

TECHNICAL SPECIFICATIONS

Outdoor Units



UNIVERSAL OUTDOOR UNIT - COOLING ONLY

OUTDOOR MODEL			38KUT024VS	38KUT036VS	38KUT048VS	38KUT055VS
Power supply	V-Ph-Hz		208-230V~, 60Hz, 1Ph	208-230V~, 60Hz, 1Ph	208-230V~, 60Hz, 1Ph	208-230V~, 60Hz, 1Ph
Max. input consumption	W		3500	3700	6400	6400
Max. current	A		16.0	20	29.5	29.5
Outdoor air flow	m ³ /h		4500	5300	5300	7400
Outdoor noise level (sound pressure)	dB(A)		59.5	65.6	65.6	66.8
Throttle type			Throttle valve			
Outdoor unit	Dimension(WxDxH)	mm	600x600x633	710x710x843	710x710x843	710x710x843
	Packing (WxDxH)	mm	628x628x667	738x738x872	738x738x872	738x738x872
	Net/Gross weight	kg	44.5/47.5	61.8/66.6	67.4/72.1	80.5/85.6
Refrigerant	Type		R410A			
	Charged volume	kg	1.7	2.6	3	4.0
Design pressure	MPa		4.2/1.5			
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/ Φ15.9(3/8"/5/8")	Φ9.52/ Φ15.9(3/8"/5/8")	Φ9.52/Φ22(3/8"/7/8")	Φ9.52/Φ19(3/8"/3/4")
	Max. refrigerant pipe length	m	25	30	50	50
	Max. difference in level	m	15	20	30	30
Ambient temperature	Cooling	°C	0~50			
Qty'per 20' /40' /40'HQ	(outdoor unit)		81/171/228	42/96/142	42/96/142	42/96/142



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Ductless Flexible Matching System

WITH VERTICAL DISCHARGE CONDENSER

The ultimate in cooling comfort



TECHNICAL SPECIFICATIONS

Indoor Units



FLOOR / UNDER CEILING MOUNTED SPLIT

- ▶ Slim Profile
- ▶ Two installation method (Floor / Ceiling)
- ▶ Auto-cool-dry-heat Fan
- ▶ Low sound level
- ▶ Automatic air swing in both direction
- ▶ Three fan speed
- ▶ Auto restart function
- ▶ Drain pipe Connection - Left or Right
- ▶ On/off, alarm ports
- ▶ Wired controller | Weekly controller
- ▶ Central controller ports

INDOOR MODEL			42KZL024VS	42KZL036VS	42KZL048VS	42KZL055VS
Power supply		V-ph-Hz	208-230V~, 60Hz, 1Ph	208-230V~, 60Hz, 1Ph	208-230V~, 60Hz, 1Ph	208-230V~, 60Hz, 1Ph
Cooling	Capacity	Btu/h	24000(8000-25000)	36000(10000-38000)	48000(17000-49000)	55000(17000-56000)
	Input	W	2200	3638	5172	5558
	EER	W/W	3.2	2.9	2.72	2.9
	SEER		15	16	15	16
Indoor air flow(Hi/Med/Lo)		m3/h	1200/950/600	1648/1434/1257	2572/2255/2097	2546/2299/2148
Indoor noise level (sound pressure) (Hi/Med/Lo)		dB(A)	52.0/44.5/38.0	54/51.6/45.9	58.8/56.2/53.3	58.6/56.4/53.5
Indoor unit	Dimension (WxDxH)	mm	1068x675x235	1285x675x235	1650x675x235	1650x675x235
	Packing (WxDxH)	mm	1145x755x313	1360x755x313	1725x755x313	1725x755x313
	Net/Gross weight	kg	25.8/30.6	31.2/36.7	43.2/50.3	42.7/49.2
Design pressure		MPa	4.2/1.5			
Drainage water pipe diameter		mm	ODΦ25			
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ22(3/8"/7/8")	Φ9.52/Φ19(3/8"/3/4")
	Controller		Remote control			
Operation temperature		°C	17~30			
Room temperature Range	Cooling	°C	17~32			
	Qty'per 20' /40' /40'HQ (indoor unit)			102/220/252	92/188/213	72/147/167

Indoor Units



CASSETTE SPLIT

- ▶ 360° air flow
- ▶ Advantage duct design for nearby room
- ▶ Easy malfunction checking - Error code on LED display
- ▶ Auto Restart
- ▶ 3 Fan speeds
- ▶ In-built drain pump
- ▶ On/off, alarm ports
- ▶ Wired controller / Weekly controller/ Central controller ports

INDOOR MODEL			42KTD024VS	42KTD036VS	42KTD048VS	42KTD055VS
Power supply		V-ph-Hz	208-230V~, 60Hz, 1Ph	208-230V~, 60Hz, 1Ph	208-230V~, 60Hz, 1Ph	208-230V~, 60Hz, 1Ph
Cooling	Capacity	Btu/h	24000(8000-25000)	36000(10000-38000)	48000(17000-49000)	55000(17000-56000)
	Input	W	2550	3505	5627	6200
	EER	W/W	2.76	3.01	2.50	2.6
	SEER		14	16	15	14.5
Indoor air flow (Hi/Med/Lo)		m3/h	1200/950/650	1861/1370/1254	1890/1403/1314	1889/1410/1277
Sound level (sound pressure)		dB(A)	42.5/39/32.5	51.9/45.6/41.3	50.5/43.5/42	53.3/45.4/42.5
Indoor unit	Dimension (WxDxH) (body)	mm	840x840x205	840x840x287	840x840x287	840x840x287
	Packing (WxDxH) (body)	mm	900x900x225	900x900x292	900x900x292	900x900x292
	Dimension (WxDxH) (panel)	mm	950x950x55	950x950x55	950x950x55	950x950x55
	Packing (WxDxH) (panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross weight(body)	kg	22.0/25.5	29.2/33.5	29.7/33.9	29.4/33.6
	Net/Gross weight(panel)	kg	5/8			
Design pressure		MPa	4.2/1.5			
Drainage water pipe dia.		mm	ODΦ32			
Refrigerant piping	Liquid side/ Gas side	mm	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ22(3/8"/7/8")	Φ9.52/Φ19(3/8"/3/4")
	Controller		Remote control			
Operation temperature		°C	17~30			
Room temperature Range	Cooling	°C	17~32			
	Qty'per 20' /40' /40'HQ (indoor unit panel)			100/212/238		

Indoor Units



DUCTED SPLIT

- ▶ Slim profile, low height
- ▶ Quick & easy to install
- ▶ Flexible intake from back & below
- ▶ Flange and fresh air hole standard
- ▶ Standard & Easy to replace filters
- ▶ Adjustable external static pressure
- ▶ On/off, alarm ports
- ▶ Wired controller / Weekly controller/ Central controller ports

INDOOR MODEL			42KSM024VS	42KSM036VS	42KSM048VS	42KSM055VS
Power supply		V-ph-Hz	208-230V~, 60Hz, 1Ph	208-230V~, 60Hz, 1Ph	208-230V~, 60Hz, 1Ph	208-230V~, 60Hz, 1Ph
Cooling	Capacity	Btu/h	24000(8000-25000)	36000(10000-38000)	48000(17000-49000)	55000(17000-56000)
	Input	W	2200	3287	5627	5656
	EER	W/W	3.2	3.21	2.50	2.85
	SEER		14	17	15	16
Indoor air flow (Hi/Med/Lo)		m3/h	1420/1000/600	2328/1854/1570	2235/1780/1487	2328/1854/1570
ESP	Rated	Pa	25	37	50	50
	Range	Pa	0-100	0-80	0-100	0-100
Indoor noise level (Hi/Med/Lo)		dB(A)	42.0/37.5/32.0	47.9/42.9/38.8	47/42.5/40.5	47.2/42.5/38.5
Indoor unit	Dimension (WxDxH)	mm	1100x774x249	1200x865x300	1200x865x300	1200x865x300
	Packing(WxDxH)	mm	1305x805x305	1405x920x373	1405x920x373	1405x920x373
	Net/Gross weight	kg	25.8/30.6	44.5/53.3	44.5/53.2	44.6/53.4
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Drainage water pipe diameter		mm	ODΦ25			
Refrigerant piping	Liquid side/ Gas side	mm	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ22(3/8"/7/8")	Φ9.52/Φ19(3/8"/3/4")
	Controller		Wired control			
Operation temperature		°C	17~30			
Room temperature Range	Cooling	°C	17~32			
	Qty'per 20' /40' /40'HQ		Indoor	77/161/184	60/126/147	60/126/147