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MULTI SPLIT



R 32



INVERTER



Wi-Fi Standard

MULTI SPLIT



18.000 - 42.000 BTU



R 32



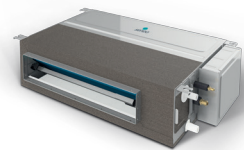
wall unit
IKAROS



INVERTER



cassette unit



duct unit



ceiling and floor unit


Connecting an external unit with multiple air conditioning units of different types.

ONE FOR ALL
& ALL FOR ONE



Table of technical
characteristics
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LIGHT COMMERCIAL / MULTI SPLIT



▶ TABLES
OF TECHNICAL
CHARACTERISTICS



 **sendo**

External multi split air conditioning units

R 32



INVERTER



Model			SFM-18 OU2-AU2	SFM-27 OU3-AU2	SFM-42 OU5-AU1
System format			1 drives 2	1 drives 3	1 drives 5
Capacity	Cooling	Btu / h	18084 (6824 - 19892)	26955 (7848~29650)	40944 (9451~43332)
		kW	5,3 (2,0 - 5,83)	7,9 (2,3 ~ 8,69)	12 (2,77 ~ 12,7)
	Heating	Btu / h	19107 (7541 - 21017)	27978 (8359~30776)	44356 (10100~43673)
		kW	5,6 (2,21 - 6,16)	8,2 (2,45 ~ 9,02)	13 (2,96 ~ 12,8)
Electric data	Power supply	V~, Hz, Ph	220 ~ 240, 50, 1	220 ~ 240, 50, 1	220 ~ 240, 50, 1
	Cooling power input	W	1750 (280 - 2300)	2460 (560 - 3400)	4317 (750 ~ 5450)
	Heating power input	W	1540 (280 - 2300)	2270 (560 - 3400)	3750 (600 ~ 4350)
	Rated current (cooling & heating)	A	7,6 / 6,7	10,7 / 9,8	20,6 / 16,5
	Max. current	A	11	16	24,5
	Max. power	KW	2,3	3,4	5635
Performance	SEER / SCOP	W / W	7,07 / 4,08 (F)	6,30 / 4,04 (F)	6,10 / 4,00
	SEER / SCOP	W / W	7,08 / 4,06 (L)	6,29 / 4,04 (L)	6,10 / 4,00
	Energy rate		A++ / A+	A++ / A+	A++ / A+
	EER / COP	W / W	3,03 / 3,64	3,21 / 3,61	2,78 / 3,47
DC Inverter compressor	Model		KSM135D23UFZ	KTM240D57UKP	KTF310D43UMT
	Quantity		1	1	1
	Type		Rotary	Twin Rotary	Rotary
	Brand		GMCC	GMCC	GMCC
	Capacity	W	4245	7715	10010
	Input	W	1075	2085	2765
	Power supply	V~, Hz, Ph	220 ~ 240, 50, 1	220 ~ 240, 50, 1	220 ~ 240, 50, 1
	Rated current	A	7,1	9,5	5,38
	Operating frequency	Hz	60	60	60
	Refrigerant oil	ml	VG74 / 440ml	VG74 / 670ml	VG74 / 1000ml
	Frequency range		10 ~ 120 Hz	12 ~ 120 Hz	12 ~ 120 Hz
Outdoor fan motor DC Inverter	Model		D - 40 - 8	D - 65 - 8	D - 310 - 120 - 8A
	Type		DC Inverter	DC Inverter	DC Inverter
	Brand		WELLING	WOLONG	WOLONG
	Quantity		1	1	1
	Insulation class		B	B	E
	Safe class		IPX4	IPX4	IPX4
	Input power	W	60	85	150
	Output power	W	40	65	120
	Capacitor	uF	/	/	/
	Speed	r / min	850 - 350	870 - 350	940

The company reserves the right to change the technical characteristics without notice.



Model			SFM-18 OU2-AU2	SFM-27 OU3-AU2	SFM-42 OU5-AU1
Outdoor Fan	Material		Plastic	Plastic	Plastic
	Diameter	mm	Ø 421 x 117	Ø 470 x 140	Ø 550 x 125
	Fan quantity		1	1	1
Air flow volume		CFM	1353	1824	2471
		m ³ / h	2300	3100	4200
Noise level	Sound pressure noise level	dB (A)	55	58	61
	Sound power noise level	dB (A)	62	65	68
Dimension	Net dimension (W * D * H)	mm	800 x 315 x 545	834 x 328 x 655	985 x 395 x 808
	Packing dimension (W * D * H)	mm	920 x 400 x 620	945 x 435 x 725	1105 x 495 x 895
Weight	Net	kg	36	46	75
	Gross	kg	39	49	79
Refrigerant type / quantity	Type		R32	R32	R32
	Charged volume	kg	0,95	1,05	2,3
	Additional charge	(g / m)	20	20	20
Piping	Liquid side	mm (inch)	2 x 6,35 (1/4)	3 x 6,35 (1/4)	5 x 6,35 (1/4)
	Gas side	mm (inch)	2 x 9,52 (3/8)	3 x 9,52 (3/8)	5 x 9,52 (3/8)
	Max. length for all rooms (m)	m	40	60	60
	Max. length for one IU (m)	m	25	30	30
	Max. height difference between IU	m	15	15	15
	Max. height difference between IUs	m	10	10	10
Ambient temp (Cooling / heating)		°C	-10~52 / -15~24	-10~52 / -15~24	-10~52 / -15~24

External air conditioning units (universal type)

R 32  INVERTER 

Model		SND - 18AUFM - OD	
Power supply		V~, Hz, Ph	220 - 240 / 50 / 1
Capacity	Cooling	Btu / h	18000 (5200 - 19100)
		KW	5,00 (1,53 - 5,60)
	Heating	Btu / h	19100 (4800 - 21200)
		KW	5,60 (1,40 - 6,20)
Compressor DC Inverter	Μοντέλο		KSM135D23UFZ
	Τύπος		ROTARY
	Μάρκα		GMCC
	Χωρητικότητα	W	4245
	Είσοδος	W	1075
	Εύρος συχνοτήτων	Hz	10 - 120
	Ονομαστικό ρεύμα (RLA)	A	7,1
	Ψυκτικό λάδι	ml	440 (VG74)
Outdoor fan motor	Model		D - 40 - 8
	Brand		WELLING
	Outdoor power x fan quantity	W	40 x 1
	Capacitor	uF	/
	Speed	r / min	850
Air flow volume		CFM	1529
		m ³ / h	2600
Sound pressure noise level		dB (A)	55
Sound power noise level		dB (A)	64
Dimensions (W x D x H)	Net	mm	800 x 315 x 545
	Packing	mm	920 x 400 x 620
Weight	Net	kg	37
	Gross	kg	40
Refrigerant / quantity	Type		R32
	Charged Volume	kg	1,16
Design pressure		MPa	4,2
Refrigerant piping	Liquid side	mm (inch)	6,35 (1/4)
	Gas side	mm (inch)	12,70 (1/2)
	Drainage	mm	R3 / 4in (DN20)
	Max. length	m	30
	Max. height	m	20
Operation temperature range		°C	16 ~ 32
Ambient temperature range (cooling / heating)		°C	-10 ~ 52 / -15 ~ 24
Connection wiring	Power wiring (indoor)	mm ²	3 x 2,5
	Power wiring (outdoor)	mm ²	3 x 2,5
	Signal wiring	mm ²	5 x 1,5

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SND - 24AUFM - OD	SND - 36AUFM - OD	SND - 48AUFM - OD	SND - 60AUFM - OD
220 - 240 / 50 / 1	220 - 240 / 50 / 1	380 - 415 / 50 / 3	380 - 415 / 50 / 3
24000 (7400 - 28000)	36000 (9800 - 44300)	48000 (16224 - 49761)	55000 (16377 - 57000)
7,00 (2,16 - 8,20)	10,55 (2,9 - 13)	14,00 (4,76 - 14,58)	16,00 (4,80 - 16,7)
27300 (6800 - 31700)	38000 (8800 - 46000)	55000 (12900 - 55089)	58000 (16700 - 63100)
8,00 (1,98 - 9,30)	11,15 (2,6 - 13,5)	16,00 (3,78 - 16,15)	17,00 (4,90 - 18,50)
KTM240D57UKP	KTF310D43UMT	KTF400D66UMV	KTF400D66UMV
ROTARY	ROTOR	ROTOR	ROTOR
GMCC	GMCC	GMCC	GMCC
7715	10010	13100	13100
2085	2765	3465	3465
12 - 120	12 - 120	12 - 120	12 - 120
9,5	5,38	6,65	6,65
670 (VG74)	1000 (VG74)	1400 (VG74)	1400 (VG74)
D - 69 - 8	D - 310 - 120 - 8A	D - 310 - 69 - 8 310V / 内置	D - 310 - 69 - 8 310V / 内置
WELLING	WOLONG	WEILING	WEILING
69 x 1	120 x 1	69 x 2	69 x 2
/	/	/	/
870	940	780	780
2206	2353	4235	4235
3750	4000	7200	7200
58	57	60	60
66	66	70	70
900 x 350 x 700	970 x 395 x 805	940 x 370 x 1325	940 x 370 x 1325
1020 x 430 x 770	1105 x 495 x 895	1080 x 430 x 1440	1080 x 430 x 1440
51	72	100	100
55	76	108	108
R32	R32	R32	R32
1,4	2,54	3,6	3,6
4,2	4,2	4,2	4,2
9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
15,88 (5/8)	15,88 (5/8)	19,05 (3/4)	19,05 (3/4)
R3 / 4in (DN20)	R3 / 4in (DN20)	R3 / 4in (DN20)	R3 / 4in (DN20)
50	65	65	65
25	30	30	30
16 ~ 32	16 ~ 32	16 ~ 32	16 ~ 32
-10 ~ 52 / -15 ~ 24	-10 ~ 52 / -15 ~ 24	-10 ~ 52 / -15 ~ 24	-10 ~ 52 / -15 ~ 24
3 x 2,5	3 x 2,5	3 x 2,5	3 x 2,5
3 x 2,5	3 x 2,5	5 x 2,5	5 x 4,0
5 x 1,5	5 x 1,5	5 x 1,5	5 x 1,5



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