



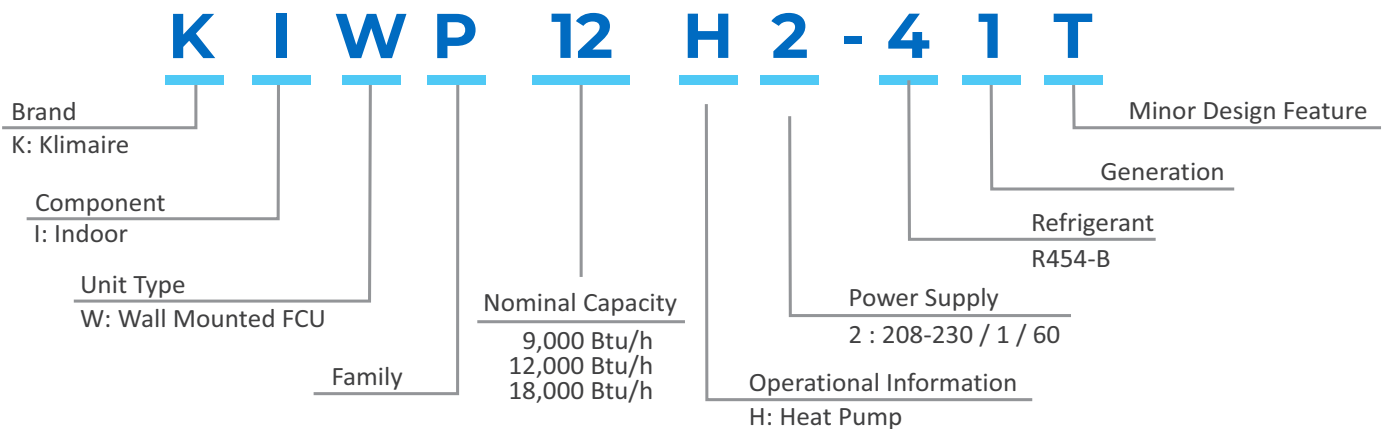
TECHNICAL SPECIFICATION

KIWP INDOOR UNIT MULTIZONE SERIES

Model Number			KIWP09H2-41T	KIWP12H2-41T	KIWP18H2-41T
AHRI Reference Number			Z2U20102009397	Z2U20102009435	Z2U20102009430
Type			Cooling & Heating	Cooling & Heating	Cooling & Heating
Control type			Wireless remote	Wireless remote	Wireless remote
Power supply			208/230V~/60Hz/1P	208/230V~/60Hz/1P	208/230V~/60Hz/1P
Rated cooling capacity (95F/35C)	Btu/h		9,000	12,000	18,000
Rated Heating capacity(47F/8.3C)	Btu/h		9,000	12,000	18,000
Rated Input Power	Cooling	W	35	35	52
	Heating	W	35	35	52
Rated Current	Cooling	A	0.20	0.20	0.34
	Heating	A	0.20	0.20	0.34
Min. Circuit Ampacity - MCA		A	0.6	0.6	0.6
Max. fuse size		A	15	15	15
Moisture removal		l/h	1.1	1.6	2.2
Max. allowed pressure		Mpa	5	5	5
Indoor noise level - Cooling	Turbo/High/Med./Low/Mute	dB(A)	43/40/33/31/30	46/44/36/32/30	49/47/42/37/32
Connecting Pipe	Gas	in	3/8"	3/8"	3/8"
	Liquid	in	1/4"	1/4"	1/4"
Connecting Wiring	Size x Core number		4×16AWG	4×16AWG	4×16AWG
Indoor air circulation - Turbo/Hi/Mid/Lo/Mute		m ³ /h	554/480/400/320/260	850/800/700/550/350	1,050/980/870/700/650
		cfm	326/282/235/188/153	500/470/411/323/205	617/575/511/411/382
Net dimensions (W x H x D)		mm	820×306×195	920×306×195	1010×315×220
		in	32-1/4" × 12" × 7-5/8"	36-1/4" × 12" × 7-5/8"	39-3/4" x 12-3/8" x 8-5/8"
Net weight		kg	9.4	10.5	12.5
		lb	20.7	23.1	27.6
Packing dimensions (W x H x D)		mm	890×380×265	990×380×265	1096×390×297
		in	35" × 15" × 10-1/2"	38" × 15" × 10-1/2"	43-1/8" x 15-3/8" x 11-3/4"
Gross weight		kg	11.4	14	15.3
		lb	25.1	30.9	33.7

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 1 - Minimum recommended line set length: 10ft

KIWP PRODUCT CODES NOMENCLATURE





TECHNICAL SPECIFICATION

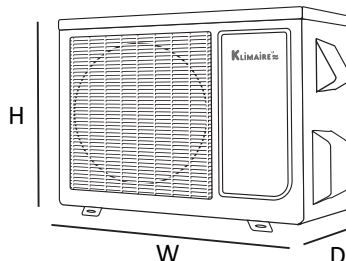
KMIP OUTDOOR UNIT MULTIZONE SERIES

Klimaïre Model Number		KMIP218-H225-4	KMIP327-H225-4	KMIP436-H223-4	KMIP542-H221-4	
AHRI Reference Number		Z2U20607000257	Z2U20607000263	Z2U20607000266	Z2U20607000278	
Power supply		208/230V~60Hz/1P	208/230V~60Hz/1P	208/230V~60Hz/1P	208/230V~60Hz/1P	
Non-Ducted	Rated cooling capacity (95° F / 35° C)	Btu/h	18,000	27,000	35,000	42,000
	Cooling Capacity Range	Btu/h	3,500~22,000	4,500~31,000	5,500~37,500	6,500~46,000
	EER2 (95° F / 35° C)	Btu/W.h	13	12	11.1	11.2
	SEER2	Btu/W.h	24	24	23	23
	Rated Heating capacity (47°F / 8.3°C)	Btu/h	20,000	28,000	36,000	42,000
	Rated Heating capacity (17°F / -8.3°C)	Btu/h	20,000	22,500	27,500	31,000
	Range Heating capacity	Btu/h	3,500~23,000	4,500~33,000	5,500~41,000	6,500~46,000
	HSPF2 Rating (Region IV)	Btu/W.h	10.5	10.5	10	10
	HSPF2 Rating (Region V)	Btu/W.h	9.5	8.8	7.8	7.8
	COP2 (47°F / 8.3°C)	W/W	3.51	3.51	3.51	3.51
	Max. Heating capacity (5°F / -15°C)	Btu/h	16000	19,800	26,000	30,000
	5° F Heating Ratio		80%	71%	72%	71%
	COP2 5°F / -15°C	W/W	2	2	2	2
	Max. Heating capacity (-4°F / -20°C)	Btu/h	12100	15,500	19,000	23,500
	Max. Heating capacity (-13°F / -25°C)	Btu/h	10300	13,200	15,000	20,400
Certifications	ENERGY STAR® Certified	Yes	Yes	Yes	Yes	
	NEEP	Yes	Yes	Yes	Yes	
	Quebec	Yes	Yes	Yes	Yes	
	Nova Scotia	Yes	Yes	Yes	Yes	
	NRCAN E-STAR	Yes	Yes	Yes	Yes	
Rated Input Power (Non-Ducted)	Cooling	W	1370	2,020	2,930	3,550
	Heating	W	1410	1,980	2,680	3,260
Rated Current (Non-Ducted)	Cooling	A	6.1	9.1	13.1	15.9
	Heating	A	6.3	8.9	12.0	14.6
Min. Circuit Ampacity	A	16	18	22	28	
Max. Fuse size	A	25	30	35	45	
Max allowed pressure	Mpa	5	5	5	5	
Outdoor noise level	dB(A)	58	62	65	65	
Connection Wiring	AWG	16AWG*4	16AWG*4	16AWG*4	16AWG*4	
	Type	R454B	R454B	R454B	R454B	
Refrigerant	g	1700	2,200	2,800	3,400	
	oz	60.0	77.6	98.8	119.9	
	m3/h	2500	2800	3200	3200	
Outdoor Air Flow (H)	cfm	1471	1,647	1,882	1,882	
	in	3/8 1/4	3/8 1/4	3/8 1/4	3/8 1/4	
Valve Size (Gas / Liquid)	in	3/8 1/4	3/8 1/4	3/8 1/4	3/8 1/4	
Throttling mode	Capillary / EEV	EEV	EEV	EEV	EEV	
Net dimensions (W x D x H)	mm	927x380x699	978x421x803	1,074x468x853	1,074x468x853	
	in	36-1/2" x 14-7/8" x 27-1/2"	38-1/2" x 16-5/8" x 31-5/8"	42-1/4" x 18-3/8" x 33-5/8"	42-1/4" x 18-3/8" x 33-5/8"	
Net weight	kg / lb	42 / 92.6	54 / 119	66 / 145.5	79 / 174.2	
	mm	960x430x732	1,022x480x835	1,135x530x970	1,135x530x970	
Outdoor Packing dimensions (W x D x H) (without pipe)	in	37-3/4" x 16-7/8" x 28-3/4"	40-1/4" x 18-7/8" x 32-7/8"	44-5/8" x 20-7/8" x 38-1/4"	44-5/8" x 20-7/8" x 38-1/4"	
	kg / lb	45 / 99.2	58 / 127.9	77 / 169.8	90 / 198.4	
Pre-Charge Length Total	ft (m)	49 (15)	74 (22.5)	98 (30)	123 (37.5)	
Line Set Length (Max) - Total	ft (m)	131 (40)	197 (60)	263 (80)	295 (90)	
Line Set Length (Max) - Each	ft (m)	82 (25)	98 (30)	98 (30)	98 (30)	
Max. Line Set Height Difference Between ODU & Furthest IDU	ft (m)	49 (15)	49 (15)	49 (15)	49 (15)	
Max. Line Set Height Difference Between IDU	ft (m)	33 (10)	33 (10)	33 (10)	33 (10)	
Additional Charge	Φ6.35 (1/4") Liquid pipe	oz/ft	0.11	0.11	0.11	
Room temperature	Indoor (cooling / heating)	°C	16~30	16~30	16~30	16~30
	Outdoor (cooling / heating)	°C	-15~55 / -25~30	-15~55 / -25~30	-15~55 / -25~30	-15~55 / -25~30
Ambient temperature	Indoor (cooling / heating)	°F	61~86	61~86	61~86	61~86
	Outdoor (cooling / heating)	°F	5~131 / -13~86	5~131 / -13~86	5~131 / -13~86	5~131 / -13~86

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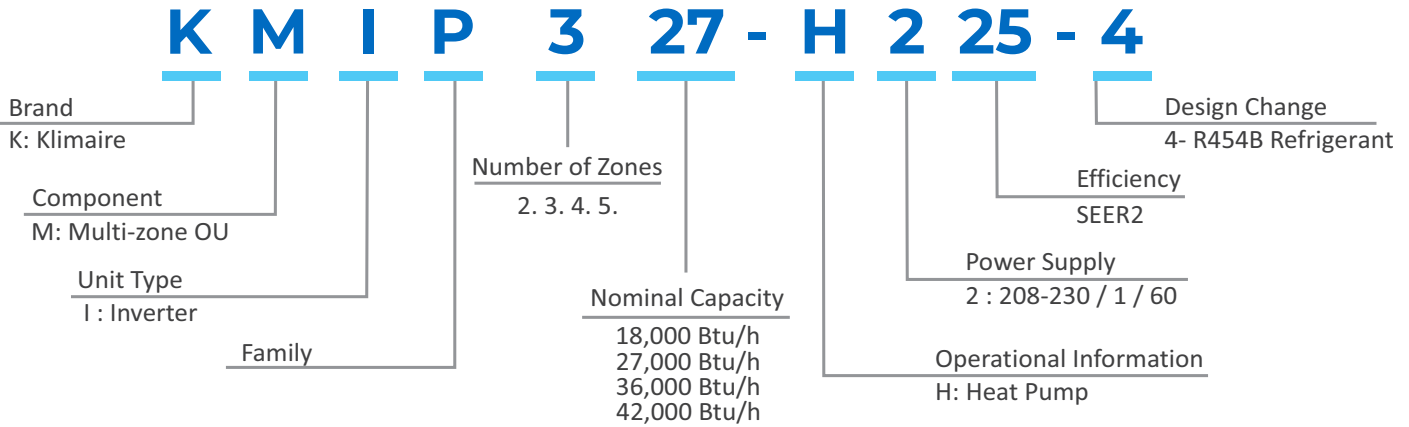
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OUTDOOR UNIT PRODUCT CODES

KMIP OUTDOOR UNIT MULTIZONE SERIES



MULTI MATCH SPECIFICATIONS

KMIP218-H225-4 18,000 BTU DUAL ZONE Condenser Combinations:

One Unit	Two Units
9	9+9
12	9+12
	12+12

KMIP327-H225-4 27,000 BTU TRI ZONE Condenser Combinations:

One Unit	Two Units		Three Units	
NA	9+9	12+12	9+9+9	9+12+12
NA	9+12	12+18	9+9+12	12+12+12
	9+18	18+18	9+9+18	

KMIP436-H223-4 36,000 BTU QUAD ZONE Condenser Combinations:

One Unit	Two Units		Three Units		Four Units	
NA	9+18	12+24	9+9+9	9+12+24	9+9+9+9	9+9+12+18
NA	9+24	18+18	9+9+12	9+18+18	9+9+9+12	9+12+12+12
	12+12	18+24	9+9+18	12+12+12	9+9+9+18	12+12+12+12
	12+18	24+24	9+9+24	12+12+18	9+9+12+12	
			9+12+12	12+12+24		
			9+12+18	12+18+18		

KMIP542-H221-4 42,000 BTU FIVE ZONE Condenser Combinations:

One Unit	Two Units		Three Units		Four Units		Five Units	
NA	9+24	18+18	9+9+18	12+12+12	9+9+9+9	9+12+12+12	9+9+9+9+9	
NA	12+24	18+24	9+9+24	12+12+18	9+9+9+12	9+12+12+18	9+9+9+9+12	
		24+24	9+12+12	12+12+24	9+9+9+18	9+12+12+24	9+9+9+9+18	
			9+12+18	12+18+18	9+9+9+24	9+12+18+18	9+9+9+9+24	
			9+12+24	12+18+24	9+9+12+12	12+12+12+12	9+9+9+12+12	
			9+18+18	12+24+24	9+9+12+18	12+12+12+18	9+9+9+12+18	
			9+18+24	18+18+18	9+9+12+24	12+12+12+24		
			9+24+24	18+18+24	9+9+18+18	12+12+12+24		
					9+9+18+24	12+12+18+18		