



AUX Malaysia Official Website



AUX Malaysia



aux_malaysia



auxair.com/my

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R32
LIGHT COMMERCIAL
Inverter Series



Cassette



Ceiling Concealed



Ceiling & Floor



Outdoor Unit



GROUP PROFILE

Established in 1986, AUX Group is an enterprise group which covers several industries: air conditioning, power utilization, power distribution, new energy, medical service. For many years it has ranked China's top 500 enterprises.

AUX Group has over 30,000 employees and 14 manufacturing bases in Ningbo(3), Nanchang, Tianjin, Ma'anshan, Zhengzhou, Wuhu, Brazil, Indonesia, Thailand, Poland, Germany and Mexico, 6 R&D centers. AUX is a leading producer of Smart Meter and Power Box in its sector. Currently, it has invested and operated 46 medical institutions.

86

Billion Yuan

14

Manufacturing
Bases

1986

Founded

6

R&D Centers

2

Listed
Companies

Cassette



• Round-way Air Supply

Round flow panel make the air diffuse from 360° direction, and the temperature distribution is more uniform

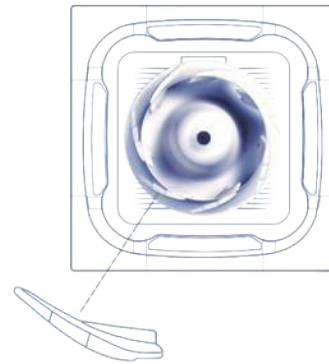


• Sleeping Mode

Turn on sleep mode at night, no need to worry about being too cold or too hot, and sleep comfortably all night long

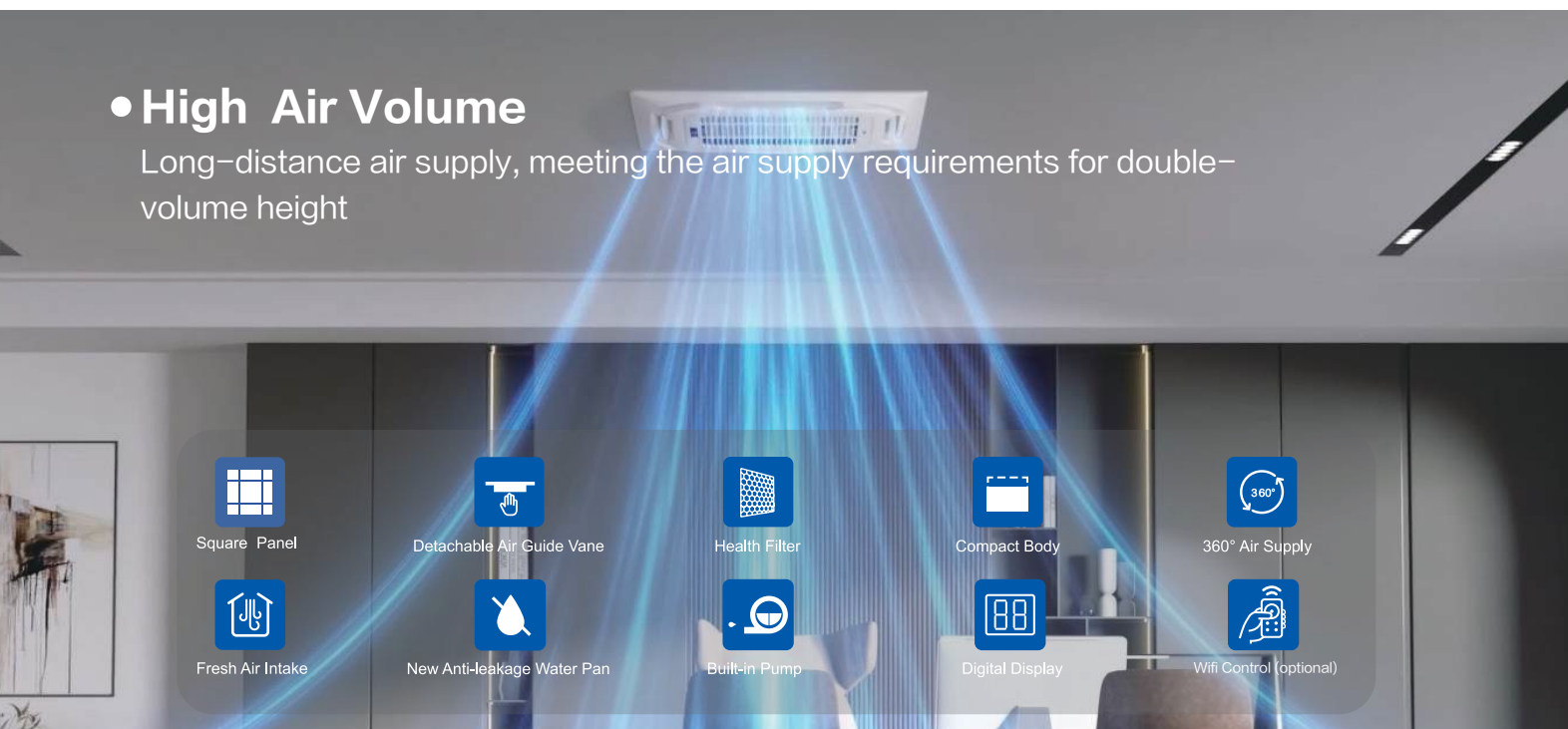
• Long Distance Air Supply

Adopting a large-diameter spiral wind wheel for larger air volume and lower noise



• High Air Volume

Long-distance air supply, meeting the air supply requirements for double-volume height

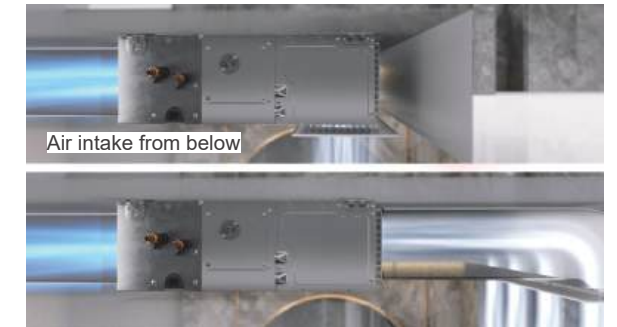


Ceiling Concealed



• Flexible Air Intake Options

Rear or bottom (optional) air intake for different installation requirements



• Standard Drainage Pump

Drainage Pump ensures high-efficiency drainage



• Removable Control Box

Independent structure design, convenient for maintenance, removed by 2 screws

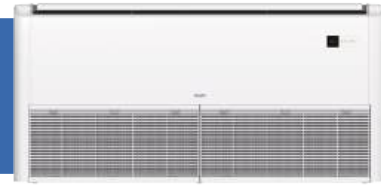


• Two Way Drainage Directions

Two ways of drainage direction, from left and right, which can meet different installation situations



Ceiling & Floor



• Strong Air Supply

Long-distance air supply,meet large room requirement



• Built-in Display Board

The Display Board is perfectly built-in and sealed, ensuring moisture-proof results and long lifespan



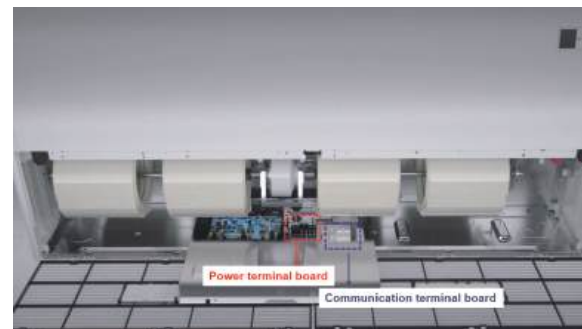
• Anti-condensation

Industry-leading anti-condensation insulation design of the air outlet



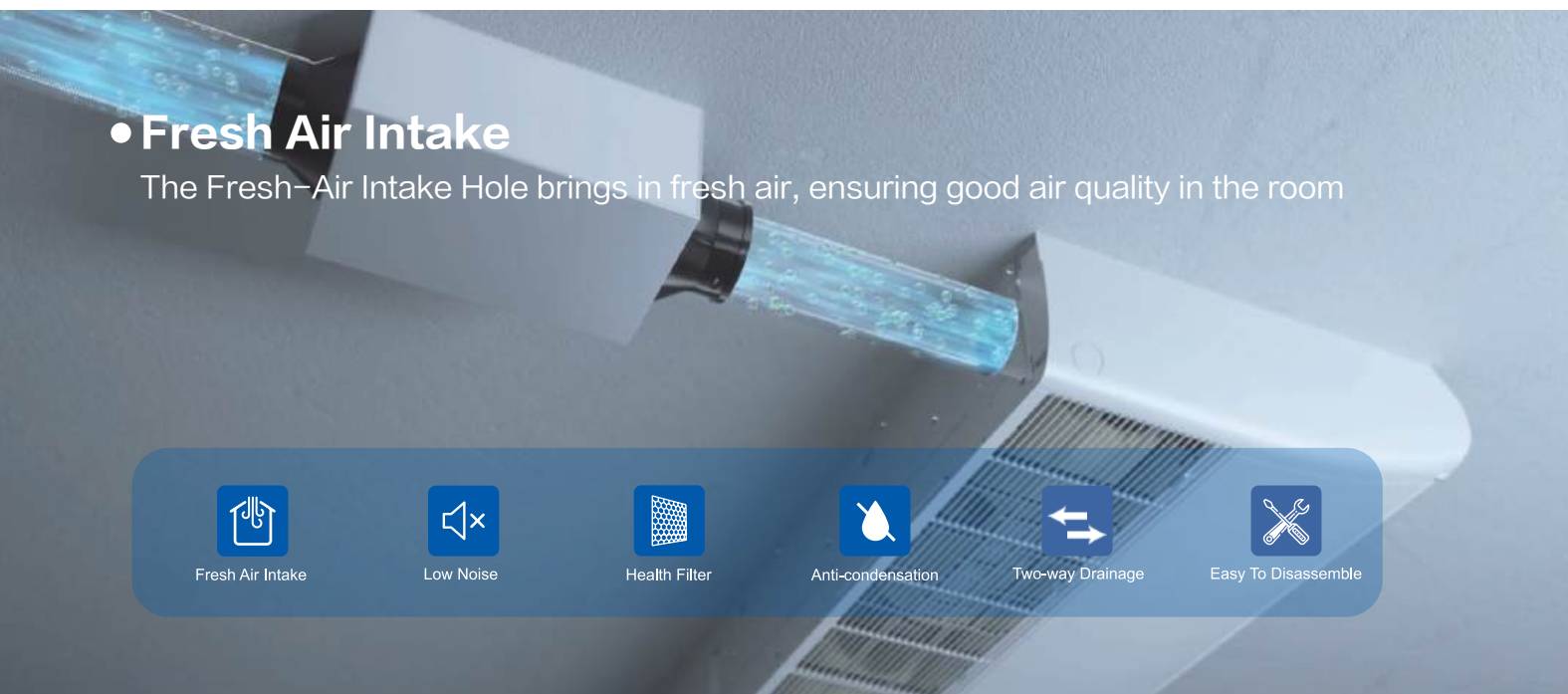
• Safe and Reliable

Separate design of power and communication terminal to ensure safety



• Fresh Air Intake

The Fresh-Air Intake Hole brings in fresh air, ensuring good air quality in the room



Fresh Air Intake



Low Noise



Health Filter



Anti-condensation



Two-way Drainage



Easy To Disassemble

Outdoor Unit

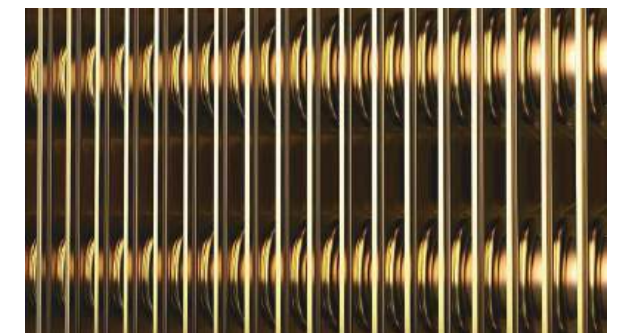
Saving 30%

• Inverter Compressor

The compressor adopts the latest DC inverter technology, which greatly improves the working performance and saves up to 30% energy, compared to non-inverter ones (Laboratory tests)

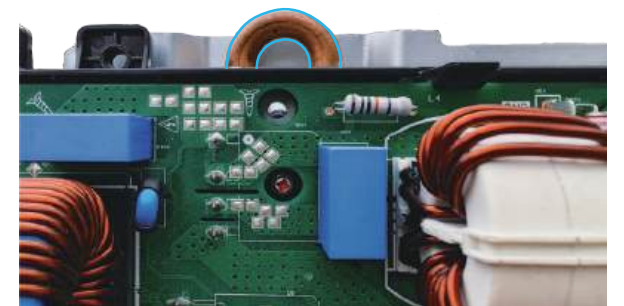
• Golden Anti-corrosion Fin

Better anti-corrosion performance compared to blue fin, especially for coastal areas



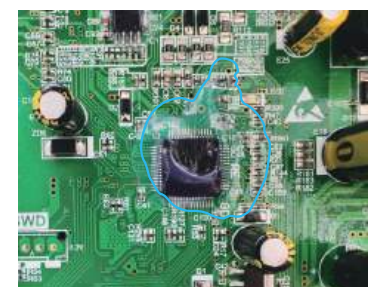
• Refrigerant-cooling PCB

The latest refrigerant cooling technology is adopted for Cassette, Ceiling & Floor and Ceiling Concealed models (48K) to improve the heat dissipation efficiency of the PCB, ensuring safe and stable operation of the PCB, and prolonging durability



• Coated Circuit Board

The circuit board is coated with protective coating to avoid the impact of humid air on the PCB and prolong its service life



Fast Cooling



Wide Temp. Range



Wide Voltage Range



Long Piping



High/Low Voltage Protection



Discharge Temp. Protection

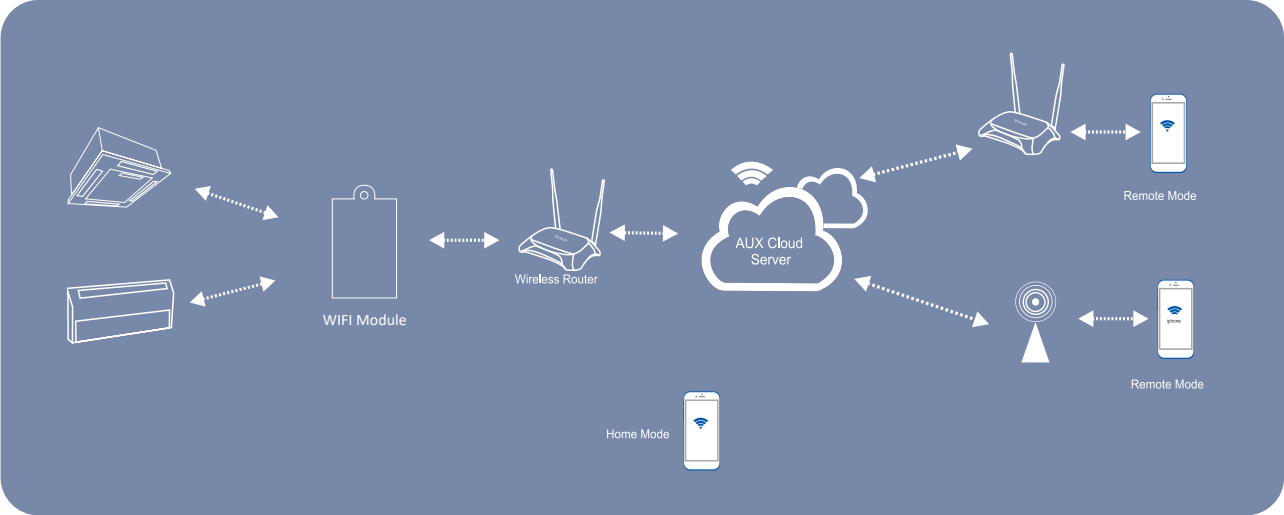


Refrigerant Pressure Protection

WIFI Module

• Wireless Network Control System (Optional)

Mixed connected with other indoor units



- 1. AUX air conditioner can connect to intelligent terminal through WIFI or GPRS network, customers can enjoy fun and convenience of remote to control the AC via iphone, ipad and other mobile terminals(Android and IOS) at anytime and anywhere
- 2. The function of software on Mobile terminal includes mode control, temperature control, swing control, timing control
- 3. Customers can set schedule to plan their day, also the scene mode can be set conveniently

Cassette



Model	Indoor		ALCA-C18/4DR3YAB	ALCA-C24/4DR3YAA-M
	Outdoor		AL-C18/4DR3YA(U)	AL-C24/4DR3YAA-M(U)
IDU Power Supply		V~,Hz,Ph	220-240V~,50Hz,1	220-240V~,50Hz,1
Capacity	Cooling	Btu/h	18000	24000
		kW	5.28(1.58~5.59)	7.03(2.16~7.25)
Electric Data	Rated Cooling Power Input	kW	1.60(0.43~1.90)	2.30(0.65~2.50)
	Rated Cooling Current	A	8.0(2.18~8.70)	10.20(2.82~10.90)
Indoor Unit	Indoor Air Flow (Hi/Mi/Lo)	m3/h	1100/950/800	1500/1200/1050
		CFM	647/559/471	882/706/618
	Noise Level(Hi/Mi/Lo)	dB(A)	42/39/36	46/42/39
Dimension (W×D×H)	Noise Power Level(Hi/Mi/Lo)	dB(A)	52/48/46	56/52/49
	Net(Body)	mm	840×840×246	840×840×246
	Packing(Body)	mm	910×910×310	910×910×310
	Net(Panel)	mm	950×950×55	950×950×55
Weight	Packing(Panel)	mm	1000×1000×100	1000×1000×100
	Net(Body)	kg	25	25
	Gross(Body)	kg	29	29
	Net (Panel)	Kg	5.3	5.3
Refrigerant Pipe	Gross (Panel)	Kg	7.8	7.8
	Liquid Side	mm	6.35	6.35
	Gas Side	mm	12.7	12.70

Model	Indoor		ALCA-C30/4DR3YAB	ALCA-C36/4DR3YAB	ALCA-C48/5DR3YAB
	Outdoor		AL-C30/4DR3YA(U)	AL-C36/4DR3YA(U)	AL-C48/5DR3YA(U)
IDU Power Supply		V~,Hz,Ph	220-240V~,50Hz,1	220-240V~,50Hz,1	220-240V~,50Hz,1
Capacity	Cooling	Btu/h	30000	36000	48000
		kW	8.79(2.72~9.45)	10.55(2.95~11.11)	14.07(4.76~14.20)
Electric Data	Rated Cooling Power Input	kW	2.70(0.48~3.50)	3.50(0.51~3.63)	5.20(1.21~6.10)
	Rated Cooling Current	A	12.50(2.11~16.00)	15.55(2.21~16.80)	9.00(2.50~10.50)
Indoor Unit	Indoor Air Flow (Hi/Mi/Lo)	m3/h	1500/1200/1050	1800/1450/1250	1900/1450/1250
		CFM	882/706/618	1059/853/735	1118/853/735
	Noise Level(Hi/Mi/Lo)	dB(A)	46/42/39	53/51/47	51/47/44
Dimension (W×D×H)	Noise Power Level(Hi/Mi/Lo)	dB(A)	56/52/49	63/61/57	61/57/54
	Net(Body)	mm	840×840×246	840×840×246	840×840×288
	Packing(Body)	mm	910×910×310	910×910×310	915×915×355
	Net(Panel)	mm	950×950×55	950×950×55	950×950×55
Weight	Packing(Panel)	mm	1000×1000×100	1000×1000×100	1000×1000×100
	Net(Body)	kg	25	25	28
	Gross(Body)	kg	29	29	32
	Net (Panel)	Kg	5.3	5.3	5.3
Refrigerant Pipe	Gross (Panel)	Kg	7.8	7.8	7.8
	Liquid Side	mm	9.52	9.52	9.52
	Gas Side	mm	15.88	15.88	15.88

Ceiling Concealed



Model	Indoor		ALLD-C18/4DR3YA	ALMD-C24/4DR3MB-M	ALMD-C36/4DR3MA	ALMD-C48/5DR3MA
	Outdoor		AL-C18/4DR3YA(U)	AL-C24/4DR3YAA-M(U)	AL-C36/4DR3YA(U)	AL-C48/5DR3YA(U)
IDU Power Supply		V~,Hz,Ph	220-240V~ ,50Hz,1	220-240V~,50Hz,1	220-240V~,50Hz,1	220-240V~,50Hz,1
Capacity	Cooling	Btu/h	18000	24000	36000	48000
		kW	5.28(1.58~5.59)	7.03(2.16~7.25)	10.55(2.95~11.11)	14.07(4.76-14.2)
Electric Data	Rated Cooling Power Input	kW	1.60(0.43~1.9)	2.30(0.65~2.50)	3.50(0.51~3.63)	5.20(1.21~6.10)
	Rated Cooling Current	A	8.0(2.18~8.70)	10.20(2.82~10.90)	15.55(2.21~16.80)	9.00(2.50~10.50)
Indoor Unit	Indoor Air Flow (T/H/M/L)	m3/h	900/720/650/520	1400/1250/1150/950	1450/1300/1170/1100	2400/2100/1850/1600
		CFM	529/424/382/306	824/735/676/559	853/765/688/647	1412/1235/1088/941
	Noise Level(T/H/M/L)	dB(A)	35/32/28/25	40/37/35/33	46/42/36/34	50/45/43/40
	Noise Power Level(T/H/M/L)	dB(A)	45/42/38/35	50/47/45/43	56/52/46/44	60/55/53/50
	External Static Pressure(Range/High)	Pa	0-60	0-120	0-160	0-160
	External Static Pressure(Rated/High)	Pa	25	25	37	50
Dimension (W×D×H)	Net(Body)	mm	1000×460×200	1000x700x245	1000x700x245	1400×700×245
	Packing(Body)	mm	1300×580×275	1230×830×300	1230×830×300	1630×830×300
Weight	Net(Body)	kg	23	27	30	40
	Gross(Body)	kg	27	32.5	36	46.5
Refrigerant Pipe	Liquid Side	mm	6.35	6.35	9.52	9.52
	Gas Side	mm	12.7	12.70	15.88	15.88



Ceiling & Floor

Model	Indoor		ALCF-C18/4DR3FA	ALCF-C24/4DR3FB-M	ALCF-30/4DR3FA-T	ALCF-C36/4DR3FA	ALCF-48/5DR3FA-T
	Outdoor		AL-C18/4DR3YA(U)	AL-C24/4DR3YAA-M(U)	AL-30/4DR3A-T(U)	AL-C36/4DR3YA(U)	AL-48/5DR3A-T(U)
IDU Power Supply		V~,Hz,Ph	220-240V~,50Hz,1	220-240V~,50Hz,1	220-240V~,50Hz,1	220-240V~,50Hz,1	220-240V~,50Hz,1
Capacity	Cooling	Btu/h	18000	24000	30000	36000	48000
		kW	5.28(1.58~5.59)	7.03(2.16~7.25)	8.79(2.72~9.45)	10.55(2.95~11.11)	14.07(4.76-14.8)
Electric Data	Rated Cooling Power Input	kW	1.60(0.43~1.9)	2.30(0.65~2.50)	2.9(0.48~3.50)	3.50(0.51~3.63)	5.4(1.70-6.5)
	Rated Cooling Current	A	8.0(2.18~8.70)	10.20(2.82~10.90)	13.5(2.11~16.0)	15.55(2.21~16.80)	9.0(2.5-10.5)
Indoor Unit	Indoor Air Flow (Hi/ Mi/Lo)	m3/h	950/700/560	1100/800/660	1450/1350/1100/900	1520/1260/800	2100/1740/1440
		CFM	559/412/329	647/471/388	853/794/647/529	894/741/471	1235/1024/847
	Noise Level(Hi/Mi/Lo)	dB(A)	44/38/33	45/40/35	48/46/42/39	50/46/42	51/49/46/42
Indoor Unit	Noise Power Level(Hi/Mi/Lo)	dB(A)	54/48/43	55/50/45	58/56/52/49	60/56/52	61/59/56/52
Dimension (W×D×H)	Net(Body)	mm	1000×690×235	1000×690×235	1280×690×235	1280×690×235	1600×690×235
	Packing(Body)	mm	1080×770×325	1080×770×325	1360×770×325	1360×770×325	1680×770×325
Weight	Net(Body)	kg	27	28	33	35	41.5
	Gross(Body)	kg	31.5	32	38	40	47
Refrigerant Pipe	Liquid Side	mm	6.35	6.35	9.52	9.52	9.52
	Gas Side	mm	12.7	12.70	15.88	15.88	15.88

Outdoor Unit



Model			AL-C18/4DR3YA(U)	AL-C24/4DR3YAA-M(U)	AL-C30/4DR3YA(U)
Power Supply		V~,Hz,Ph	220-240V~,50Hz,1	220-240V~,50Hz,1	220-240V~,50Hz,1
Air Flow Volume		CFM	1353	1941	2059
		m3/h	2300	3300	3500
Noise Level		dB(A)	52	54	57
Noise Power Level		dB(A)	62	64	67
Dimension (W×D×H)	Net	mm	709×536×280	825×335×655	900×350×700
	Packing	mm	825×345×595	945×435×725	1020×430×760
Weight	Net	kg	23	30	39
	Gross	kg	25	33	44
Refrigerant Piping	Liquid Side	mm	6.35	6.35	9.52
	Gas Side	mm	12.7	12.7	15.88
	Max. Length	m	20	30	30
	Max. Height	m	15	20	20

Model			AL-30/4DR3A-T(U)	AL-C36/4DR3YA(U)	AL-C48/5DR3YA(U)	AL-48/5DR3A-T(U)
Power Supply		V~,Hz,Ph	220-240V~,50Hz,1	220-240V~,50Hz,1	380-415V~,50Hz,3	380~415V~,50Hz,3
Air Flow Volume		CFM	2059	2059	2265	2265
		m3/h	3500	3500	3850	3850
Noise Level		dB(A)	57	57	58	58
Noise Power Level		dB(A)	67	67	68	68
Dimension (W×D×H)	Net	mm	900×360×700	900×350×700	970×395×803	970×395×805
	Packing	mm	1020×430×760	1020×430×760	1105×495×885	1105×495×885
Weight	Net	kg	40	45	62.5	62.5
	Gross	kg	44	48	67	67
Refrigerant Piping	Liquid Side	mm	9.52	9.52	9.52	9.52
	Gas Side	mm	15.88	15.88	15.88	15.88
	Max. Length	m	30	30	50	50
	Max. Height	m	20	20	30	30

- ※ AL-C48/5DR3YA(U): For Cassette & Ceiling Concealed
- ※ AL-48/5DR3A-T(U): For Ceiling & Floor



* The data from the AUX air conditioning laboratory center,the parameters in the table is the nominal value of the rated working conditions, it will be vary with the difference of working conditions, environment, regional differences

* Just for internal learing only