

Outdoor Unit



AUX
AIR CONDITIONER

Outdoor Unit



Product Lineup

Series	Appearance	Refrigerant	Type	12kBtu/h	18kBtu/h	24kBtu/h	30kBtu/h	36kBtu/h	42kBtu/h	48kBtu/h	60kBtu/h
Outdoor Units		R32	DC Inverter	•	•		•	•	•	•	•
Compact Cassette		R32	DC Inverter	•	•						
Cassette		R32	DC Inverter			•		•	•	•	•
Ceiling & Floor		R32	DC Inverter		•	•		•	•	•	•
Duct		R32	DC Inverter		•	•	•	•	•	•	

Features



WiFi Control



Central Control



Fast Cooling/Heating



Digital Tube Display



Auto Restart Function



Hydrophilic aluminum fin

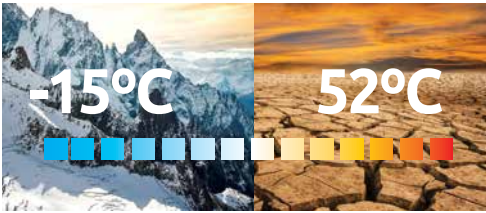
Project Tender



Outdoor Unit

Auto Restart Function

The operation state with all your preferred settings is restored following a power failure.



Wide Operation Range

Whether the temperature reaches as high as 52°C in the hot summer or down to -15C in the cold winter, AUX Commercial airconditioners function perfectly, making it feel like spring all year round!



High Quality Compressor

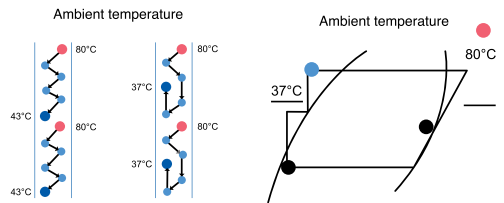
AUX cooperates with the leading compressor manufacturers across the globe, and by customizing the function of components, AUX guarantees the highest performance and reliability standards.

SEER:
A++

SCOP:
A+

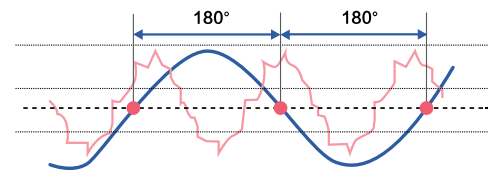
High Efficiency

Equipped with high efficiency DC Inverter compressor, adjustable fan motor and advanced 180° sine wave vector driver, the system can reach higher than 6.1 in SEER and 4.0 in SCOP meeting the European and Australian new energy efficiency standards.



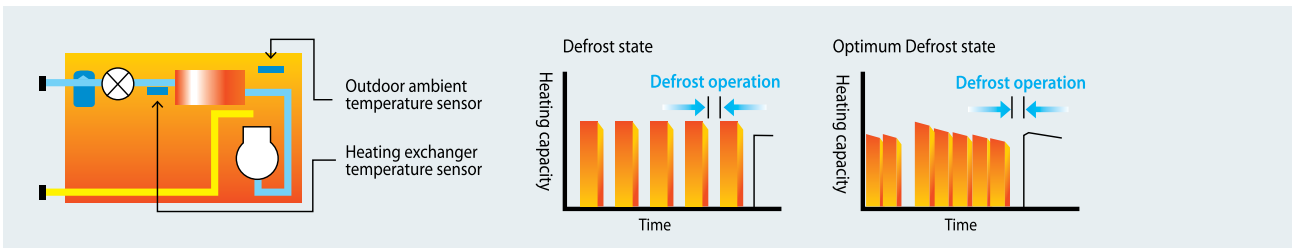
Optimized Pipeline Design

This design feature ensures the sub-cooling enhances the cooling capacity by separating the refrigerant inlet and outlet.



180° Sine Wave Control

DC inverter compressor uses 180° sine wave vector control technique, allowing smoother and more efficient operation of the compressor.



Intelligent Defrost

The defrosting time can be adjusted automatically according to the environmental temperature, reducing the defrosting time by up to 25%. The intelligent defrosting function enhances heating efficiency by 10%.



Outdoor Unit

Specifications

	AL-H12/NDR3HB2(U)	AL-H18/NDR3HB2(U)	AL-H24/NDR3HB2(U)	AL-H30/NDR3A(U)
Power Supply V~,Hz,Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Max. Input Consumption (W)	2100	2400	3650	5370
Max. Current (A)	9	12	16	23.5
Cooling Capacity (BTU/h)	12000 (4600-15000)	18000 (5200-19100)	24000 (7400-28000)	28660 (8490-31390)
Cooling Capacity (Kw)	3.60 (1.35-4.40)	5.00 (1.53-5.60)	7.00 (2.16-8.20)	8.40 (2.49-9.20)
Heating Capacity (BTU/h)	14300 (4200-18100)	19100 (4800-21200)	27300 (6800-31700)	30700 (9760-32760)
Heating Capacity (Kw)	4.20 (1.24-5.30)	5.60 (1.40-6.20)	8.00 (1.98-9.30)	9.00 (2.86-9.60)
Type - DC Inverter Compressor	ROTARY	ROTARY	ROTARY	ROTARY
Brand - DC Inverter Compressor	GMCC	GMCC	GMCC	GMCC
Capacity - DC Inverter Compressor (W)	3065	4345	7555	10010
Input - DC Inverter Compressor (W)	790	1100	2050	2765
Frequency range Hz	10-120	10-120	12-120	12-120
Brand	WELLING	WELLING	WELLING	WOLONG
Output Power x Fan quantity (W)	35×1	40×1	65×1	120×1
Speed (r/min)	950	900	850	940
Air Flow Volume (CFM)	1176	1529	2471	2353
Air Flow Volume (m3/h)	2000	2600	4200	4000
Sound Pressure Noise Level dB(A)	54	55	58	57
Sound Power Noise Level dB(A)	64	65	68	66
Dimension(W×D×H) - Net (mm)	709×280×536	785×300×555	900×350×700	970×395×805
Weight - Net (kg)	23	29	43	72
Refrigerant Type	R32	R32	R32	R32
Refrigerant Charged Volume (kg)	0.78	1.03	1.45	2.54
Design Pressure Mpa	4.2	4.2	4.2	4.2
Piping - Liquid Side (mm)	6.35(1/4)	6.35(1/4)	9.52(3/8)	9.52(3/8)
Piping - Gas Side (mm)	12.7(1/2)	12.7(1/2)	15.88(5/8)	15.88(5/8)
Water Piping - Drainage (mm)	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)
Piping - Max. Length (m)	25	30	50	50
Piping - Max. Height (m)	10	20	25	25
Operation Temperature Range °C	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
Power Wiring (Indoor) mm2	3*1.5	3*1.5	3*1.5	3*1.5
Power Wiring (Outdoor) mm2	3*2.5	3*2.5	3*2.5	3*2.5
Signal Wiring mm2	1*1.5	1*1.5	1*1.5	2*0.2

Project Tender



Outdoor Unit

Specifications

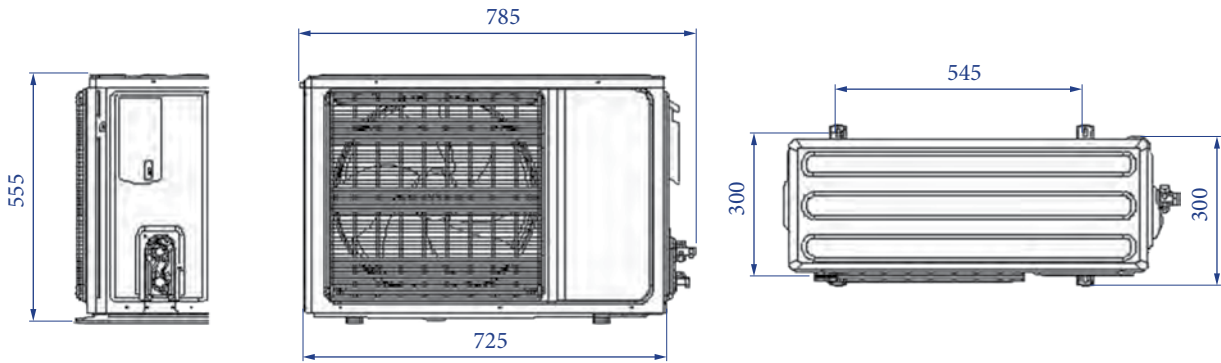
	AL-H36/NDR3A(U)	AL-H48/SDR3A(U)	AL-H60/SDR3A(U)
Power Supply V~, Hz, Ph	220-240/50/1	380-415/50/3	380-415/50/3
Max. Input Consumption (W)	5370	6800	6900
Max. Current (A)	23.5	27	27
Cooling Capacity (BTU/h)	36000 (9800-44300)	48000 (16241-56298)	55000 (16241-59710)
Cooling Capacity (Kw)	10.55 (2.9-13)	14.00 (4.76-16.50)	16.00 (4.76-17.5)
Heating Capacity (BTU/h)	38000 (8800-46000)	55000 (16309-55104)	58000 (16308-63122)
Heating Capacity (Kw)	11.15 (2.6-13.5)	16.00 (4.78-16.15)	17.00 (4.78-18.50)
Type - DC Inverter Compressor	ROTOR	ROTOR	ROTOR
Brand - DC Inverter Compressor	GMCC	GMCC	GMCC
Capacity - DC Inverter Compressor (W)	10010	13100	13100
Input - DC Inverter Compressor (W)	2765	3465	3465
Frequency range Hz	12-120	12-120	12-120
Brand	WOLONG	Panasonic	Panasonic
Output Power x Fan quantity (W)	120×1	100×2	100×2
Speed (r/min)	940	780	780
Air Flow Volume (CFM)	2353	4235	4235
Air Flow Volume (m3/h)	4000	7200	7200
Sound Pressure Noise Level dB(A)	57	60	60
Sound Power Noise Level dB(A)	66	70	70
Dimension(W×D×H) - Net (mm)	970×395×805	940×370×1325	940×370×1325
Weight - Net (kg)	72	92	92
Refrigerant Type	R32	R32	R32
Refrigerant Charged Volume (kg)	2.54	3.6	3.6
Design Pressure Mpa	4.2	4.2	4.2
Piping - Liquid Side (mm)	9.52(3/8)	9.52(3/8)	9.52(3/8)
Piping - Gas Side (mm)	15.88(5/8)	19.05(3/4)	19.05(3/4)
Water Piping - Drainage (mm)	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)
Piping - Max. Length (m)	65	65	65
Piping - Max. Height (m)	30	30	30
Operation Temperature Range °C	16~32	16~32	16~32
Ambient Temperature Range(Cooling/Heating) °C	-15~52/-15~24	-15~52/-15~24	-15~52/-15~24
Power Wiring (Indoor) mm2	3*1.5	3*1.5	3*1.5
Power Wiring (Outdoor) mm2	3*4	5*2.5	5*2.5
Signal Wiring mm2	2*0.2	2*0.2	2*0.2



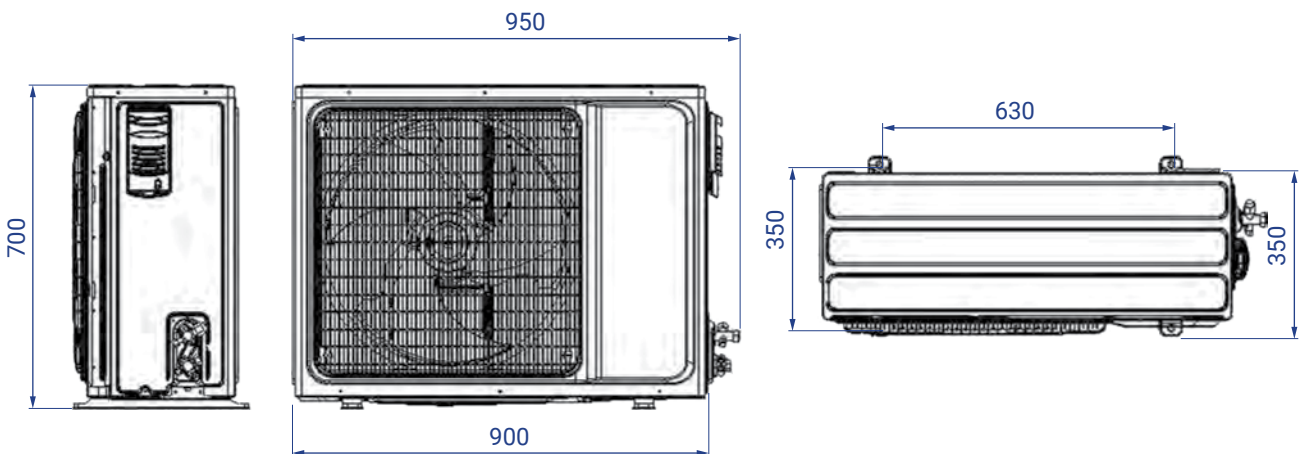
Outdoor Unit

■ Dimensions

■ 12K, 18K AUX-C-12CAO, AUX-C-18CAO



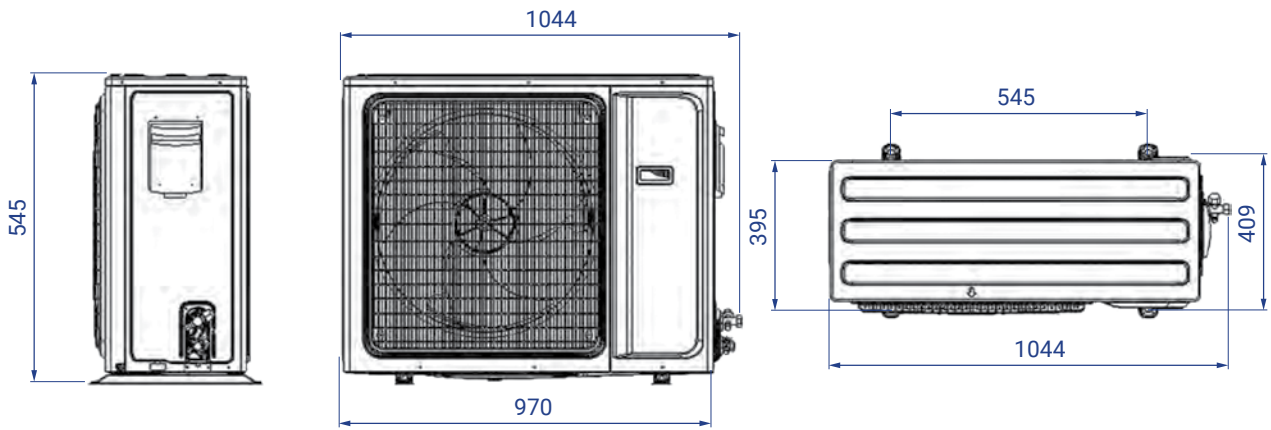
■ 24K AUX-C-24CAO



Outdoor Unit

■ Dimensions

■ **30K, 36K, 42K** AUX-C-30CAO, AUX-C-36CAO, AUX-C-42CAO



■ **48K, 60K** AUX-C-48CAO, AUX-C-60CAO

