

GENERAL SPECIFICATIONS



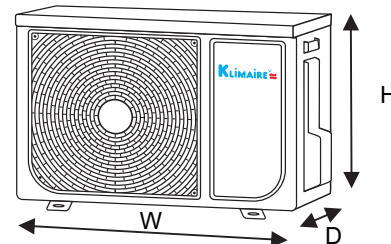
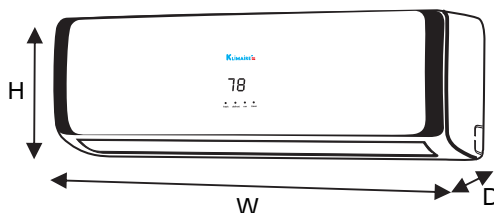
Flex Series

KSIM Multi Zone + KWIO

Multi Zone O.U. Model Number			KSIM218-H221	KSIM330-H219	KSIM330-H219	KSIM40912-H216	KSIM548-H221
Indoor Unit Series			KWIO	KWIO (3 x 9)	KWIO (2x9 + 12)	KWIO	KWIO09-H2 x 4 + KWIO12-H2
Power supply		V/ph/Hz	208-230 / 1 / 60				
Cooling	Capacity	Btu/h	18000	27000	30000	36000	48000
	EER	Btu/w	12	12	8,2	8,5	11
	SEER		21	18,5	16,5	16	20,5
Heating	Capacity	Btu/h	19000	31000	31000	35600	51000
	HSPF		10,2	10	10	9,1	10
Low temperature heating capacity (36 °F)		Btu/h		21990	21990	26945	32000
Low temperature heating capacity (19 °F)		Btu/h		16495	16495	17680	28000
Minimum Circuit Ampacity		A	15	18	18	27	30
Max. Fuse Size		A	20	30	30	40	50
Compressor	Type		Twin-rotary	Twin-rotary	Twin-rotary	Twin-rotary	Twin-rotary
	Capacity	Btu/h	15286	26289	26289	33711	40603
	Input	W	1150	2120	2120	3010	3520
	Rated current(RLA)	A	9,7	8,85	8,85	13,5	21
	Refrigerant oil/oil charge	ml	ESTER OIL VG74/500	ESTER OIL VG74/820	ESTER OIL VG74/820	FV50S/1070	FV50S / 47.3
Outdoor fan motor	Input	W	50	72	72	180	85
	RLA	A	0,74	0,7	0,7	1,3	1,2
	Speed	r/min	750	800	800	850	800
Outdoor air flow		CFM	1470	2060	2060	2240	4240
Outdoor noise level		dB(A)	60	63	63	65	64
Outdoor unit	Dimension(W*D*H)	in	33.27x12.6x27.56	35.43x12.40x33.86	35.43x12.40x33.86	38.98x13.58x37.99	36.9 x 15.4 x 53.9
	Packing (W*D*H)	in	37.99x15.55x29.72	41.06x15.55x36.02	41.06x15.55x36.02	44.09x17.13x43.31	43.1 x 19.5 x 59.3
	Net/Gross weight	lb	105.82/114.64	136.69/147.71	136.69/147.71	179.67/188.49	218.3 / 244.7
Refrigerant type		oz	R410A/68	R410A/88.2	R410A/88.2	R410A/95	R410A / 176
Refrigerant precharge (Total pipe length)		ft	25 x2	25 x3	25 x3	25 x4	25
Additional charge for each ft		oz	0,161	0,161	0,161	0,161	0,161
Design pressure		psig	540/340	540/300	540/300	540/340	550/340
Refrigerant piping	Liquid side/ Gas side	in	2 x 1/4"/3/8"	3 x 1/4"/3/8"	3 x 1/4"/3/8"	4 x 1/4"/3/8"	5x1/4" 3x3/8" + 2x1/2"
	Max. length for all rooms	ft	98	148	148	197	246
	Max. length for one indoor unit	ft	66	82	82	98	98
Max. height difference	Between indoor and outdoor unit	ft	33	33	33	33	33
		OU higher than IU	ft	49	49	49	49
		OU lower than IU	ft	33	33	33	33
Thermostat		Type	Remote control	Remote control	Remote control	Remote control	Remote control
Ambient temperature	Cooling	F°	5~122	5~122	5~122	5~122	5~122
	Heating	F°	5~76	5~76	5~76	5~76	5~76

KWIO Series Fan Coil Units

Model			KWIO09-H2	KWIO12-H2	KWIO18-H2	KWIO24-H2
Power supply		V/ph/Hz	208-230V / 1 / 60			
Indoor fan motor	Input	W	20	20	58	102
	RLA	A	0,09	0,09	0,13	0,36
	Speed(Hi/Mi/Lo)	r/min	1150 / 1000 / 700	1150 / 1000 / 700	1150 / 900 / 700	1250 / 1100 / 900
Indoor air flow		cfm	440/380/260	440/380/260	710/560/440	850/770/620
Indoor noise level		dB(A)	43/37/31	43/37/31	47/40/31	50/45/40
Indoor Unit	Unit (W*D*H)	in	32.87x7.80x11.02	32.87x7.80x11.02	38.98x8.58x12.40	46.7x10.2x13.4
	Packing (W*D*H)	in	35.83x10.63x13.98	35.83x10.63x13.98	41.93x11.81x15.75	49.8x16.5x13.4
	Net/Gross Weight	lb	17.64/22.05	18.74/24.25	26.46/30.86	40.8/50.7
	Liquid / Gas	in	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"	3/8" - 5/8"
Thermostat		Type	Remote Control	Remote Control	Remote Control	Remote Control
Room temperature	Cooling	F°	62~90	62~90	62~90	62~90
	Heating	F°	32~86	32~86	32~86	32~86
Operating temperature		F°	62~86	62~86	62~86	62~86



Continued product improvement is our goal at Klimaire 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. Units may operate in heating and cooling mode until the ambient conditions reach 5° F