

MONOSPLIT PAVIMENTO SOFFITTO ALCF PRESTAZIONI IN RAFFRESCAMENTO / RISCALDAMENTO



Sale Model	Indoor	ALCF-H18/NDR3HF	ALCF-H24/NDR3HF	ALCF-H36/NDR3HF	ALCF-H42/NDR3HF	ALCF-H48/SDR3HF	ALCF-H60/SDR3HF	
	Outdoor	AL-H18/NDR3A(U)	AL-H24/NDR3A(U)	AL-H36/NDR3A(U)	AL-H42/NDR3A(U)	AL-H48/SDR3A(U)	AL-H60/SDR3A(U)	
Factory Model	Indoor	ALCF-H18A4F2/R3VDS1-C2	ALCF-H24A4F3/R3VDS1-C2	ALCF-H36A4F5/R3VDS1-C2	ALCF-H42A4F5/R3VDS1-C2	ALCF-H48A5F5/R3VDS1-C2	ALCF-H60A5F5/R3VDS1-C2	
	Outdoor	AL-H18A4/R3VDS1-C2	AL-H24A4/R3VDS1-C2	AL-H36A4/R3VDS1-C2	AL-H42A4/R3VDS1-C2	AL-H48A5/R3VDS1-C2	AL-H60A5/R3VDS1-C2	
Code	Indoor	16109022000080	16109022000079	16109022000092	16109022000117	16109022000081	16109022000116	
	Outdoor	16107022000081	16107022000082	16107022000080	16107022000085	16107022000095	16107022000094	
IDU Power Supply	V~,Hz,Ph	220-240/50&60/1	220-240/50&60/1	220-240/50&60/1	220-240/50&60/1	220-240/50&60/1	220-240/50&60/1	
RESE	RAFFRESCAMENTO	Btu/h	18000 (5500-20500)	24000 (7400-28000)	36000 (9900-44400)	42000(9800-46000)	48000 (16200-49500)	55000(16241-59710)
		kW	5.3 (1.60-6.00)	7.03 (2.16-8.20)	10.55 (2.90-13.00)	12.10(2.90-13.50)	14.00 (4.76-14.50)	16.00(4.76-17.50)
	RISCALDAMENTO	Btu/h	19450 (4800-24600)	26000 (6800-31700)	38000 (8900-46000)	46000 (8800-51100)	54600 (16300-58000)	58000(16308-63122)
		kW	5.7 (1.40-7.20)	7.62 (1.98-9.30)	11.15 (2.60-13.50)	13.50 (2.60-15.00)	16.00 (4.78-17.00)	17.00(4.78-18.50)
Electric Data	Rated Cooling Power Input	W	1660 (480-2300)	2200 (670-3560)	3400 (710-4710)	4500 (710-5100)	5200 (1710-6700)	6110 (1710-6800)
	Rated Heating Power Input	W	1540 (470-2400)	2170 (650-3620)	3450 (470-4130)	4600 (470-5290)	5350 (1710-6900)	5900 (1710-7100)
	Rated Cooling Current	A	7.22 (2.30-10.30)	9.57 (3.21-15.63)	15.00 (3.20-21.5)	19.50 (3.20-22.30)	9.00 (1.50-15.00)	10.50(1.50-15.00)
	Rated Heating Current	A	6.7 (2.30-10.50)	9.42 (3.11-15.90)	15.5 (2.43-18.00)	20.00 (2.43-23.00)	10.00 (1.50-15.00)	11.00(1.50-15.00)
Performance	EER/COP	W/W	3.19/3.70	3.20/3.51	3.10/3.23	2.69/2.93	2.69/2.99	2.62/2.88
	SEER/SCOP	W/W	6.1/4.0	6.2/4.0	6.1/4.0	6.1/4.0	6.1/4.0	6.1/4.0
Indoor Fan Motor	Model		FP40D-ZL 310V	FP70D-ZL 310V	FP120D-ZL 310V	FP120D-ZL 310V	FP120D-ZL 310V	FP120D-ZL 310V
	Brand		wolong	wolong	wolong	wolong	wolong	wolong
	Output Power	W	40	70	120	120	120	120
	Capacitor	µF	/	/	/	/	/	/
	Speed (Hi/Mi/Lo)	r/min	950/790/ 690	1000/860/760	1250/1080/ 900	1250/1080/ 900	1250/1080/ 900	1280/1100/ 920
Indoor Coil	A.Number Of Row		3,0	3,0	3,0	3,0	3,0	3,0
	B.Tube Pitch(a)x Row Pitch(b)	mm	20.5×12.7	20.5×12.7	20.5×12.7	20.5×12.7	20.5×12.7	20.5×12.7
	C.Fin Pitch	mm	1,5	1,5	1,5	1,5	1,5	1,5
	D.Fin Material		Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic
	E.Tube Outside Dia.And Material	mm	Φ7,Inner grooved	Φ7,Inner grooved	Φ7,Inner grooved	Φ7,Inner grooved	Φ7,Inner grooved	Φ7,Inner grooved
	F.Coil Length x Height x Width	mm	691×307×38.1	971×307×38.1	1291×307×38.1	1291×307×38.1	1291×307×38.1	1291×307×38.1
	G.Number of circuit	/	4	5	7	7	7	7
Indoor Unit	Indoor Air Flow (Hi/Mi/Lo)	m <sup>3</sup> /h	900/720/600	1230/1020/840	1650/1500/1300	2040/1740/1440	2040/1740/1440	2160/1820/1480
		CFM	530/420/350	724/600/494	971/882/765	1250/1080/900	1250/1080/900	1320/1120/910
	Sound Pressure Noise Level	dB(A)	40/35/33	42/38/35	47/44/42	50/46/43	50/46/43	50/46/43
	Sound Power Noise Level	dB(A)	51	52	63	59	61	59
	Net Dimension (W*D*H)	mm	1000×690×235	1280×690×235	1600×690×235	1600×690×235	1600×690×235	1600×690×235
	Packing Dimension (W*D*H)	mm	1080×770×325	1360×770×325	1680×770×325	1680×770×325	1680×770×325	1680×770×325
	Net Weight	Kg	28	34	41	41	41	41
Refrigerant Pipe	Liquid Side	mm	6.35(1/4)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas Side	mm	12.7(1/2)	15.88(5/8)	15.88(5/8)	15.88(5/8)	19.05(3/4)	19.05(3/4)
	Drainage	mm	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)

1. Parameters above are all measured when the connecting pipe is 5 meters.

2. Parameters above may be modified as product improvement. We keep the right to change the product specifications without prior notice, please take the parameters listed on the nameplate as criterion

MONOSPLIT UNITA' ESTERNE PRESTAZIONI IN RAFFRESCAMENTO/RISCALDAMENTO



Model		AL-H18/NDR3A(U)	AL-H24/NDR3A(U)	AL-H36/NDR3A(U)	AL-H42/NDR3A(U)	AL-H48/SDR3A(U)	AL-H60/SDR3A(U)	
Power Supply	V~,Hz,Ph	220-240/50&60/1	220-240/50&60/1	220-240/50&60/1	220-240/50&60/1	380-415/50&60/3	380-415/50&60/3	
Max. Input Consumption	W	2400	3650	5370	5730	6800	7100	
Max. Current	A	12	16	23.5	24.9	15.0	15.0	
Max. Current	A	/	/	/	/	36.0	37.0	
RESE	RAFFRESCAMENTO	Btu/h	18000(5200-19100)	24000(7400-28000)	36000 (9800-44300)	42000 (9800-46000)	48000(16241-56298)	55000(16241-59710)
		KW	5.00(1.53-5.60)	7.00(2.16-8.20)	10.55 (2.9-13)	12.1 (2.9-13.5)	14.00(4.76-16.50)	16.00(4.76-17.5)
	RISCALDAMENTO	Btu/h	19100(4800-21200)	27300(6800-31700)	38000 (8800-46000)	46000 (8800-51100)	55000(16309-55104)	58000(16308-63122)
		KW	5.60(1.40-6.20)	8.00(1.98-9.30)	11.15 (2.6-13.5)	13.5 (2.6-15)	16.00(4.78-16.15)	17.00(4.78-18.50)
DC Inverter Compressor	Model		KSM135D23UFZ	KTM240D57UKP	KTF310D43UMT	KTF310D43UMT	KTF400D66UMVA	KTF400D66UMVA
	Type		ROTARY	ROTARY	ROTOR	ROTOR	ROTOR	ROTOR
	Brand		GMCC	GMCC	GMCC	GMCC	GMCC	GMCC
	Capacity	W	4245	7715	10010	10010	13100	13100
	Input	W	1075	2085	2765	2765	3465	3465
	Frequency range	Hz	10-120	12-120	12-120	12-120	12-120	12-120
	Rated Current(RLA)	A	7,1	9,5	5,38	5,38	6,65	6,65
Refrigerant Oil	ml	440 (VG74)	670 (VG74)	1000 (VG74)	1000 (VG74)	1400 (VG74)	1400 (VG74)	
Outdoor Fan Motor	Model		D-40-8	D-69-8	D-310-120-8A	D-310-120-8A	CW100A-ZL	CW100A-ZL
	Brand		WELLING	WELLING	WOLONG	WOLONG	Panasonic	Panasonic
	Output Power x Fan quantity	W	40×1	69×1	120×1	120×1	100×2	100×2
	Capacitor	µF	/	/	/	/	/	/
	Speed	r/min	850	870	940	940	780	780
	a.Number Of Row		2	2	3	3	2.5	2.5
	b.Tube Pitch(a)x Row Pitch(b)	mm	22×19.05	22×19.05	20.5×12.7	20.5×12.7	22×19.05	22×19.05
Coil	c.Fin Pitch	mm	1,4	1,5	1,5	1,5	1,6	1,6
	d.Fin Material		Hydrophilic aluminum fin	Hydrophilic aluminum fin	Hydrophilic aluminum fin	Hydrophilic aluminum fin	Hydrophilic aluminum fin	Hydrophilic aluminum fin
	e.Tube Outside Dia.And Mater	mm	φ7.94, Inner grooved	φ7.94, Inner grooved	φ7, Inner grooved	φ7, Inner grooved	φ7, Inner grooved	φ7, Inner grooved
	f.Coil Length x Height x Width	mm	835×506×38.1	860×660×38.1	957×759×38.1	957×759×38.1	891×1276×38.1+530×1276×19.05	891×1276×38.1+530×1276×19.05
	g.Number of circuit	/	4	6	6	6	10	10
	PORTATA ARIA	CFM	1529	2206	2353	2471	4235	4235
	m <sup>3</sup> /h	2600	3750	4000	4200	7200	7200	
Sound Pressure Noise Level	dB(A)	55	58	57	57	60	60	
Sound Power Noise Level	dB(A)	65	67	66	66	70	70	
Dimension(W×D×H)	Net	mm	800×315×545	900×350×700	970×395×805	970×395×805	940×370×1325	940×370×1325
	Packing	mm	920×400×620	1020×430×770	1105×495×895	1105×495×895	1080×430×1440	1080×430×1440
Weight	Net	kg	37	51	72	72	92	92
	Gross	kg	40	55	76	76	102	102
Refrigerant Type/Quantity	Type		R32	R32	R32	R32	R32	R32
	Charged Volume	kg	1,16	1,4	2,54	2,54	3,6	3,6
Design Pressure	MPa	4.2	4.2	4.2	4.2	4.2	4.2	
Refrigerant Piping	Liquid Side	mm	6.35(1/4)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas Side	mm	12.7(1/2)	15.88(5/8)	15.88(5/8)	15.88(5/8)	19.05(3/4)	19.05(3/4)
	Drainage	mm	R3/4in(DN20)	R3/4in(DN20)	R3/4in (DN20)	R3/4in (DN20)	R3/4in (DN20)	R3/4in (DN20)
	Max. Length	m	30	50	65	65	65	65
Max. Height	m	20	25	30	30	30	30	
Operation Temperature Range	°C	16-32	16-32	16-32	16-32	16-32	16-32	
Ambient Temperature Range(Cooling/Heating)	°C	-15~52/-15~24	-15~52/-15~24	-15~52/-15~24	-15~52/-15~24	-15~52/-15~24	-15~52/-15~24	
Specification of Wiring	Power Wiring (IDU)	mm <sup>2</sup>	/	/	/	/	/	
	Power Wiring (ODU)	mm <sup>2</sup>	3*2.5	3*2.5	3*4.0	3*4.0	5*2.5	5*2.5
	Connection Wiring(IDU&ODU)	mm <sup>2</sup>	3*1.5	3*1.5	3*1.5	3*1.5	3*1.5	
	Signal Wiring(IDU&ODU)	mm <sup>2</sup>	2*0.75	2*0.75	2*0.75	2*0.75	2*0.75	