

7. Airco Cassette On/Off

Low Noise Fan



18k

New design of the vortex fan



24k/36k/48k/60k

The new vortex fan optimizes the air tunnel to lower noise and provide smoother air flow.

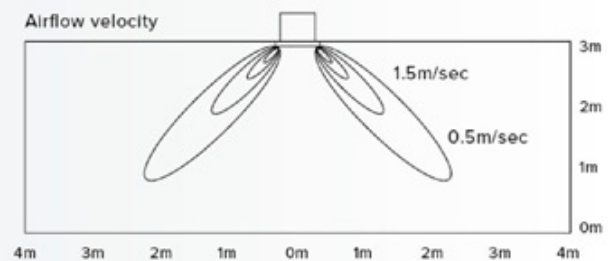
DC Fan Motor



- 24k/36k/48k/60k: The DC Fan Motor gives you high efficiency and energy savings.
- Low Noise: AC motors will produce low frequency noise during operation, but the DC motor eliminates this altogether.
- Stable operation

Temperature Compensation of Cassette

For the cassette type heating modes, most people don't always feel warm enough because the hot air stays at the top level. Airco cassette brings 4 level temperature compensation through a DIP switch.



7. Airco Cassette On/Off



18000 Btu/h



24000 Btu/h
36000 Btu/h



48000 Btu/h
60000 Btu/h



Indoor model:		AUD-18HX4SNL	AUD-24HX4SLH	AUD-36HX4SHH	AUD-48HX4SHH	AUD-60HX4SHH
Outdoor model:		AUW-18H4SU	AUW-24H4SZ	AUW-36H6SA	AUW-48H6SP	AUW-60H6SP
Performance						
Cooling Capacity (W)		5000	7450	10000	14000	16000
Heating Capacity (W)		5500	7500	11000	14800	17500
Rated Input (w)	Cooling	1550	2320	3550	4844	5694
	Heating	1550	2080	3650	4853	5814
Air Circulation (m ³ /h)		800	1100	1800	2000	2000
EER for Cooling (w/w)		3.23	3.21	2.81	2.89	2.81
COP for Heating (w/w)		3.55	3.61	3.01	3.05	3.01
Power Supply						
Volt/Phase/Hz		220-240V~/1P/50Hz	220-240V~/1P/50Hz	220-240V~/1P/50Hz	220-240V~/1P/50Hz	220-240V~/1P/50Hz
Rated Current (A)	Cooling	7.1	10.8	6.0	9.3	10.0
	Heating	7.1	10.0	6.5	9.3	10.3
Noise Level (dB (A))	Indoor Unit	46/35	36/43	50/45	52/46	52/46
	High/Low					
Piping						
Diameter(Liquid)	Inch	1/4	3/8	3/8	3/8	3/8
Diameter(Gas)	Inch	1/2	5/8	5/8	3/4	3/4
Max Length	m	15	20	30	50	50
Max Height	m	7.5	10	15	15	15
Other						
Dimensions W x H x D (mm)	Panel	650 x 30 x 650	950 x 37 x 950	950 x 37 x 950	950 x 37 x 950	950 x 37 x 950
	Indoor Unit	650 x 270 x 570	840 x 248 x 840	840 x 248 x 840	840 x 298 x 840	840 x 298 x 840
Net Weight (Kg)	Indoor Unit	2.4	6	6	6	6
	Panel	20	28	30	33	33
Packing Dimensions WxHxD(mm)	Indoor Unit	730 x 130 x 730	990 x 115 x 1010	990 x 115 x 1010	1010 x 115 x 990	1010 x 115 x 990
	Indoor Unit	770 x 310 x 750	930 x 290 x 930	930 x 290 x 930	930 x 340 x 930	930 x 340 x 930
Gross Weight (Kg)		5	7.5	7.5	7.5	7.5
		27	34	36	39	39
Loading Capacity (20'/40' /40' HC)		56/115/130	43/90/104	32/66/77	23/48/53	23/48/53

Remarks: 1. The above design and specifications are subject to change without prior notice for product improvement.
2.The values given in the table for noise level reflect the levels in anechoic chamber.

8. Airco Cassette Inverter

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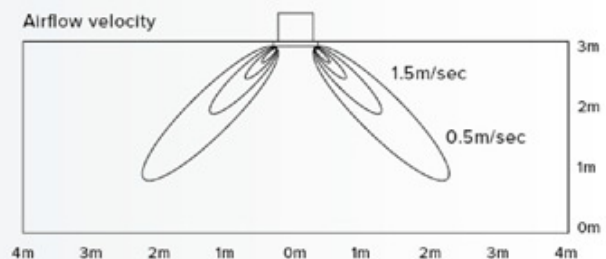
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8. Airco Cassette Inverter



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24000 Btu/h
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48000 Btu/h
60000 Btu/h



Indoor Model:	AUC-18UX4SAA	AUC-24UX4SEA	AUC-36UX4SEA	AUC-48UX4SFA	AUC-60UX4SFA
Outdoor Model:	AUW-18U4SG	AUW-24U4SZ	AUW-36U4SA	AUW-48U6SP	AUW-60U6SP
Performance					
Cooling Capacity (W)	5000(1870-5750)	6400(2200-7300)	10000(3600-10500)	12600(5500-13500)	17000(6200-18000)
Heating Capacity (W)	5600(1380-6600)	7000(2500-8200)	11500(3050-13800)	15000(4000-18000)	20000(5600-21000)
Rated Input (w)	1552	1910	3110	3720	5095
	1550	1920	3150	3950	5450
Air Circulation (m ³ Max)	850	1100	1600	2000	2400
EER for Cooling (w/w)	3.22	3.35	3.22	3.39	3.34
COP for Heating (w/w)	3.61	3.65	3.65	3.80	3.67
Power Supply					
Volt/Phase/Hz	220-240V~/1P/50Hz	220-240V~/1P/50Hz	220-240V~/1P/50Hz	380V~/3P/50Hz	380V~/3P/50Hz
Rated Current (A)	6.9	8.5	14.5	6.5	9.8
	6.9	8.5	15.0	7.0	10.3
Noise Level (dB (A))	High/Low	High/Low	High/Low	High/Low	High/Low
	46/42	41/28	50/42	49/43	49/43
Piping					
Diameter(Liquid)	Inch	3/8	3/8	3/8	3/8
Diameter(Gas)	Inch	1/2	5/8	5/8	3/4
Max Length	m	20	20	30	50
Max Height	m	10	10	20	30
Drain-up Height		1.2	1.2	1.2	1.2
Other					
Dimensions W x H x D (mm)	650 x 30 x 650	950 x 40 x 950	950 x 40 x 950	950 x 40 x 950	950 x 40 x 950
	570 x 270 x 570	840 x 250 x 840	840 x 270 x 840	840 x 298 x 840	840 x 298 x 840
Net Weight (Kg)	21	24	26	29	29
Packing Dimensions WxHxD(mm)	730 x 130 x 730	990 x 95 x 990	990 x 95 x 990	990 x 95 x 990	990 x 95 x 990
	750 x 360 x 690	930 x 290 x 930	930 x 290 x 930	930 x 340 x 930	930 x 340 x 930
Gross Weight (Kg)	25	30	32	35	35
Loading Capacity (20' /40' /40HQ)	56/115/130	43/90/101	32/66/77	23/48/53	23/48/53

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11. Airco Inverter Outdoors



Outdoor Unit:		AUW-18U4SG	AUW-24U4SG	AUW-36U4SG	AUW-48U6SP	AUW-60U6SP
Performance						
Power Supply						
Volt/Phase/Hz		220-240V~/1P/50Hz	220-240V~/1P/50Hz	220-240V~/1P/50Hz	380-415V~/3P/50Hz	380-415V~/3P/50Hz
Air Circulation (m ³ Max)		2700	3200	3500	6000	6000
Noise Level (dB (A))		56	58	58	60	60
Piping						
Diameter(Liquid)	Inch	1/4	3/8	3/8	3/8	3/8
Diameter(Gas)	Inch	1/2	5/8	5/8	3/4	3/4
Max Length	m	20	20	30	50	50
Max Height	m	10	10	20	30	30
Refrigerant Charge Volume	g	1270	1500	2100	3000	3500
Dimensions W x H x D (mm)						
Net Dimensions W x H x D (mm)	Outdoor Unit	800 x 560 x 260	900 x 640 x 300	950 x 840 x 340	950 x 1386 x 340	950 x 1386 x 340
Net Weight (Kg)	Outdoor Unit	35.5	50	70	101	108
Packing Dimensions W x H x D (mm)	Outdoor Unit	950 x 650 x 370	1060 x 700 x 410	1110 x 980 x 460	1110 x 1527 x 460	1110 x 1527 x 460
Gross Weight (Kg)	Outdoor Unit	39	56	74	107	112
Loading Capacity						
20' /40' /40HQ		11/228/304	90/186/186	52/106/106	26/53/53	26/53/53

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12. Airco On/Off Outdoors

R410A



18000 Btu/h



24000 Btu/h



36000 Btu/h



48000 Btu/h
60000 Btu/h

Outdoor Unit:		AUW-18H4SU	AUW-24H4SZ	AUW-36H6SA	AUW-48H6SP	AUW-60H6SP
Performance						
Power Supply						
Volt/Phase/Hz		220-240V~/1P/50Hz	220-240V~/1P/50Hz	380-415V~/3Ph/50Hz	380-415V~/3Ph/50Hz	380-415V~/3Ph/50Hz
Rated Input (w)	Cooling	1480	2250	3300	4251	5294
	Heating	1480	1990	3400	4132	5414
Rated Current (A)	Cooling	6.8	10.3	5.5	8.0	9.3
	Heating	6.8	9.2	6.0	7.8	9.6
Air Circulation (m ³ Max)		2700	3200	3500	6000	6000
Noise Level (dB (A))		55	58	60	62	62
Piping						
Diameter(Liquid)	Inch	1/4	3/8	3/8	3/8	3/8
Diameter(Gas)	Inch	1/2	5/8	5/8	3/4	3/4
Max Length	m	15	20	30	50	50
Max Height	m	7.5	10	15	15	15
Refrigerant Charge Volume	g	1200	1650	2100	3100	3400
Dimensions: W x H x D (mm)						
Net Dimensions W x H x D (mm)	Outdoor Unit	800 x 550 x 260	900 x 640 x 300	950 x 840 x 340	950 x 1386 x 340	950 x 1386 x 340
Net Weight (Kg)	Outdoor Unit	37	54	83	114	114
Packing Dimensions W x H x D (mm)	Outdoor Unit	930 x 620 x 360	1050 x 700 x 400	1110 x 980 x 460	1110 x 1530 x 460	1110 x 1530 x 460
Gross Weight (Kg)	Outdoor Unit	40	60	91	124	124
Loading Capacity						
20' /40' /40HQ		11/228/304	90/186/186	52/106/106	26/53/53	26/53/53

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