AUX

AIR CONDITIONER

https: //auxair.com/ae/en

AUX UAE

aux.uae

Add: Unit 205-207, building JBC 4, cluster N, Jumeirah Lake Towers, Dubai, UAE

AUX

AIR CONDITIONER

RESIDENTIAL
LIGHT COMMERCIAL



UAE

GROUP PROFILE

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

In 2024, the group's sales reached AED 45.5 billion, with total assets of AED 35.3 billion. We have over 40,000 employees, and 15 manufacturing bases and 7 R & D centers worldwide. AUX is a leading producer of Smart Meter and Power Box in its sector. Currently, we have invested and operated 50 medical institutions.

It owns 3 listed companies (601567.SH, 02080.HK, 02580.HK). As a National-Recognized Enterprise Technology Center, a Technology Innovation Model Enterprise, National Intellectual Property Demonstration Enterprise and a National Post-doctoral Workstation, it owns two globally famous brands: AUX and Sanxing, which are worth over AED 28 billion①.

When AUX is working on its development, it also cares about performing its social responsibilities. In the past years, we have donated AED 154 million in total to various public programs, such as the field of targeted poverty alleviation, education, disaster relief and environment protection.

In the new era, aiming to become a world-class enterprise, AUX will keep carrying out the mission of "Leading smart living and cultivating great talents", and work hard to achieve the strategic goal of "100 billion market value, 100 billion sales and 10 billion profit".

Ref. AUX UAE Official Website: https://auxair.com/ae/en
Annotation: ① The data originates from World Brand Lab

44 Billion AED Revenue

40,000+ EMPLOYEES

1986 Founded

15 Manufacturing Bases

3 Listed. Companies

GROUP PROFILE

15 MANUFACTURING BASES


YINZHOU,NINGBO


GAOXIN,NINGBO


JIANGBEI,NINGBO


QIANWAN,NINGBO


ZHAN QI


BRAZIL


POLAND


GERMANY


MAANSHAN


MEXICO


NANCHANG


THAILAND


WUHU


INDONESIA

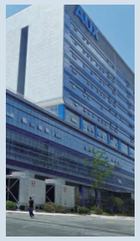

ZHENGZHOU

7 R&D CENTERS

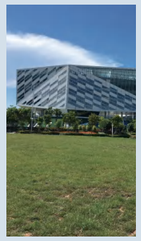

NANJING CHINA



HANGZHOU CHINA


NINGBO CHINA


KOBE JAPAN


ZHUHAI CHINA


SHENZHEN CHINA


QINGDAO CHINA

PRODUCT OVERVIEW



RESIDENTIAL AC

MODEL	12K	18K	24K	30K	36K
R32 Inverter	★	★	★		
R32 Inverter	★★	★★	★★	★★	★★
R410A Piston			★★	★★	★



LIGHT COMMERCIAL

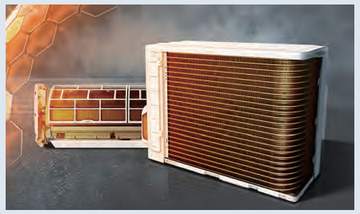
MODEL	18K	24K	30K	36K	48K	55K
Inverter Cassette	★	★		★	★	
Inverter Duct						

DC INVERTER Q-SERIES

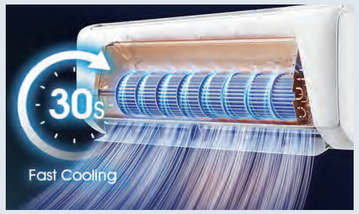
FAST Cooling · High Air Flow · Golden Fin · 4D Wind · Auto Cleaning · Refrigerant leaked protect · ECO · Easy Maintain · Easy Installation



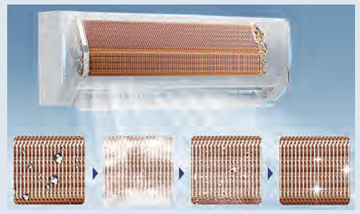
4D WIND



GOLDEN FIN



FAST COOLING



SELF CLEANING



60 DEG C OPERATION



EASY REMOVABLE PCB

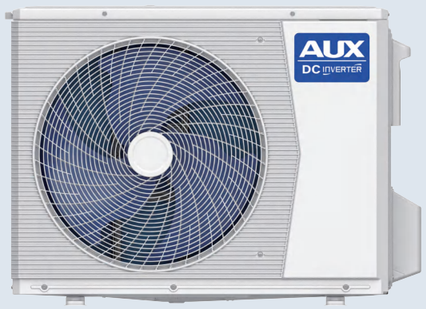
APPEARANCE

AUX COMPRESSOR 10 YEARS WARRANTY · AUX WHOLE UNIT 5 YEARS WARRANTY

Indoor Unit



Outdoor Unit



Remote Control



ONE STAR ★ | SPECIFICATIONS

CB

Model			ATW12A2DI-1AE	ATW18A4DI-1AE	ATW24A4DI-1AE
	Indoor				
	Outdoor		AT12A2DI-1AE	AT18A4DI-1AE	AT24A4DI-1AE
Power Supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50
Capacity	Cooling(T1)	Btu/h	12300	17400	22000
		W	3604	5100	6450
	Cooling Range(T1)	Btu/h	2729-14300	4456-19107	4456-22519
	Cooling(T3)	Btu/h	11600	15100	18590
		W	3400	4425	5450
Electric Data	Rated Cooling Power input(T1)	W	970	1520	1768
	Rated Cooling Current(T1)	A	4.5	7	7
	Rated Cooling Power Input(T3)	W	1300	1820	2224
	Rated Cooling Current(T3)	A	6	7.5	9.3
Performance	EER(T1)	(Btu/h)/W	12.68	11.45	12.44
		W/W	3.72	3.36	3.64
	EER(T3)	(Btu/h)/W	9.04	8.3	8.3
		W/W	2.65	2.43	2.45
Indoor Unit	Indoor Air Flow	m3/h	650	950	1250
	Noise Level	dB(A)	42	49	49
	Net Dimension (W*D*H)	mm	816*295*200	960*315*222	1089*328*227
	Net Weight	Kg	8.5	10.5	12.5
Outdoor Unit	Net Dimension (W*D*H)	mm	705*279*530	785*300*555	830*315*655
	Net Weight	Kg	23	26	30
	Refrigerant	Type	R32	R32	R32
	Compressor	Type	Rotary Inverter	Rotary Inverter	Rotary Inverter
	Liquid size	mm(inch)	6.4(1/4)	6.4(1/4)	6.4(1/4)
	Gas size	mm(inch)	9.52(3/8)	12.70(1/2)	15.88(5/8)
	Minimum	m	3	3	3
	Operating Temp. Range	℃	5-60	5-60	5-60

Remark:

- All specifications are subject to change by the manufacturer without prior notice.
- All units are being tested and comply to UAE.S5010 - 1.
- Sound pressure levels are measured in anechoic chamber. During actual operation, sound pressure level will be higher as a result of room specification condition.
- Data from AUX lab. 13/08/24. Data may change according to test surroundings. AUX reserves right of explanation on data.
- Cooling Capacity and Cooling Input Power (T1): Indoor Temperature 27˚C DB/19˚C WB; Ambient Temperature 35˚C DB/24˚C WB
- Cooling Capacity and Cooling Input Power (T3): Indoor Temperature 29˚C DB/19˚C WB; Ambient Temperature 46˚C DB/24˚C WB

DC INVERTER C-SERIES

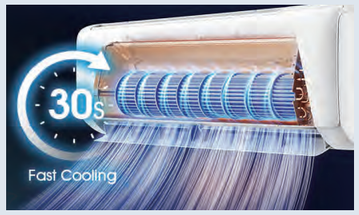
FAST Cooling · High Air Flow · Refrigerant Cooling · 4D Wind · Auto Cleaning · WIFI Function · ECO · Easy Maintain · Easy Installation



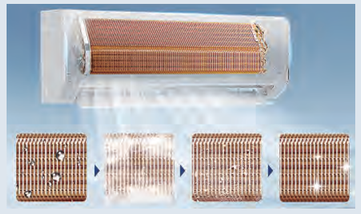
4D WIND
Airflows in all directions for full coverage



WIFI CONTROL
Wherever and whenever via the app.



FAST COOLING
Quick chill with high-frequency compression.



SELF CLEANING
Regular cleaning for more healthier air



STABLE PERFORMANCE
No significant capacity drop at up to 46˚C.
Designed to operate at up to 65˚C.



EASY INSTALLATION
Smart structure, Easy levelling.
One technician can install.

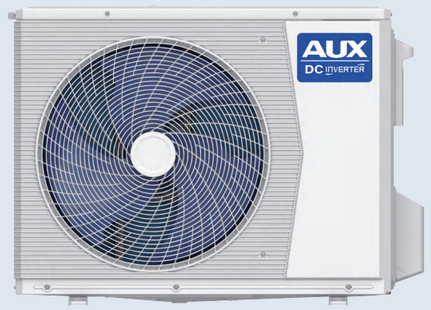
APPEARANCE

AUX COMPRESSOR 10 YEARS WARRANTY · AUX WHOLE UNIT 5 YEARS WARRANTY

Indoor Unit CA



Outdoor Unit



Remote Control



TWO STARS ★★ | SPECIFICATIONS

CB

Model			ATW12B4DI-2AE	ATW18A4DI-2AE	ATW24B4DI-2AE	ATW30A4DI-2AE	ATW36A4DI-2AE
	Indoor		ATW12B4DI-2AE	ATW18A4DI-2AE	ATW24B4DI-2AE	ATW30A4DI-2AE	ATW36A4DI-2AE
	Outdoor		AT12B4DI-2AE	AT18A4DI-2AE	AT24B4DI-2AE	AT30A4DI-2AE	AT36A4DI-2AE
Power Supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Capacity	Cooling(T1)	Btu/h	12600	18400	22200	30709	36000
		W	3700	5390	6500	9000	10600
	Cooling Range(T1)	Btu/h	2730-14330	4400-20800	6800-26000	5800-34100	9600-38200
	Cooling Capacity(T3)	Btu/h	12300	17040	20000	28622	33098
		W	3600	5000	5860	8400	9700
Electric Data	Cooling Power input(T1)	W	1000	1520	1780	2420	2880
	Cooling Current(T1)	A	5	6.5	8	11	13
	Cooling Power input(T3)	W	1330	1890	2220	3000	3630
	Cooling Current(T3)	A	6	8.5	10	14	16
Performance	EER(T1)	(Btu/h)/w	12.60	12.11	12.47	12.69	12.50
		w/w	3.69	3.55	3.66	3.72	3.66
	EER(T3)	(Btu/h)/w	9.25	9.02	9.01	9.55	9.12
		w/w	2.71	2.64	2.64	2.80	2.67
Indoor Unit	Indoor Air Flow	m3/h	680	1000	1300	1700	2000
	Noise Level	dB(A)	41/36/33/29	47/43/39/34	50/46/41/36	51/47/43/39	53/49/47/45
	Net Dimension (W*D*H)	mm	834*298*202	1002*318*223	1145*331*230	1240*350*244	1460*375*270
	Net Weight	Kg	8.5	11.5	13.5	16	20
Outdoor Unit	Net Dimension (W*D*H)	mm	705*279*530	830*315*655	830*315*655	900*360*700	970*395*805
	Net Weight	Kg	23	30	32	44	58
	Refrigerant	Type	R32	R32	R32	R32	R32
	Compressor	Type	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
	Liquid Size	mm(inch)	6.4(1/4)	6.4(1/4)	6.4(1/4)	6.4(1/4)	9.52(3/8)
	Gas Size	mm(inch)	9.52(3/8)	12.70(1/2)	15.88(5/8)	15.88(5/8)	15.88(5/8)
	Minimum	m	3	3	3	3	3
	Operating Temp. Range	℃	5-65	5-65	5-65	5-65	5-65

Remark:

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- Cooling Capacity and Cooling Input Power (T1): Indoor Temperature 27˚C DB/19˚C WB; Ambient Temperature 35˚C DB/24˚C WB
- Cooling Capacity and Cooling Input Power (T3): Indoor Temperature 29˚C DB/19˚C WB; Ambient Temperature 46˚C DB/24˚C WB

PISTON

Large Air | Self-Diagnosis | Easy Maintain | Elegant Appearance | Fast Cooling | Directly Install PCB



FAST COOLING

Quick chill with high-frequency compression.



EASY REMOVABLE PCB



SELF-DIAGNOSIS



HIGH AIRFLOW

Powerful, long-distance and better air distribution.



STABLE PERFORMANCE

Designed to operate at up to 60˚C.



PISTON COMPRESSOR HEAVY DUTY

APPEARANCE

AUX COMPRESSOR 10 YEARS WARRANTY | AUX WHOLE UNIT 5 YEARS WARRANTY

Indoor Unit



Outdoor Unit



Remote Control



WALL MOUNTED AIR CONDITIONER

Model	Indoor		ATW24C4R1-1AE	ATW30A4R1-1AE	ATW36A4R1-1AE
	Outdoor		AT24C4R1-1AE	AT30A4R1-1AE	AT36A4R1-1AE
Power Supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50
Capacity	Cooling(T1)	Btu/h	24907	32001	32997
		W	7300	9378	9671
	Cooling Capacity(T3)	Btu/h	21800	27400	28300
		W	6389	8030	8294
Electric Data	Cooling Power input(T1)	W	2120	2700	2796
	Cooling Current(T1)	A	9.4	12.5	14
	Cooling Power input(T3)	W	2420	3030	3356
	Cooling Current(T3)	A	11	14	15.5
Performance	EER(T1)	(Btu/h)/w	11.75	11.85	11.80
		w/w	3.44	3.47	3.46
	EER(T3)	(Btu/h)/w	9.01	9.04	8.43
		w/w	2.64	2.65	2.47
Indoor Unit	Indoor Air Flow	m3/h	1650	2000	2000
	Noise Level	dB(A)	51	53	54
	Net Dimension (W*D*H)	mm	1250*360*253	1460*375*270	1460*375*270
	Net Weight	Kg	16	20	20
Outdoor Unit	Net Dimension (W*D*H)	mm	970*370*803	970*395*805	970*395*805
	Net Weight	Kg	70	70	72.5
	Refrigerant	Type	R410A	R410A	R410A
	Compressor	Type	Piston	Piston	Piston
	Liquid Size	mm(inch)	6.4(1/4)	6.4(1/4)	6.4(1/4)
	Gas Size	mm(inch)	15.88(5/8)	15.88(5/8)	15.88(5/8)
	Minimum	m	3	3	3
	Operating Temp. Range	℃	5~60	5~60	5~60

Remark:

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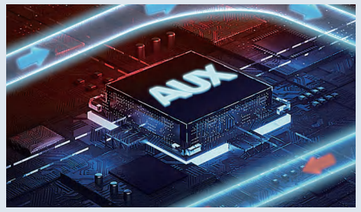
- Cooling Capacity and Cooling Input Power (T3): Indoor Temperature 29˚C DB/19˚C WB; Ambient Temperature 46˚C DB/24˚C WB

R32 DC INVERTER CEILING CONCEALED

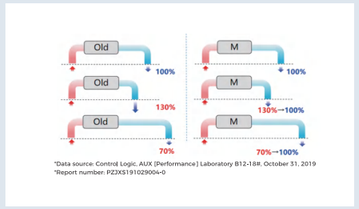
Fresh air intake | Ultra-thin design | Botton Air Return (Optional) | Dual side drainage | Adjustable static pressure | Easy Removable & Washable Filter



Refrigerant Cooled PCB

Reduce the operation temperature of PCB , prevent the PCB from overheating to make sure it can run steadily

(*Only for 36/48/55K)



*Data source: Control Logic, AUX (Performance) Laboratory B12-18#, October 31, 2019
*Report number: PZ2KS191029004-0

Wide Range of Static Pressure Setting

Adaptable to a wide range of ESP setting, 0-160Pa suitable for different application needs.

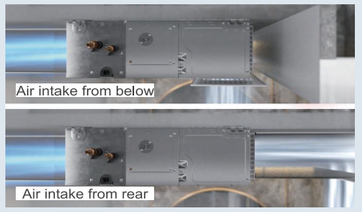
*18-36K manual &
48-55K automatic (optional)



Two Way Drainage

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

(*Only for 24/30/36/48/55K)



Flexible Air Intake Options

Two types of air intake, from rear and bottom (optional), which can meet different decoration requirements

(*Only for 18/24/30/36K)



WI-FI Control (standard)

Room Card Control (3rd-party equipment*)

Various Control Options

Meet different control needs

*Room Card and Card Reader are not provided by AUX.



Removable Control Box

Independent structure design, so it's convenient for us to maintain by screwing off screws to remove it

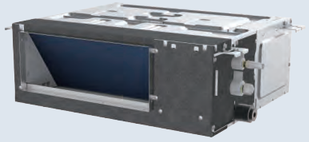
(*Only for 18/24/30/36K)

APPEARANCE

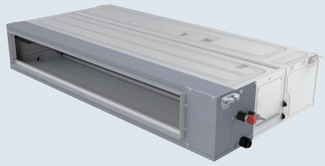
AUX COMPRESSOR 5 YEARS WARRANTY COMMERCIAL

AUX WHOLE UNIT 3 YEARS WARRANTY COMMERCIAL

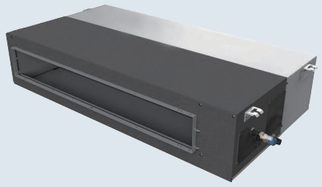
Indoor Unit



18k



24k | 30k | 36K



48k | 55k

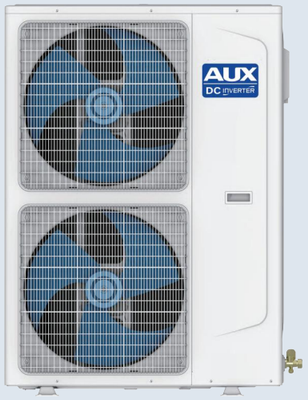
Outdoor Unit



18k | 24k



30k | 36k



48k | 55k

SPECIFICATIONS

Model	Indoor		ALTLD-C18/NDR3QA	ALTMD-C24/NDR3MA	ALTMD-C30/NDR3MA	ALTMD-C36/NDR3MA	ALTMD-H48/NDR3HEC-1	ALTMD-H55/NDR3HEC-1
	Outdoor		ALT-C18/NDR3A	ALT-C24/NDR3A	ALT-C30/NDR3A	ALT-C36/NDR3A	ALT-H48/NDR3HC (U)-1	ALT-H55/NDR3HC (U)-1
Power Supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Capacity	Cooling(T1)	Btu/h	18000	24000	29000	34000	46100	52200
		W	5275	7034	8499	9965	13511	15299
	Max Cooling Capacity(T)	Btu/h	7800-20470	10610-26510	11770-34460	13780-38490	16600-50000	18800-59000
	Cooling(T3)	Btu/h	16000	22000	27500	32000	43000	47400
		W	4690	6450	8060	9400	12602	13900
Electric Data	Rated Cooling Power Input(T1)	W	1475	2011	2429	2859	3794	4279
	Rated Cooling Current(T1)	A	6.75	9.21	11.17	13.09	16.83	18.98
	Rated Cooling Power input(T3)	W	1861	2560	3161	3760	4943	5448
	Rated Cooling Current(T3)	A	8.52	11.71	14.47	17.21	21.93	24.17
Performance	EER(T1)	(Btu/h)/w	12.2	11.93	11.93	11.9	12.15	12.2
		w/w	3.85	3.50	3.50	3.49	3.56	3.58
	EER(T3)	(Btu/h)/w	8.6	8.6	8.7	8.53	8.7	8.7
		w/w	2.52	2.52	2.55	2.50	2.55	2.55
Indoor Unit	Indoor Air Flow(T/H/M/L)	m3/h	1050/850/700/600	1450/1300/1200/900	2100/1800/1500/1250	2100/1800/1500/1250	3100/2800/2500/2300	3100/2800/2500/2300
	Noise Level(T/H/M/L)	dB(A)	41/38135/33	43/41/38/36	44/42/40/38	44/42/40/38	50/48/46/44	50/48/46/44
	Net Dimension (W*D*H)	mm	1100X450X198	1000X700X245	1400X700X245	1400X700X245	1400x775x380	1400x775x380
	Net Weight	Kg	18.5	27.5	36.5	36.5	55.50	55.50
Outdoor Unit	Net Dimension (W*D*H)	mm	825×335×655	900×360×700	900×360×700	970×395×803	940×381×1325	940×381×1325
	Net Weight	Kg	30.5	36.5	41.5	57	80.5	86.5
	Refrigerant	Type	R32	R32	R32	R32	R32	R32
	Compressor	Type	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
	Liquid Size	mm(inch)	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 Size	mm(inch)	12.7(1/2)	15.88(5/8)	15.88(5/8)	15.88(5/8)	19.05(6/8)	19.05(6/8)
	Max. Length/Height	m	30/15	30/15	50/30	50/30	50/30	50/30
	Operating Temp. Range	℃	17~60	17~60	17~60	17~60	17~60	17~60

Remark:

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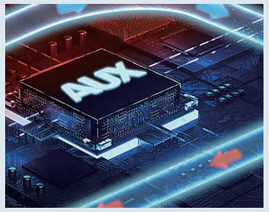
- All specifications are subject to change by the manufacturer without prior notice.
- Cooling Capacity and Cooling Input Power (T1):Indoor Temperature 27°C DB/19°C WB;Ambient Temperature 35°C DB/24°C WB
- Cooling Capacity and Cooling Input Power (T3):Indoor Temperature 29°C DB/19°C WB;Ambient Temperature 46°C DB/24°C WB

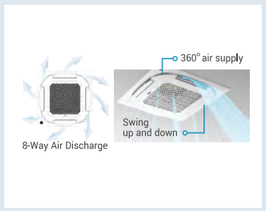
DC INVERTER CEILING CASSETTE

Golden Fin | WIFI Control | Built-in Drain Pump | Auto Restart Function | Long-term Filter | Sleep Mode



Refrigerant Cooled PCB

Reduce the operation temperature of PCB , prevent the PCB from overheating to make sure it can run steadily



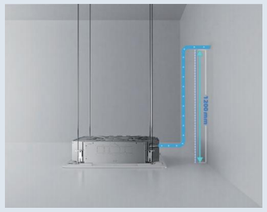
360 Air Supply

Distribute cool air uniformly via 8 air outlets to provide 360 air supply for all-rounded cooling comfort.



Fresh air inlet

Fresh air inlet design, fresh air can be introduced to ensure fresh air in the room



Water pump

The DC water pump is powerful and has a head as high as 1200 millimeters,adapt to more



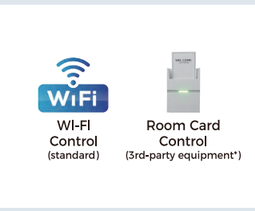
Auto clean

Automatic cleaning of evaporator, cleaning of dust and dirt, healthy and comfortable



Big air volume

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



Various Control

Meet different control needs

*Room Card and Card Reader are not provided by AUX.



Sleeping mode

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

APPEARANCE

AUX COMPRESSOR 5 YEARS WARRANTY COMMERCIAL
AUX WHOLE UNIT 3 YEARS WARRANTY COMMERCIAL

Indoor Unit



18k | 24k



36k | 48k

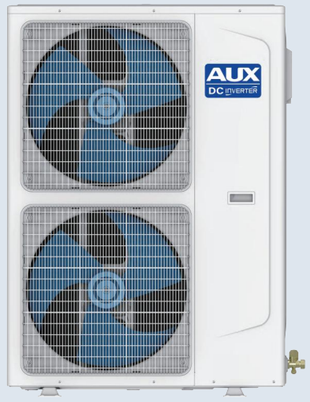
Outdoor Unit



18k | 24k



36k



48k

SPECIFICATIONS

CB

MODEL				ALTCA-H18/NDR3HQCB-1	ALTCA-H24/NDR3HQCB-1	ALTCA-H36/NDR1YB-1	ALTCA-H48/SDR1YB-1
	Indoor			ALTCA-H18/NDR3HC(U)-1	ALTCA-H24/NDR3HC(U)-1	ALTCA-H36/NDR1B(U)-1	ALT-H48/SDR1(U)-1
Power Supply			V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50
Capacity	Cooling(T1)		Btu/h	18500	25500	33000	42000
			W	5422	7474	9672	12310
	Max Cooling Capacity(T)		Btu/h	8000-21100	10900-26800	13300-36200	18100-52000
	Cooling(T3)		Btu/h	16100	22000	29000	39500
			W	4718	6448	8500	11577
Electric Data	Rated Cooling Power Input(T1)		W	1529	2125	2773	3621
	Rated Cooling Current(T1)		A	7	9	12	6
	Rated Cooling Power input(T3)		W	1872	2588	3372	4759
	Rated Cooling Current(T3)		A	8	11	15	8
Performance		EER(T1)	(Btu/h)/w	12.9	12	11.9	11.6
			w/w	3.78	3.52	3.49	3.40
		EER(T3)	(Btu/h)/w	8.6	8.49	8.6	8.3
			w/w	2.52	2.49	2.52	2.43
Indoor Unit	Indoor Air Flow(T/H/M/L)		m3/h	1150/1000/850/700	1500/1350/1200/1050	2000/1700/1600	2000/1700/1600
	Noise Level(T/H/M/L)		dB(A)	41/39/37/35	42/40/38/36	53/50/48	54/52/48
	Net Dimension (W*D*H)		mm	840×840×245	840×840×245	840×840×288	840×840×288
	Net Weight		Kg	21	21	30	30
Outdoor Unit	Net Dimension (W*D*H)		mm	825×335×655	900×360×700	970×395×805	940×381×1325
	Net Weight		Kg	31	42	61	87.5
	Refrigerant		Type	R32	R32	R410a	R410a
	Compressor		Type	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
	Liquid Size		mm(inch)	6.35(1/4)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas Size		mm(inch)	12.7(1/2)	15.88(5/8)	15.88(5/8)	19.05(3/4)
	Max. Length/Height		m	20/15	30/15	50/30	50/30
	Operating Temp. Range		℃	17~60	17~60	17~60	17~60

Remark:

- Data from AUX lab, Data may change according to test surroundings, AUX reserves right of explanation on data.
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