

GENERAL SPECIFICATIONS

Flex Series

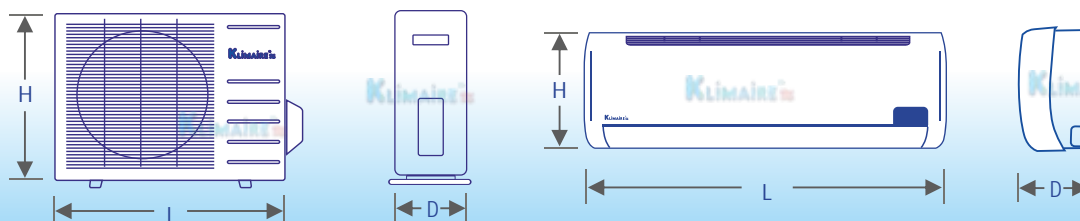
KSIM Multi Zone + KWIL



Multi Zone O.U. Model Number			KSIM218-H221	KSIM330-H219	KSIM40912-H216	
Indoor Unit Series			KWIL	KWIL	KWIL	
Power supply		V/ph/Hz	208-230 / 1 / 60			
Cooling	Capacity	Btu/h	18000	30000	36000	
	EER	Btu/w	9.9	7.5	8.9	
	SEER		17	16	16.5	
Heating	Capacity	Btu/h	19000	30000	39000	
	HSPF		9	9.0	9.0	
Low temperature heating capacity (36 °F)		Btu/h	11790	21990	26945	
Low temperature heating capacity (19 °F)		Btu/h	10745	16495	17680	
Minimum Circuit Ampacity		A	11.0	18.0	27.0	
Max. Fuse Size		A	15.0	30.0	40.0	
Compressor	Type		Twin-rotary	Twin-rotary	Twin-rotary	
	Capacity	Btu/h	13170	26289	33711	
	Input	W	990	2120	3010	
	Rated current(RLA)	A	4.97	8.85	13.5	
	Locked rotor Amp(LRA)	A	----	----	----	
	Refrigerant oil/oil charge	ml	ESTER OIL VG74/500	ESTER OIL VG74/820	FV50S/1070	
Outdoor	Input	W	50	72	180	
Fan motor	RLA	A	0,74	0,7	1,3	
	Speed	r/min	750	800	850	
Outdoor air flow		cfm	1470	2060	2240	
Outdoor noise level		dB(A)	57	63	65	
Outdoor unit	Dimension(W*D*H)	in	33.27x12.6x27.56	35.43x12.40x33.86	38.98x13.58x37.99	
	Packing (W*D*H)	in	37.99x15.55x29.72	41.06x15.55x36.02	44.09x17.13x43.31	
	Net/Gross weight	lb	117.95/125.66	136.69/147.71	179.67/188.49	
Refrigerant type		oz	R410A/51	R410A/88.2	R410A/95	
Refrigerant precharge (Total pipe length)		ft	25 x2	25 x3	25 x4	
Additional charge for each ft		oz	0.161	0.161	0.161	
Design pressure		psig	540/300	540/300	540/340	
Refrigerant piping	Liquid side/ Gas side	in	2 x 1/4"/3/8"	3 x 1/4" /3/8"	4 x 1/4"/3/8"	
	Max. length for all rooms	ft	98	148	197	
	Max. length for one indoor unit	ft	66	82	98	
	Max. height difference between indoor and outdoor unit	OU higher than IU	ft	33	33	33
		OU lower than IU	ft	49	49	49
	Max. height difference between indoor units	ft	33	33	33	
	Thermostat type			Remote control	Remote control	Remote control
Ambient Temperature	Cooling	°F	5 ~ 122	5 ~ 122	5 ~ 122	
	Heating	?	5 ~ 76	5 ~ 76	5 ~ 76	

KWIL Series Fan Coil Units

Model Number			KWIL09-H2	KWIL12-H2	KWIL18-H2
Capacity	Cooling	Btu/h	9,000	12,400	16,500
	Heating	Btu/h	10,000	12,700	19,200
Electrical data	Voltage	V / ph / Hz	208-230 / 1 / 60		
Performance	Air Flow Volume	cfm	265	335	518
	Noise Level - dB(A)	Hi/Med/Lo	35/30/25	37/32/27	42/37/33
Dimensions & Weight	Unit Dimension - W*H*D	in	27"-15/16 x 9"-13/16 x 7"-1/2	31"-1/8 x 10"-7/16 x 7"-13/16	36"-1/4 x 11"-1/2 x 8"-3/4
	Packing Dimension - W*H*D	in	30"-5/16 x 12"-1/2 x 10"-7/16	34"-7/8 x 13"-3/16 x 10"-7/16	39 15/16 X 14 1/2 X 11 5/8
	Net/Gross Weight	lb	18/20	20/25	27.5/35
	Liquid Pipe Size	mm (in)	Ø6.35(1/4")		
	Gas Pipe Size	mm (in)	Ø9.53(3/8")		



Continued product improvement is our goal at Klimate 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