

GENERAL SPECIFICATIONS

Flex Series

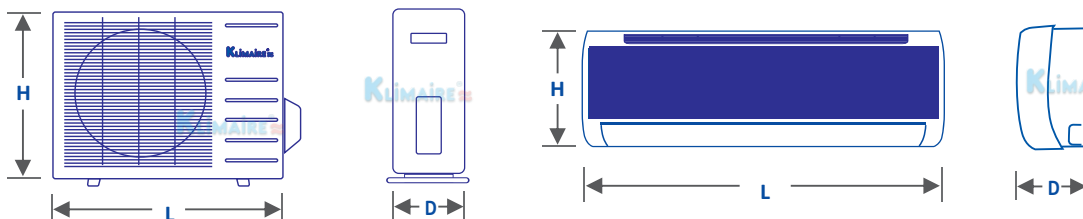
KSIM Multi Zone + KWIM



Multi Zone O.U. Model Number			KSIM218-H221	KSIM330-H219	KSIM40912-H216
Indoor Unit Series			KWIM	KWIM	KWIM
Power supply		V/ph/Hz	208-230 / 1 / 60		
Cooling	Capacity	Btu/h	18000	27000	35400
	EER	Btu/w	9,9	7,5	8,4
	SEER		17	15,5	16
Heating	Capacity	Btu/h	19000	30000	38000
	HSPF		9	9	8,6
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	18	27
Max. Fuse Size		A	15	30	40
Compressor	Type		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 fan motor	Input	W	50	72	180
	RLA	A	0,74	0,7	1,3
Outdoor air flow	Speed	r/min	750	800	850
		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 / 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
		OU lower than IU	ft	49	49
	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	°F	5~76	5~76	5~76

KWIM Series Fan coil Units

Model Number			KWIM09-H2	KWIM12-H2	KWIM18-H2
Capacity	Cooling	Btu/h	9,000	12,000	17,000
	Heating	Btu/h	10,000	13,000	18,000
Electrical data	Voltage	V / ph / Hz	208-230 / 1 / 60		
Performance	Air Flow Volume	cfm	324	383	470
	Noise Level - dB(A)	Hi/Med/Lo	38/35/32	40/37/34	42/37/33
Dimensions & Weight	Unit Dimension - W*H*D	in	31"-5/16 × 10"-5/8 × 6"-1/2	33"-1/4 × 11" 1/4 × 6"-1/2	39"-3/16 × 11"-5/8 × 7"-5/8
	Packing Dimension - W*H*D	in	33"-7/16 × 13"-3/8 × 11"-1/4	35 10/16×14 × 11 4/16	43 5/16 X 16 5/16 X11 7/16
	Net/Gross Weight	lb	22/25	23/26	28/35
	Liquid Pipe Size	mm (in)	Ø6.35(1/4")	Ø6.35(1/4")	Ø6.35(1/4")
	Gas Pipe Size	mm (in)	Ø9.53(3/8")	Ø12.7(1/2")	Ø12.7(1/2")
Features	Turbo		YES	YES	YES
	Auto-Restart Function		YES	YES	YES
	Sleep Mode		YES	YES	YES
	Self-cleaning		YES	YES	YES
	LCD Display		YES	YES	YES
	Auto Level swing		YES	YES	YES
	Vitamin C Filter		OPTION	OPTION	OPTION
	Bio Filter		OPTION	OPTION	OPTION
Silver Ion Filter		OPTION	OPTION	OPTION	



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