	16	16	16	16	16
Indoor Unit Dimensions	mm	790 x 265 x 198	920 x 292 x 223	998 x 322 x 240	998 x 322 x 240	1445 x 340 x 277	1445 x 340 x 277
(W*H*D)	in	31"-1/8 x 10"-7/16 x 7"-13/16	36"-1/4 x 11"-1/2 x 8"-3/4	39"-5/16 x 12"-11/16 x 9"-7/16	39"-5/16 x 12"-11/16 x 9"-7/16	56"-7/8 x 13"-3/8 x 10"-7/8	56"-7/8 x 13"-3/8 x 10"-7/8
Indoor Unit Packing Dimensions (W*H*D)	mm	875 x 335 x 265	1015 x 368 x 295	1080 x 320 x 400	1080 x 320 x 400	1530 x 365 x 420	1530 x 365 x 420
Indoor Unit Net/Gross Weight	lb	18 / 22	26 / 33	29 / 38	30 / 36	53 / 71	53 / 71
Outdoor Unit Dimensions	mm	760 x 590 x 285	760 x 590 x 285	845 x 695 x 335	895 x 860 x 330	895 x 860 x 330	990 x 965 x 345
(W*H*D)	in	29"-15/16 x 23"-1/4 x 11"-1/4	29"-15/16 x 23"-1/4 x 11"-1/4	33"-1/4 x 27"-3/8 x 13"-3/16	33"-1/4 x 27"-3/8 x 13"-3/16	35"-1/4 x 33"-1/4 x 13"	39" x 38" x 13"-9/16
Outdoor Unit Packing Dimensions (W*H*D)	mm	887 x 645 x 355	887 x 645 x 355	965 x 755 x 395	965 x 755 x 395	1043 x 915 x 395	1120 x 1100 x 435
Outdoor Unit Net / Gross Weight	lb	84 / 90	88 / 93	110 / 120	109 / 116	157 / 165	181 / 190
Refrigerant Gas	Type	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
Charge Amount	oz / g						
Refrigerant connections		Flare	Flare	Flare	Flare	Flare	Flare
Piping size - Liquid	mm (in)	Φ6.35(1/4")	Φ6.35(1/4")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")
	Gas	mm (in)	Φ9.53(3/8")	Φ12.7(1/2")	Φ16(5/8")	Φ16(5/8")	Φ16(5/8")
Design Pressure	psig	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG
Max. Line Run ¹	ft	66	66	82	82	98	98
Max. Elevation difference ²	ft	26	26	33	33	33	49
Indoor Unit Air Circulation	cfm	394	518	676	676	971	971
Fan Speeds	H / M / L	1200/940/800	1200/940/800	1285 / 1245 / 1040	1285 / 1245 / 1040	1260 / 1090 / 950	1260 / 1090 / 950
Temp. Setting Range		On Remote 62° F - 88° F					
Low Ambient Operation (cooling/heating) ⁴	°F	5~122/5~93.2	5~122/5~93.2	5~122/5~93.2	5~122/5~93.2	5~122/5~93.2	5~122/5~93.2
Noise level indoor (H/M/L)	dB(A)	40/36/30	44/41/39	50/45/42	49/45/42	50/47/43	50/46/42
Noise level outdoor	dB(A)	55	54	59	59	65	65
Applicable Area	Sq.Ft.	350-400	450-550	700-1000	1100-1400	1400-1900	1900-2500
Follow me	Option	Option	Option	Option	Option	Option	Option
Turbo Mode	YES	YES	YES	YES	YES	YES	YES
Auto-restart	YES	YES	YES	YES	YES	YES	YES
LCD display	YES	YES	YES	YES	YES	YES	YES
Auto level swing	YES	YES	YES	YES	YES	YES	YES
Active Carbon	Option	Option	Option	Option	Option	Option	Option
Golden Fin	Option	Option	Option	Option	Option	Option	Option
Vitamin C Filter	Option	Option	Option	Option	Option	Option	Option
Bio Filter	Option	Option	Option	Option	Option	Option	Option
Silver Ion Filter	Option	Option	Option	Option	Option	Option	Option
Finger Guard net	Option	Option	Option	Option	Option	Option	Option
Timer		24	24	24	24	24	24

Continued product improvement is our goal at Klima 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)
- 3 - Factory installed only, not field option
- 4 - Units may operate in heating mode until the ambient conditions reach 5° F

Dimensions

