

Specifications

Set Model Number		KIWQ/KOIQ09H1-3(T)	KIWQ/KOIQ12H1-3(T)	KIWQ/KOIQ09H2-3(T)	KIWQ/KOIQ12H2-3(T)	KIWQ/KOIQ18H2-3(T)	KIWQ/KOIQ24H2-3(T)	KIWQ/KOIQ36H2-3(T)	
Indoor unit model number		KIWQ09H1-3T	KIWQ12H1-3T	KIWQ09H2-3T	KIWQ12H2-3T	KIWQ18H2-3T	KIWQ24H2-3T	KIWQ36H2-3T	
Outdoor unit model number		KOIQ09H1-3	KOIQ12H1-3	KOIQ09H2-3	KOIQ12H2-3	KOIQ18H2-3	KOIQ24H2-3	KOIQ36H2-3	
Power supply	V/ph/Hz	115/1/60	115/1/60	208-230V/1/60	208-230V/1/60	208-230V/1/60	208-230V/1/60	208-230V/1/60	
Cooling	Rated cooling capacity	Btu/h	9000	12000	9000	12000	18000	24000	36000
	Power Consumption	W	750	1140	810	1140	1800	2520	4000
	Rated Current	A	6,7	10,1	3,6	5,1	8,0	11,2	17,7
	EER	Btu/W.h	12,0	10,5	11,0	10,5	10,0	9,5	9,0
	SEER	Btu/W.h	20,0	20,0	19,0	19,0	19,0	18,0	17,0
Heating	Rated heating capacity	Btu/h	9500	12000	10000	12500	19000	24400	36000
	Power Consumption	W	810	1170	970	1140	1850	2390	3760
	Rated Current	A	7,3	10,4	4,4	5,057675244	8,3	10,60337178	16,68145519
	HSPF	Btu/W.h	10,5	10,0	10,0	9,5	10,0	10,0	8,5
	COP	W/W	3,4	3,0	3,0	3,2	3,0	3,0	2,8
Maximum Fuse Size	A	25	30	15	15	20	30	20	
Maximum Operation Pressure	psig	650	650	650	650	650	650	650	
Moisture removal	pint/h	2,3	3,4	2,3	3,4	5,2	5,5	5,5	
Compressor	Type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	
	Model		ASN98D32UEZ	ASN98D32UEZ	ASN98D32UEZ	ASN98D32UEZ	C-6RZ210H1BBF	C-6RZ210H1BAF	ATF250D22UMT
	Capacity	W	NA, INVERTER	NA, INVERTER	NA, INVERTER	NA, INVERTER	NA, INVERTER	NA, INVERTER	NA, INVERTER
	Input	W	735	735	735	735	1640	1640	2080
	Rated current (RLA)	A	12,4	14,2	6,1	7,1	8,7	13,4	15,8
Indoor fan motor	Type		AC	AC	AC	AC	DC	DC	
	Input	W	50	50	61	61	/	/	/
	Output	W	20	20	23	23	45	45	45
	RLA	A	0,46	0,46	0,3	0,3	/	/	/
	Speed (Hi/Mi/Lo)	rpm	/	/	1280	1280	1400	1400	1400
Indoor air flow	Hi/Mi/Lo	cfm	600	650	600	650	1030	1440	1440
Indoor noise level	Hi/Mi/Lo	dB(A)	38/35/32	40/37/34	38/35/32	40/37/34	44/39/34	50/46/42	50/46/42
Indoor unit	Dimensions (W*D*H)	in	31.92x11.49x8.07	31.92x11.49x8.07	31.92x11.49x8.07	31.92x11.49x8.07	39.76x12.40x8.66	46.69x13.38x10.23	46.69x13.38x10.23
	Packing (W*D*H)	in	34.84x14.40x10.94	34.84x14.40x10.94	34.84x14.40x10.94	34.84x14.40x10.94	43.15x15.35x11.81	49.80x16.54x13.27	49.80x16.54x13.27
	Net/Gross weight	lb.	19.8/24.2	19.8/24.2	19.8/24.2	19.8/24.2	28.7/35.3	37.5/46.3	38.6/47.4
Outdoor fan motor	Type		DC	DC	DC	DC	DC	DC	
	Input	W	/	/	/	/	/	/	
	Output	W	33	33	33	33	54	85	
	RLA	A	/	/	/	/	/	/	
	Winding Resistance	Ω	72,5	72,5	72,5	72,5	61,5	/	/
	Speed	rpm	1000	1000	1000	1000	1000	850	850
Outdoor air flow	cfm	1350	1350	1110	1110	1520	1760	2110	
Outdoor noise level	dB(A)	50	52	50	52	55	58	58	
Outdoor unit	Dimension (W*D*H)	in	28.66x12.01x21.65	28.66x12.01x21.65	28.14x11.42x19.61	28.14x11.42x19.61	30.70x13.74x23.81	33.26x14.96x27.51	35.43x14.17x31.69
	Packing (W*D*H)	in	33.07x13.39x23.82	33.07x13.39x23.82	32.20x12.80x21.18	32.20x12.80x21.18	35.03x15.15x25.2	37.79x16.92x29.53	40.47x34.06x18.70
	Net/Gross weight	lbs.	61.3/67.5	63.9/70.5	54.1/59.5	59.5/368.3	73.8/81.5	99.2/110.2	136.7/152.1
Refrigerant type	oz	R410-A	R410-A	R410-A	R410-A	R410-A	R410-A	R410-A	
Factory Refrigerant precharge	oz	28,57	35,34	28,22	34,22	37,74	50,09	86,4	
Factory Pre-charged Refrigerant Line	ft	25	25	25	25	25	25	25	
Maximum Operation Pressure	psig	650	650	650	650	650	650	650	
Refrigerant piping	Liquid side/ Gas side	in	1/4" x 3/8"	1/4" x 3/8"	1/4" x 3/8"	1/4" x 3/8"	1/4" x 3/8"	1/4" x 1/2"	1/4" x 5/8"
	Max. refrigerant pipe length	ft	50	50	50	50	65	65	98
	Max. difference in level	ft	33	33	33	33	49	49	65
Connection wiring - Stranded, unshielded	n x AWG	4×16AWG	4×16AWG	4×16AWG	4×16AWG	4×16AWG	4×16AWG	4×16AWG	
Control type	Type	Wireless remote	Wireless remote	Wireless remote	Wireless remote	Wireless remote	Wireless remote	Wireless remote	
Room temperature	Indoor (cooling/ heating)	°F	>=63/<=86	>=63/<=86	>=63/<=86	>=63/<=86	>=63/<=86	>=63/<=86	
	Outdoor (cooling/heating)	°F	5~122/-13~86	5~122/-13~86	5~122/-13~86	5~122/-13~86	5~122/-13~86	5~122/-13~86	

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)

