



AUX

AUX  
PRODUCT CATALOG  
UNITED STATES

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2023

# TABLE OF CONTENTS

## AUX Group

AUX Group Profile .....	P01-02
AUX Global .....	P03-04
Aux Development History .....	P05-06

## Size & Type

Size & Type .....	P07-08
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## C Series

Appearance .....	P09-10
Features .....	P11-19
Specifications .....	P20-22

## Multi-Zone Series

Features .....	P24-33
Specifications .....	P34-40

## Inverter Ducted Series

Features .....	P42-43
Specifications .....	P44-45





**AUX**



# ABOUT AUX

1 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, it has ranked among China's top 500 enterprises.

2 In 2024, the group's revenue reached USD 12.9 billion, with total assets of RMB 70.1 billion, and profit and tax exceeding USD 1.41 billion. It has over 40,000 employees and 15 manufacturing bases in Ningbo (5), Nanchang, Ma'anshan, Zhengzhou, Wuhu, Brazil, Indonesia, Thailand, Poland, Germany, and Mexico, as well as 7 R&D centers worldwide. AUX is a leading producer of Smart Meters and Power Boxes in its sector. Currently, it has invested in and operates 50 hospitals.

3 It owns 3 listed companies (Samsung Medical 601567.SH, AUX International 02080.HK, AUX Electric 02580.HK) and is recognized as a National-Recognized Enterprise Technology Center, a Technology Innovation Model Enterprise, a National Intellectual Property Demonstration Enterprise, and a permanent unit of a National Post-doctoral Workstation. It holds two globally famous brands, AUX and Sanxing, with a brand value exceeding RMB 56 billion<sup>①</sup>.

4 While pursuing its development, AUX also actively fulfills its social responsibilities. Over the years, we have donated a total of USD 49.2 million to various public programs, including targeted poverty alleviation, education, disaster relief, and environmental protection.

5 In the new era, aiming to become a world-class enterprise, AUX will continue carrying out its mission of "Leading smart living and cultivating great talents," and work hard to achieve the strategic goal of "USD 14.16 billion market value, USD 14.16 billion revenue, and USD 1.41 billion profit."

Annotation: ① The data originates from World Brand Lab.

# INTELLIGENT MANUFACTURING

15

Manufacturing Bases

7

R&D Centers



• Mexico



• Brazil

Exported to **150+** countries and regions  
over **400** cooperative customers



Industries: air conditioning, power utilization, power distribution, new energy, and medical service



Public welfare donation  
44 billion USD



In 2024, the group sales reached 13 billion USD. It has over 40,000 employees



## HONOR AND CERTIFICATION



IF DESIGN AWARD



reddot

RED DOT DESIGN AWARD



DEMONSTRATION ENTERPRISE



NATIONAL INDUSTRIAL DESIGN CENTER



INTERNATIONAL DESIGN EXCELLENCE AWARDS



ISO



ICC



TISI



CB



AHRI



ETL



ESMA



SASO



ROHS



EUROVENT



CE



EAC

# STARTUP & DEVELOPMENT (1986-2023)

## 1986

Zheng Jianjiang, at the age of 25, contracted Longguan Watch & Clock Parts Factory on the verge of insolvency and started business

## 1994

Entered the air-conditioning industry and created the brand of AUX  
Five-year growth of 1,000 times, becoming the country's top 4 in the air-conditioning industry

## 2006

Entered the medical industry and opened Zhejiang University Mingzhou Hospital  
A pioneer and cross-industry representative of hospital investment from the private sector

## 1989

Entered the meter industry and later created the brand of Sanxing  
500 times growth in three years, winning the national crown of electric meters  
Currently the integrated solution provider of intelligent power distribution/utilization

## 2000

Entered the real estate industry and laid out its operations in more than ten cities  
It is now a multi-format, comprehensive real estate developer

## 2013

Built a financial center in Shanghai to start the finance lease business

## 2015

Built overseas plants in Brazil and Indonesia. Developed overseas real estate in Australia Acquired a company in Hongkong Stock Exchange and renamed it as AUX International(02080.HK)

## 2019

The industry's first "on-line air conditioner direct sale" model.Thailand base officially concluded in August

## 2023

Vigorously promote the development of overseas own-brand products and establish sales companies in Malaysia, Thailand and the United States



## 2018

Prepared to build smart home appliance production bases in Thailand and Zhengzhou. Dedicated to making AUX Japanese R&D Center a global innovation center

## 2021

Official Air Conditioner Exclusive Supplier of the Asian Games: Became the official exclusive supplier of air conditioners for the 19th Asian Games Hangzhou 2022

## 2024

The Wuhu AUX Industrial Park and the Ningbo Qianwan Base officially started construction. The overseas strategy continued to be deeply implemented, with the establishment of sales companies in the United Arab Emirates, Vietnam, Saudi Arabia and several other countries.



# Size & Type For Every Need

## C-Series Single Zone



Series	Appearance	Refrigerant	Type	09k	12k	18k	24k	36k
Seer20		R32	208-230V/60Hz					
			115V/60Hz					
Seer22		R32	208-230V/60Hz					
			115V/60Hz					
Seer30		R32	208-230V/60Hz					

## Multi-Zone Series



Series	Appearance	Refrigerant	Type	18k	24k	30k	36k	42k
1 Drive 2		R32	208-230V/60Hz					
1 Drive 3		R32	208-230V/60Hz					
1 Drive 4		R32	208-230V/60Hz					
1 Drive 5		R32	208-230V/60Hz					

# C-SERIES



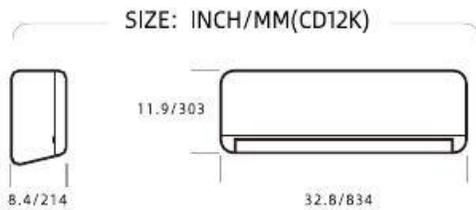
## Appearance



CA



CD



## Outdoor Unit



## Remote Controller



(SEER20 36K)

# C-SERIES



AUX

# C-SERIES PRODUCT FEATURES

## SOFT

Airflow through over 3000 microvents produces gentle airflow while preventing drafts for ultimate comfort. Perfect to use while sleeping

(Besides seer20 36K)  
Patent No.: 202330228912.4





# I-FEEL

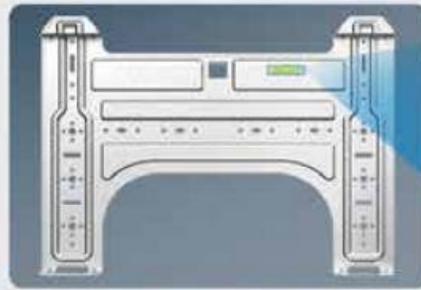
Sensor in the remote control allows the AC to adjust to the temperature based on the location of the remote, providing the ultimate comfort.

Sabbath support for all models (Seer20/22/30)





1) Installation Guide Diagram



2) Installation Plate



Built-in Level



3) Detachable Underjaw



4) Plate Support

# EASY INSTALLATION

With an installation guide, plate support and built-in level, installation can be done with only one technician instead of two reducing labor costs.

# I-CLEAN

Clean indoor and outdoor unit with new, 6 step thorough automatic washing to keep the units running like new

•Patent No.: 202210986708.3

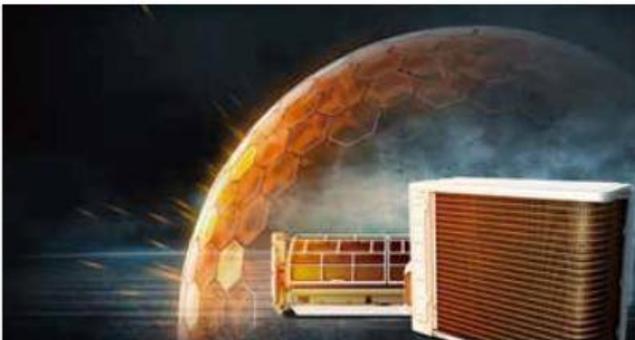




## LOW AMBIENT COOLING

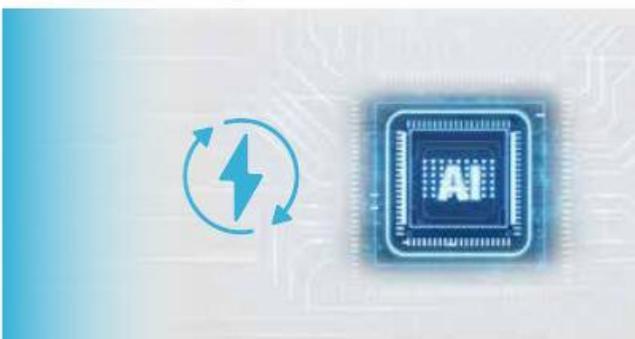
Low ambient cooling down to 5°F\*

\*Data from AUX lab, 05/03/24, Data may change according to test surroundings  
AUX reserves right of explanation on data



## GOLDEN FIN

Gold finned indoor and outdoor units help reduce corrosion and oxidation for enhanced durability.



## AUTO-RESTART

In the event of power outage, the system automatically restarts at the same settings when powered back on



## HIGHLY EFFICIENT AND ENERGY-SAVING

Inverter motor for improved efficiency and Energy Star certified, up to 13.6 for EER2 and 24.8 for SEER2

\*Data from AUX lab, 06/02/24, Data may change according to test surroundings  
AUX reserves right of explanation on data

# HIGH PERFORMANCE

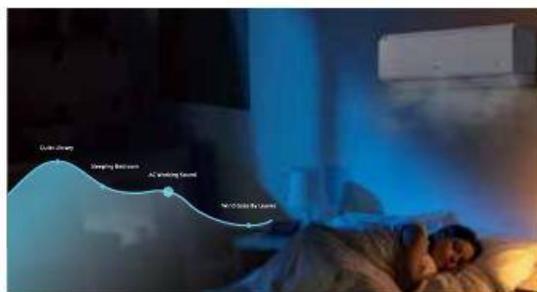
Even under extreme temperatures, performance is maintained.  
Temperature range from 125°F to -13°F

WT1-20240220214 | 2024.02.19 • WT6-2024010462 | 2024.01.27



## BASE PAN HEATER

Automatically turns on at 35.6 °F



## QUIET

Setting mode: Soft  
Low noise in indoor operation



## ECO ENERGY SAVING

Adjusting frequency according to the temperature difference at cooling mode, saving power and energy



## FILTER CLEANING REMINDER

Automatic filter cleaning reminder after 500 hours of operation, to ensure cleaner air. The display will show a CL code



## WIDE VOLTAGE

Operates under a voltage between 80V and 140V (115V model) and 125V and 265V (230V model) to adapt to any unstable voltage, protecting the PCB against power surge

115V model: 80V-140V 230V model: 125V-265V  
Data from AIX lab, 20/02/24. Data may change according to test surroundings. AIX reserves right of examination on date



## WIFI FUNCTION

Easily use the app from anywhere to adjust the temperature. Come home to a cool home



## 4D WIND

Multi-directional airflow blows up and down and left and right with 2 step motors



## VOICE CONTROL

Easily operate the AC from across with the room with your voice and simple commands

Voice commands: Hello Lisa!  
(Excluding SEER 20)



## FAST COOLING & HEATING

Compressor starts at high frequency, quickly improving cooling/heating efficiency



## HIGH AIRFLOW

Long-Distance Air Supply, Sufficient Cold Air, our air conditioners offer superior airflow volume, providing greater comfort

# FEATURES



SOFT

Airflow through thousands of micro vents produces a gentle, even breeze while minimizing drafts for enhanced comfort. Great for use while sleeping



WIDE WORKING TEMP

Wide temperature operation from -13°F to 125°F is possible



WIDE VOLTAGE

Operate under a voltage between 125V and 265V (230V model) to adapt to any unstable voltage, protecting the PCB against power surge

115V model: 80V-140V  
230V model: 125V-265V



THREE-PROOFING OF OUTDOOR UNIT PCB

UV adhesive cover to achieve anti-corrosion, lower failure rate, improve air conditioning service life



BASE PAN HEATER

When the temperature of the base pan is low, the chassis electric heating is automatically turned on to allow the water inside the chassis to be discharged normally



AUTO-RESTART

In the event of power outage, the system automatically restarts at the same settings when powered back on



FILTER CLEANING REMINDER

Automatic filter cleaning reminder after 500 hours of operation, to ensure cleaner air. The display will show a CL code



LOW CHARGE ALERT

In the event of refrigerant leakage, error code (P3), notifies service is needed



VOICE CONTROL

Operate AC with voice command, no need for a remote control and App  
Voice control is only available in English  
Voice commands: hello lisa  
(Excluding SEER 20)



EASY INSTALLATION

With an installation guide, plate support and built-in level, installation can be done with only one technician instead of two reducing labor cost



I-CLEAN

Clean indoor and outdoor unit with new, 6 step thorough automatic washing to keep the units running like new



I-FEEL

The remote control is equipped with a temperature sensor that can obtain the temperature around the user and adjust it

# FEATURES



WIFI  
FUNCTION

Easily use the app from anywhere to adjust the temperature. Come home to a cool home



LED  
DISPLAY

LED Display provides visual to user on set-point, actual air temperature, and any error codes



°C/°F

Switch by °C/°F button



KIDS  
LOCK

Kids mode to prevent kids using remote control



SOFT

Setting mode: Soft  
3206 micro vents disperse cold air, offering a more comfortable feeling to the body (24K)



SABBATH  
CLOCKS

Setting this function, the air conditioner will run automatically according to the logic. During Sabbath's Day, no buttons need to be touched



ANTI-FROST  
AUTOMATICALLY

Function: Automatic defrost  
Description: Automatically detect the frost status of the air conditioner, intelligent frost



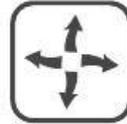
GOLDEN  
FIN

Better anti-corrosion coating for longer service life



SELF-  
DIAGNOSIS

Automatic recognition of controller and machine status, and cyclic reporting of corresponding fault codes based on actual scenarios



4D  
WIND

Multi-directional airflow blows up and down and left and right with 2 step motors



7 WIND  
SPEED

7 Speed:  
Turbo/High/Mid-High/Mid/Mid-Low/Low/  
Silent  
5 Speed: (seer20 36k)  
Low/Mid/High/Turbo/Auto



LOW-TEMPERATURE  
HEATING

Low-ambient heating provides additional heat in very cold climates



LOW-TEMPERATURE  
COOLING

Low-ambient cooling provides cooling in very cold climates (i.e. computer rooms, mechanical rooms)



FAST COOLING  
& HEATING

Compressor starts at high frequency, quickly improving cooling/heating efficiency

Indoor Unit

CA



Outdoor Unit



Remote control



SEER20-36K(9K)

## FEATURES

Micro Vent  
(Not in 20seer 36K)4D  
WindAuto  
CleaningEasy  
MaintenanceBase  
Pan HeaterEasy  
Installation

ECO

## SPECIFICATIONS

## C-SEER20

## CA

Model	AJAN09HP115V1C	AJAN09HP230V1C	AJAN12HP115V1C	AJAN12HP230V1C	AJAN18HP230V1C	AJAN24HP230V1C	AJAN36HP230V2C
Indoor Unit	AJAN09HP115V1CH	AJAN09HP230V1CH	AJAN12HP115V1CH	AJAN12HP230V1CH	AJAN18HP230V1CH	AJAN24HP230V1CH	AJAN36HP230V2CH
Outdoor Unit	AJAN09HP115V1CO	AJAN09HP230V1CO	AJAN12HP115V1CO	AJAN12HP230V1CO	AJAN18HP230V1CO	AJAN24HP230V1CO	AJAN36HP230V2CO
AHRI Certified Reference Number	214290025	214290013	214290026	214290031	214290028	214290029	215876499

## Cooling

Capacity	Rated	Btu/h	9100	9100	12000	12000	18000	24000	33600
Capacity Range	Min-Max	Btu/h	1700-12000	1700-12600	1700-13300	1700-13300	2900-20000	4300-25200	7500-35500
Power Input	Rated	W	800	758	1250	1212	1638	2050	3320
Dehumidifying		kg/h [lbs/h]	0.7 [1.5]	0.7 [1.5]	1 [2.2]	1 [2.2]	1.6 [3.5]	2.6 [5.7]	3.6 [7.9]

## Heating

Capacity at 47°F[8.3°C]	Rated	Btu/h	9500	10000	12300	12300	19100	24000	34000
Capacity Range	Min-Max	Btu/h	1700-14000	1700-14000	1700-15000	1700-15000	4400-22600	5300-27300	8300-42000

## Efficiency

SEER2	Btu/h/W	20	22	20	21	20	20	20
HSPF2(IV)	Btu/h/W	8.5	9.2	8.5	8.8	9	9	8.5
HSPF2(V)	Btu/h/W	7	7	7	7	6.4	8	7.5
EER2	Btu/h/W	11.4	12	9.6	9.9	11	11.9	10.1
COP	W/W	3.48	3.7	3.43	3.5	3.3	3.4	3.3

## Indoor Unit

Air Flow Rate (SH/H/M/L/Q)	m3/h[CFM]	600/530/480/430/300 [353/312/283/253/177]	600/530/480/430/300 [353/312/283/253/177]	650/590/540/490/330 [383/347/318/288/194]	650/590/540/490/330 [383/347/318/288/194]	1050/950/850/750/430 [618/559/500/441/253]	1250/1100/1000/850/560 [736/647/589/500/330]	1550/1380/1180/1060 [912/812/695/624]	
Weight	Net	kg [lbs]	8 [17.6]	8 [17.6]	8.5 [18.7]	8.5 [18.7]	11 [24.3]	14[30.9]	14 [30.9]
Dimension	Net	mm [in]	774*298*202 [30.5*11.7*8]	774*298*202 [30.5*11.7*8]	774*298*202 [30.5*11.7*8]	834*298*202 [32.8*11.7*8]	1002*318*223 [39.4*12.5*8.8]	1145*331*230 [45.1*13*9.1]	1145*335*245 [45.1*13*9.6]
	Packing	mm [in]	831*371*282 [32.7*14.6*11.1]	831*371*282 [32.7*14.6*11.1]	831*371*282 [32.7*14.6*11.1]	891*371*282 [32.2*14.6*11.1]	1070*385*312 [42.1*15.2*12.3]	1210*400*327 [47.6*15.7*12.9]	1207*403*342 [47.5*15.9*13.5]
Sound Pressure Level		dB(A)	41/36/34/31/26	41/36/34/31/26	43/40/36/33/27	43/40/36/33/27	49/46/42/37/29	50/48/44/39/33	51/48/44/39

## Outdoor Unit

Weight	Net	kg [lbs]	23.5 [51.8]	23.5 [51.8]	25 [55.1]	25 [55.1]	30 [66.1]	44 [97]	48 [105.8]
Dimension	Net	mm [in]	805*309*538 [31.7*12.2*21.2]	805*309*538 [31.7*12.2*21.2]	805*309*538 [31.7*12.2*21.2]	805*309*538 [31.7*12.2*21.2]	880*353*557 [30.9*13.9*21.9]	900*350*700 [34.6*13.9*27.6]	900*350*700 [35.4*13.8*27.6]
	Packing	mm [in]	825*345*595 [32.5*13.6*23.4]	825*345*595 [32.5*13.6*23.4]	825*345*595 [32.5*13.6*23.4]	825*345*595 [32.5*13.6*23.4]	903*382*615 [35.6*15*24.2]	1015*425*762 [40*16.7*30]	1015*425*762 [40*16.7*30]
Sound Pressure Level	Rated	dB(A)	51	51	52	52	53	58	59

## Piping

Diameter	Liquid(O.D.)	mm [in]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]
	Gas(O.D.)	mm [in]	9.52 [3/8]	9.52 [3/8]	9.52 [3/8]	9.52 [3/8]	12.7 [1/2]	15.88 [5/8]	15.88 [5/8]
Max.Length		m[ft]	20[65]	20[65]	20[65]	20[65]	30[100]	30[100]	30[100]
Min.Length		m[ft]	3[10]	3[10]	3[10]	3[10]	3[10]	3[10]	3[10]
Max.Height		m[ft]	15[50]	15[50]	15[50]	15[50]	20[65]	20[65]	20[65]

## Electrical

Outdoor-Indoor	V,ph,Hz	115,1,60	208/230,1,60	115,1,60	208/230,1,60	208/230,1,60	208/230,1,60	208/230,1,60
MCA	A	15	10	15	10	15	15	20
MOCP	A	25	15	25	15	20	25	35

## Refrigerant

Type		R32	R32	R32	R32	R32	R32	R32
Charge	g [oz]	640 [22.6]	600 [21.2]	640 [22.6]	600 [21.2]	980 [34.6]	1250 [44.1]	2050 [72.3]

## Guaranteed Temperature Operation Range

Cooling	°C[F]	-15-52[-5-125]	-15-52[-5-125]	-15-52[-5-125]	-15-52[-5-125]	-15-52[-5-125]	-15-52[-5-125]	-15-52[-5-125]
Heating	°C[F]	-25-24[-13-75]	-25-24[-13-75]	-25-24[-13-75]	-25-24[-13-75]	-25-24[-13-75]	-25-24[-13-75]	-25-24[-13-75]

8)Heating capacity at -5°F (MAX, Btu/h)

115V-5800(99K) 6100(12K)  
208/230V-5800(99K) 6100(12K) 10000(18K) 12000(24K) 17000(36K)

Remarks:

1.All specifications are subject to change by the manufacturer without prior notice

2.All units are being tested and comply to ISO 9151

3.Sound pressure levels are measured in anechoic chamber.During actual operation, sound pressure level will be higher as a result of room specification condition

4.Data from AUX lab, 08/03/24, Data may change according to test surroundings, AUX reserves right of explanation on data



Indoor Unit

CD



Outdoor Unit



Remote control



FEATURES

Micro Vent  
(Not in 20seer 36K)4D  
Wind

Voice Control

Auto  
CleaningWiFi  
FunctionHigh Air  
Flow PanelEasy  
Installation

ECO

# SPECIFICATIONS

C-SEER22			CD					
Model			AFE809HP115V1C	AFE809HP230V1C	AFE812HP115V1C	AFE812HP230V1C	AFE818HP230V2C	AFE824HP230V1C
Indoor Unit			AFE809HP115V1CH	AFE809HP230V1CH	AFE812HP115V1CH	AFE812HP230V1CH	AFE818HP230V2CH	AFE824HP230V1CH
Outdoor Unit			AFE809HP115V1CO	AFE809HP230V1CO	AFE812HP115V1CO	AFE812HP230V1CO	AFE818HP230V2CO	AFE824HP230V1CO
AHRI Certified Reference Number			214290017	214290014	214290019	214290020	214311531	214290023
<b>Cooling</b>								
Capacity	Rated	Btu/h	9100	9100	12000	12000	18000	23000
Capacity Range	Min-Max	Btu/h	1700-12000	1700-12600	1700-13300	1700-13300	2900-20000	4300-28000
Power Input	Rated	W	700	700	1050	1016	1565	1800
Dehumidifying		kg/h [lbs/h]	0.7 [1.5]	0.7 [1.5]	1 [2.2]	1 [2.2]	1.6 [3.5]	2.6 [5.7]
<b>Heating</b>								
Capacity at 47°F[8.3°C]	Rated	Btu/h	9700	10000	12300	12300	18000	24000
Capacity Range	Min-Max	Btu/h	1700-15000	1700-15000	1700-15500	1700-15500	4400-22600	5300-30000
<b>Efficiency</b>								
SEER2		Btu/h/W	22	23	22	22	21.5	22
HSPF2(IV)		Btu/h/W	9.5	9.5	9.5	9.5	9.5	10
HSPF2(V)		Btu/h/W	7.5	7.5	7.5	7.5	7.5	8
EER2		Btu/h/W	13	13	11.4	11.8	11.5	12
COP		W/W	3.79	3.79	3.85	3.7	3.7	3.5
<b>Indoor Unit</b>								
Air Flow Rate (SH/H/M/L/Q)		m3/h[CFM]	600/530/480/430/300 [353/312/283/253/177]	600/530/480/430/300 [353/312/283/253/177]	650/590/540/490/330 [383/347/318/288/194]	650/590/540/490/330 [383/347/318/288/194]	1050/950/850/750/550 [618/559/500/441/324]	1250/1100/1000/850/560 [736/647/589/500/330]
Weight	Net	kg [lbs]	8 [17.6]	8 [17.6]	8.5 [18.7]	8.5 [18.7]	11.5 [25.4]	14 [30.9]
Dimension	Net	mm [in]	774*300*214 [30.5*11.7*8.4]	774*300*214 [30.5*11.7*8.4]	834*303*214 [32.8*11.9*8.4]	834*303*214 [32.8*11.9*8.4]	1002*322*237 [39.4*12.7*9.3]	1145*337*245 [45.1*13.3*9.6]
	Packing	mm [in]	835*371*300 [32.9*14.6*11.8]	835*371*300 [32.9*14.6*11.8]	895*371*300 [35.2*14.6*11.8]	895*371*300 [35.2*14.6*11.8]	1068*392*327 [42*15.4*12.9]	1207*403*342 [47.5*15.9*13.5]
Sound Pressure Level		dB(A)	41/36/34/31/26	41/36/34/31/26	43/40/36/33/27	43/40/36/33/27	49/45/41/37/29	50/48/44/39/33
<b>Outdoor Unit</b>								
Weight	Net	kg [lbs]	25.5 [56.2]	27 [59.5]	25.5 [56.2]	27 [59.5]	30 [66.1]	45 [99.2]
Dimension	Net	mm [in]	805*309*538 [31.6*12.2*21.2]	805*309*538 [31.6*12.2*21.2]	805*309*538 [31.6*12.2*21.2]	805*309*538 [31.6*12.2*21.2]	880*353*557 [30.9*13.9*21.9]	900*350*700 [34.6*13.9*27.6]
	Packing	mm [in]	825*345*595 [32.5*13.6*23.4]	825*345*595 [32.5*13.6*23.4]	825*345*595 [32.5*13.6*23.4]	825*345*595 [32.5*13.6*23.4]	903*382*615 [35.6*15*24.2]	1015*425*762 [40*16.7*30]
Sound Pressure Level	Rated	dB(A)	51	51	52	52	53	58
<b>Piping</b>								
Diameter	Liquid(O.D.)	mm [in]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]
	Gas(O.D.)	mm [in]	9.52 [3/8]	9.52 [3/8]	9.52 [3/8]	9.52 [3/8]	12.7 [1/2]	15.88 [5/8]
Max.Length		m[ft]	20[65]	20[65]	20[65]	20[65]	30[100]	30[100]
Min.Length		m[ft]	3[10]	3[10]	3[10]	3[10]	3[10]	3[10]
Max.Height		m[ft]	15[50]	15[50]	15[50]	15[50]	20[65]	20[65]
<b>Electrical</b>								
Outdoor-Indoor		V,ph,Hz	115,1,60	208/230,1,60	115,1,60	208/230,1,60	208/230,1,60	208/230,1,60
MCA		A	15	10	15	10	15	15
MOCP		A	25	15	25	15	20	25
<b>Refrigerant</b>								
Type			R32	R32	R32	R32	R32	R32
Charge		g [oz]	850 [30]	720 [25.4]	850 [30]	720 [25.4]	980 [34.6]	1250 [44]
<b>Guaranteed Temperature Operation Range</b>								
Cooling		°C[°F]	-15-52[5-125]	-15-52[5-125]	-15-52[5-125]	-15-52[5-125]	-15-52[5-125]	-15-52[5-125]
Heating		°C[°F]	-25-24[-13-75]	-25-24[-13-75]	-25-24[-13-75]	-25-24[-13-75]	-25-24[-13-75]	-25-24[-13-75]

8 Heating capacity at -5°F (MAX, Btu/h)  
115V(6100/09K) 6300(12K)  
208/230V(6100/09K) 6300(12K) 10500(18K) 13200(24K)

Remarks:  
1. All specifications are subject to change by the manufacturer without prior notice.  
2. All units are being tested and comply to ISO 5151.  
3. Sound pressure levels are measured in anechoic chamber during actual operation, sound pressure level will be higher as a result of room specification condition.  
4. Data from AHJ lab, 08/03/24. Data may change according to test surroundings, AHJ reserves right of explanation on data.



AHRI CERTIFIED

EPR32



Indoor Unit



Outdoor Unit



Remote control



FEATURES



Low Temperature Heating to -30°F



4D Wind



Voice Control



Auto Cleaning



WiFi Function



High Air Flow Panel



Easy Installation



ECO

# SPECIFICATIONS

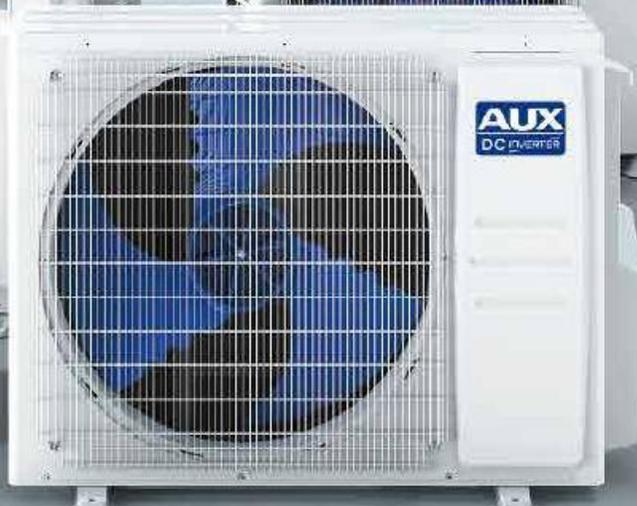
C-SEER30								
Model			9K	12K	18K	24K	36K	
Indoor Unit			AAPR09HP230V1CH	AAPR12HP230V1CH	AAPR18HP230V1CH	AAPR24HP230V1CH	AAPR36HP230V1CH	
Outdoor Unit			AAPR09HP230V1CO	AAPR12HP230V1CO	AAPR18HP230V1CO	AAPR24HP230V1CO	AAPR36HP230V1CO	
Cooling								
Capacity	Rated	Btu/h	9200	12000	18000	22000	33600	
Capacity Range	Min-Max	Btu/h	1700-13000	1700-13600	4400-19800	6000-23200	7500-35500	
Power Input	Rated	W	540	800	1260	1600	3000	
Dehumidifying		kg/h [lbs/h]	0.7 [1.5]	1 [2.2]	1.6[3.53]	2.6 [5.7]	3.6 [7.9]	
Heating								
Capacity at 47°F[8.3°C]	Rated	Btu/h	10600	12300	19000	24000	34000	
Capacity at 17°F[-8.3°C]	Rated	Btu/h	9400	13000	20100	24000	34000	
Capacity at 47°F[-15°C]	Rated	Btu/h	9400	12300	18000	24000	34000	
Capacity Range	Min-Max	Btu/h	1700-15700	1700-16500	4400-20900	6000-25200	8300-50000	
Efficiency								
SEER2		Btu/h/W	30	28	27	27.5	23	
HSPF2(IV)		Btu/h/W	10	10	11	11	9.5	
HSPF2(V)		Btu/h/W	8	8	9	9	8.5	
EER2		Btu/h/W	15	15	14.3	14	12	
COP(5°F)		W/W	2.3	2.3	2	2	2	
Indoor Unit								
Air Flow Rate (SH/H/M/L/Q)		m3/h[CFM]	1050/950/850/750/550 [618/559/500/441/324]	1050/950/850/750/550 [618/559/500/441/324]	1250/1100/970/850/600 [735/647/570/500/353]	1550/1380/1180/1060 [913/812/694/624]	1550/1380/1180/1060 [912/812/695/624]	
Weight	Net	kg [lbs]	11.5 [25.4]	11.5 [25.4]	13[28.6]	16[35.3]	20 [44]	
Dimension	Net	mm [in]	1002*322*237 [39.4*12.7*9.3]	1002*322*237 [39.4*12.7*9.3]	1145*331*244 [45.1*13*9.6]	1240*357*258 [48.8*14.1*10.2]	1460*375*270 [57.5*14.8*10.6]	
	Packing	mm [in]	1068*392*327 [42*15.4*12.9]	1068*392*327 [42*15.4*12.9]	1207*403*342 [47.5*15.9*13.5]	1325*440*362 [52.2*17.3*14.3]	1550*460*377 [61*18.1*14.8]	
Sound Pressure Level		dB(A)	49/45/41/37/29	49/45/41/37/29	50/47/43/38/32	52/47/43/39	52/48/45/39	
Outdoor Unit								
Weight	Net	kg [lbs]	32[70.4]	32[70.4]	44[97]	44[97]	58 [127.6]	
Dimension	Net	mm [in]	830*315*655 [32.6*12.4*25.8]	830*315*655 [32.6*12.4*25.8]	900*700*350 [35.4*27.6*13.8]	900*700*350 [35.4*27.5*13.8]	970*805*395 [38.2*31.7*15.6]	
	Packing	mm [in]	945*400*715 [37.2*15.7*28.1]	945*400*715 [37.2*15.7*28.1]	1015*762*425 [40*30*16.7]	1015*425*762 [39.9*16.7*30]	1105*885*495 [43.5*34.8*19.5]	
Sound Pressure Level	Rated	dB(A)	50	50	57	58	58	
Piping								
Diameter	Liquid(O.D.)	mm [in]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]	9.52 [3/8]	
	Gas(O.D.)	mm [in]	9.52 [3/8]	9.52 [3/8]	12.7[1/2]	15.88 [5/8]	15.88 [5/8]	
Max.Length		m[ft]	20[65]	20[65]	20[65]	20[65]	20[65]	
Min.Length		m[ft]	3[10]	3[10]	3[10]	3[10]	3[10]	
Max.Height		m[ft]	15[50]	15[50]	15[50]	15[50]	15[50]	
Electrical								
Outdoor-Indoor		V,ph,Hz	208/230,1,60	208/230,1,60	208/230,1,60	208/230,1,60	208/230,1,60	
MCA		A	10	10	15	15	20	
MOCP		A	15	15	20	25	35	
Refrigerant								
Type			R32	R32	R32	R32	R32	
Charge		g [oz]	1200[42.3]	1200[42.3]	1250[44.1]	1350[47.6]	2300 [81.1]	
Guaranteed Temperature Operation Range								
Cooling		°C[°F]	-15-52[5-125]	-15-52[5-125]	-15-52[5-125]	-15-52[5-125]	-15-52[5-125]	
Heating		°C[°F]	-34-24[-30-75]	-34-24[-30-75]	-34-24[-30-75]	-34-24[-30-75]	-34-24[-30-75]	

① Heating capacity at -5°F (MAX, Btu/h)  
115V-7000(09K) 7200(12K)  
208/230V-7000(09K) 7200(12K) 12000(18K) 14300(24K)

Remarks:  
1.All specifications are subject to change by the manufacturer without prior notice  
2.All units are being tested and comply to ISO 5151  
3.Sound pressure levels are measured in anechoic chamber.During actual operation, sound pressure level will be higher as a result of room specification condition  
4.Data from AIX lab, 08/03/24, Data may change according to test surroundings, AIX reserves right of explanation on data



# MULTI-ZONE SERIES



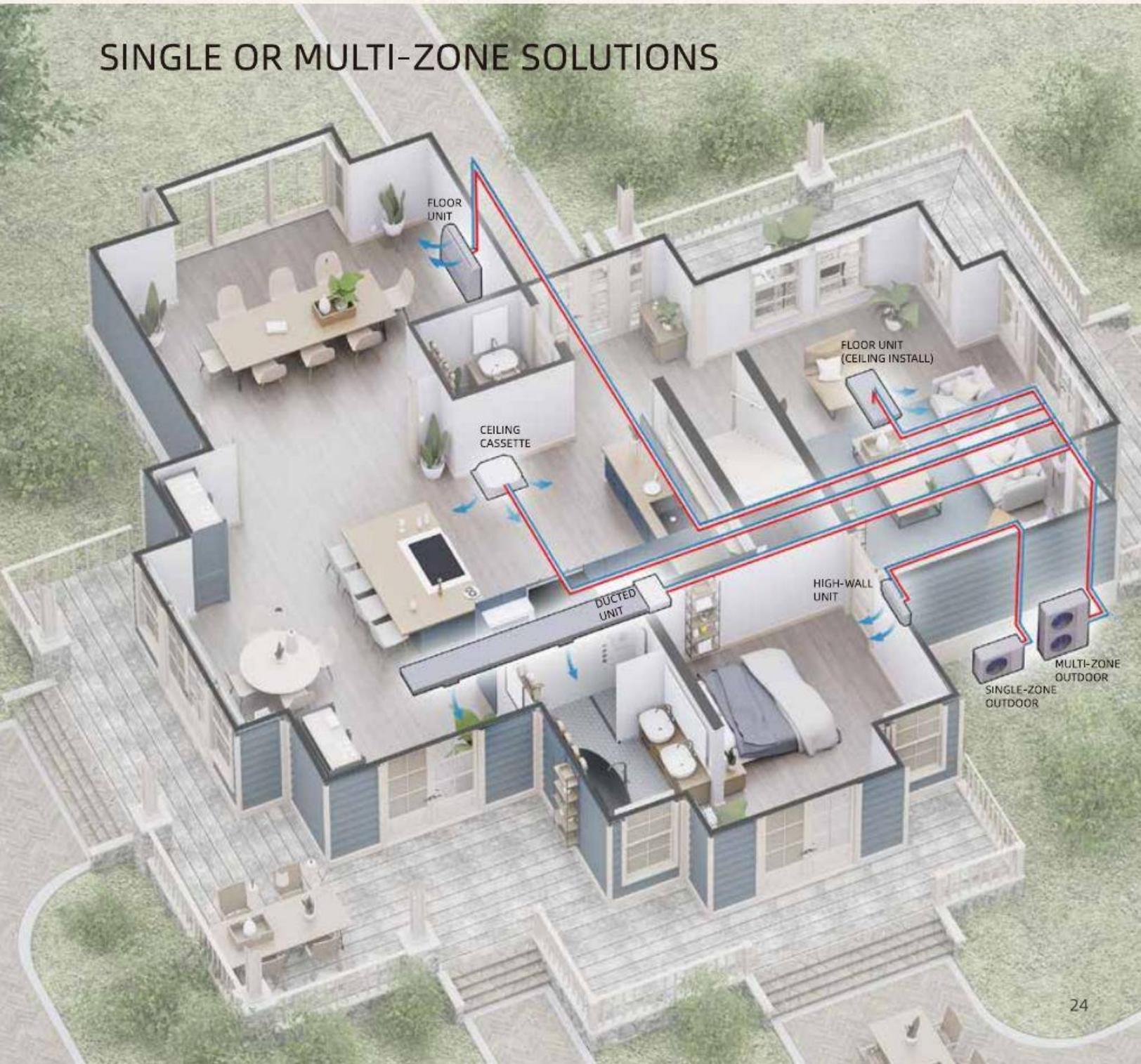
# WALL-MOUNTED CONTROLLER

XK-06



Icon	Name	Icon	Name	Icon	Name
	Cooling		Fan speed		Time Schedules
	Heating		Swing		WIFI
	Dry		Sleep		Screen lock
	Fan		Fault		
	Auto		Filter need		

# SINGLE OR MULTI-ZONE SOLUTIONS





ODU Model	IDU Model				
	Two Units		Three Units		
ASPR18HPMULO ASUM18HPMULO*	9+9	-			
	9+12	-			
	12+12	-			
ASPR24HPMULO ASUM24HPMULO*	9+9	18+18	9+9+9	-	
	9+12	-	9+9+12	-	
	12+12	-	9+9+18	-	
	9+18	-	9+12+12	-	
ASPR30HPMULO	12+18	-	12+12+12	-	
	9+9	18+18	9+9+9	9+9+24	-
	9+12	9+24	9+9+12	9+12+18	-
	12+12	12+24	9+9+18	12+12+18	-
ASPR36HPMULO ASUM36HPMULO*	9+18	18+24	9+12+12	-	-
	12+18	-	12+12+12	-	-
	9+9	18+18	9+9+9	9+9+24	9+18+24
	9+12	9+24	9+9+12	9+12+18	12+12+24
ASPR42HPMULO ASUM42HPMULO*	12+12	12+24	9+9+18	12+12+18	12+18+18
	9+18	18+24	9+12+12	9+12+24	12+18+24
	12+18	24+24	12+12+12	9+18+18	18+18+18
	-	-	9+24+24	12+24+24	18+18+24

ODU Model	IDU Model						
	Four Units				Five Units		
ASPR30HPMULO	9+9+9+9	-	-	-			
	9+9+9+12	-	-	-			
	9+9+9+18	-	-	-			
	9+9+12+12	-	-	-			
ASPR36HPMULO ASUM36HPMULO*	-	-	-	-			
	9+9+9+9	9+9+12+18	12+12+12+12	-			
	9+9+9+12	9+9+12+24	12+12+12+18	-			
	9+9+9+18	9+9+18+18	-	-			
ASPR42HPMULO ASUM42HPMULO*	9+9+12+12	9+12+12+12	-	-			
	9+9+9+24	9+12+12+18	-	-			
	9+9+9+9	9+9+12+18	12+12+12+12	9+18+18+18	9+9+9+9+9	9+9+9+12+24	12+12+12+12+12
	9+9+9+12	9+9+12+24	12+12+12+18	12+12+12+24	9+9+9+9+12	9+9+9+18+18	
	9+9+9+18	9+9+18+18	9+9+18+24	12+12+18+18	9+9+9+9+18	9+9+12+12+12	
	9+9+12+12	9+12+12+12	9+12+12+24	-	9+9+9+9+24	9+9+12+12+18	
9+9+9+24	9+12+12+18	9+12+18+18	-	9+9+9+12+12	9+12+12+12+12		
9+12+18+24	9+18+18+18	9+12+18+24	-	9+9+9+12+18	9+12+12+12+18		

Remarks:

1. All specifications are subject to change by the manufacturer without prior notice.  
 2. All units are being tested and comply to ISO 5131.  
 3. Sound pressure levels are measured in anechoic chamber. During actual operation, sound pressure level will be higher as a result of room specification condition.  
 4. Data from Aux lab, 05/03/24. Data may change according to test surroundings, AUX reserves right of explanation on data.  
 \*Higher capacity range unit.

# MULTI-ZONE OUTDOOR UNIT FEATURES

## LOW-AMBIENT COOLING

-13°F low temperature cooling to meet the cooling needs in various scenarios

Data from AUX lab, 05/03/24, Data may change according to test surroundings,  
AUX reserves right of explanation on data



## HIGHLY EFFICIENT AND ENERGY-SAVING

Energy Star certified, up to  
13.6 for EER2, and 24.8 for SEER2

Data from AUX lab, 06/02/24, Data may change according to  
test surroundings, AUX reserves right of explanation on data



## WIDE VOLTAGE



Designed to operate normally under voltage fluctuations between 165V and 265V

Data from AUX lab, 27/02/24, Data may change according to test surroundings, AUX reserves right of explanation on data

## WIDE OPERATING RANGE

Even under extreme weather conditions, cooling at high temperature and heating at low temperature (125°F High-temp Cooling, -22°F Low-temp Heating)



High-temperature refrigeration



Low-temperature heating

# WALL MOUNTED MULTI-ZONE FEATURES

## WIFI

Intelligent remote control,  
convenient operation  
(SEER22)



## EASY INSTALLATION

Installation guide diagram and built-in level help quickly locate the installation position, detachable underjaw and plate support design provide more operating space to pipe connections.



3) Detachable Underjaw

4) Plate Support



1) Installation Guide Diagram



2) Installation Plate



Built-in Level



## SOFT

Cold air blows through thousands of Micro Vents preventing drafts while still cooling the space (24K)

Micro vents: 1729 (09K) 1935 (12K) 2921 (18K)

\*Patent No.: 202121995992.8/ 202322368367.6

## OFFLINE VOICE CONTROL

Say a word and get it done easily, no fear of disconnection, no need to find the remote control. Equipped with a high-performance off-line voice module, which can recognize your commands for easy use

(English Only  
Excluding SEER 20)

Hello, Lisa

I'm here



# CASSETTE FEATURES

## CIRCULAR AIR

Air is distributed in a large diameter spiral wind wheel for larger air volume and lower noise



## FRESH AIR

Fresh air filters help capture airborne particles like dust and pollen, contributing to cleaner & fresher indoor air



## SLEEP MODE

Turn on sleep mode at night to sleep comfortably with the distribution of air ensuring constant comfort



## HIGH AIRFLOW

Long-Distance Air Supply, Sufficient Cold Air, our air conditioners offer superior airflow volume, providing greater comfort



Square Panel



Detachable Air Guide Vane



Filter



Compact Body



360° Air Supply



Fresh Air Intake



New Anti-leakage Water Pan



Built-in Pump



Digital Display

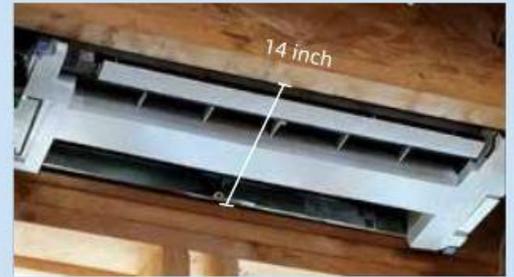


Wifi Control (optional)

# ONE WAY CASSETTE

## NARROW-JOIST FIT

Fits between 14" joist spacing for easy installation.



## SLIDE-OUT SERVICE ACCESS

Slide-out PCB control box serviceable without removing unit from ceiling.



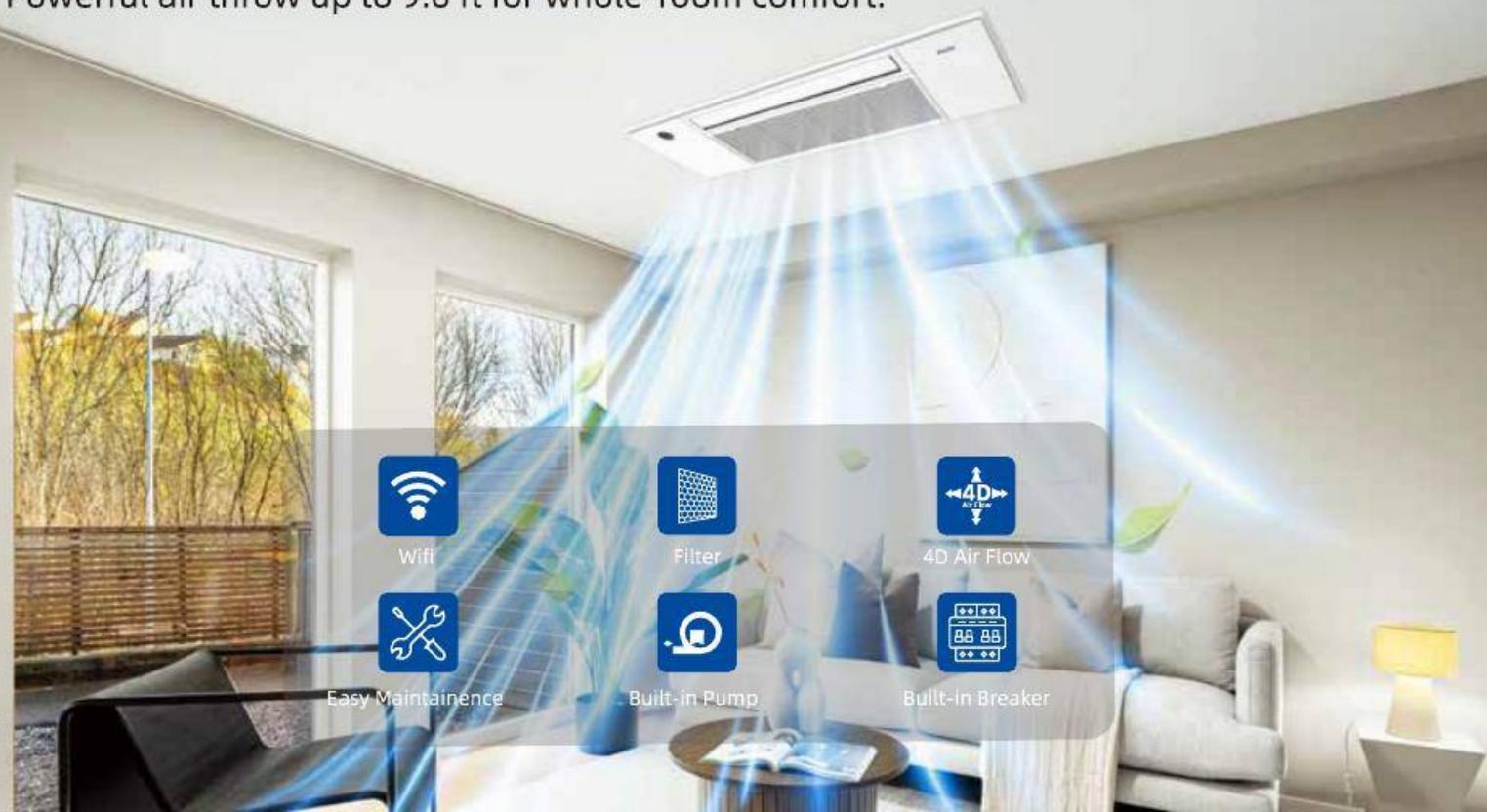
## HIGH-LIFT CONDENSATE PUMP

Built-in condensate pump with 57" lift.



## LONG-RANGE AIR THROW

Powerful air throw up to 9.8 ft for whole-room comfort.



Wifi



Filter



4D Air Flow



Easy Maintenance



Built-in Pump

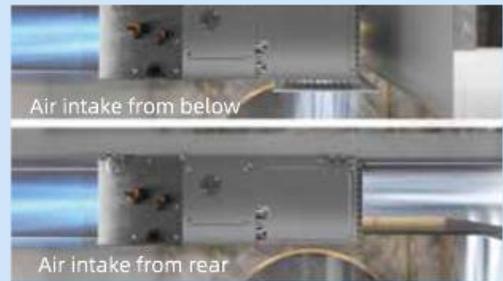


Built-in Breaker

# DUCTED FEATURES

## FLEXIBLE AIR INTAKE

Two types of air intake, from the rear and bottom, to meet all installation needs



## TWO-WAY DRAINAGE

Drainage from both the left and right to meet all installation needs



## REMOVABLE CONTROL BOX

Convenient independent structure design for easy maintenance



Fresh Air Intake



Larger Static Pressure Range



Constant Air Volume



# CEILING & FLOOR FEATURES

## HIGH AIR FLOW

Long-Distance Air Supply, offers superior airflow volume, providing greater comfort up to 33 ft, for large rooms



\* Data source: Air supply distance laboratory, 2019.11.18

## BUILT-IN DISPLAY

Built-in display board provides a moisture proofing seal to help extend the life of the unit



## ANTI-CONDENSATION

Industry leading anti-condensation insulation design of the air outlet



## EASY MAINTENANCE

Added space for easy maintenance, no need to take out the whole electrical control box



## FRESH AIR INTAKE

Fresh air intake hole, filters in fresh air to help improve air quality



Fresh Air Intake



Low Noise



Filter



Anti-condensation



Two-way Drainage



Easy To Disassemble

OUTDOOR UNIT

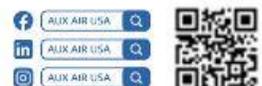


# SPECIFICATIONS

ODU-Regular			1 drive 2	1 drive 3	1 drive 4	1 drive 5	
Model			ASPR18HPMULO	ASPR24HPMULO	ASPR30HPMULO	ASPR36HPMULO	ASPR42HPMULO
<b>Cooling(95°F/35°C)</b>							
Non-Ducted	Capacity Rated	Btu/h	17700	24000	30000	36000	37000
	Capacity Range	Btu/h	3800-19800	4900-31400	6000-38200	6350-38500	7300-42000
	Power Input	W	1440	1920	2400	2930	3083
Ducted	Capacity Rated	Btu/h	17700	24000	30000	36000	37000
	Capacity Range	Btu/h	3800-19800	4900-31400	6000-38200	6350-38500	7300-42000
	Power Input	W	1500	2034	2500	3103	3304
Mixed	Capacity Rated	Btu/h	17700	24000	30000	36000	37000
	Capacity Range	Btu/h	3800-19800	4900-31400	6000-38200	6350-38500	7300-42000
	Power Input	W	1469	1975	2449	3013	3190
<b>Heating(47°F/8.3°C)</b>							
Non-Ducted	Capacity Rated	Btu/h	18000	24000	30000	36000	40000
	Capacity Range	Btu/h	4200-22000	5200-32000	6300-36000	7000-43000	8000-46000
	Power Input	W	1390	1760	2250	2640	3010
Ducted	Capacity Rated	Btu/h	18000	24000	30000	36000	40000
	Capacity Range	Btu/h	4200-22000	5200-32000	6300-36000	7000-43000	8000-46000
	Power Input	W	1353	1851	2198	2705	3006
Mixed	Capacity Rated	Btu/h	18000	24000	30000	36000	40000
	Capacity Range	Btu/h	4200-22000	5200-32000	6300-36000	7000-43000	8000-46000
	Power Input	W	1370	1804	2226	2671	3006
<b>Heating(Other temperature)</b>							
Non-Ducted	Capacity(17°F/-8.3°C)	Btu/h	14700	23600	27200	30800	35600
	Capacity(5°F/-15°C)	Btu/h	14500	21600	24600	25600	32400
Ducted	Capacity(17°F/-8.3°C)	Btu/h	14000	19000	24000	27000	28000
	Capacity(5°F/-15°C)	Btu/h	14000	18400	23000	25200	28000
Mixed	Capacity(17°F/-8.3°C)	Btu/h	14300	21200	25600	28800	31800
	Capacity(5°F/-15°C)	Btu/h	14200	20000	23800	25400	30200
<b>Efficiency</b>							
Non-Ducted	SEER2	Btu/h/W	22	23	23	23	22
	HSPF2(IV)	Btu/h/W	10	10	10	10	10
	COP	W/W	3.8	4	3.9	4	3.9
Ducted	EER2	Btu/h/W	12.3	12.5	12.5	12.3	12
	SEER2	Btu/h/W	19.5	20.5	20	20	20
	HSPF2(IV)	Btu/h/W	9.5	9.5	9.5	10	9.2
Mixed	COP	W/W	3.9	3.8	4	3.9	3.9
	EER2	Btu/h/W	11.8	11.8	12	11.6	11.2
	SEER2	Btu/h/W	20.75	21.75	21.5	21.5	21
Mixed	HSPF2(IV)	Btu/h/W	9.75	9.75	9.75	10	9.6
	COP	W/W	3.85	3.9	3.95	3.95	3.9
	EER2	Btu/h/W	12.05	12.15	12.25	11.95	11.6
<b>Measurements</b>							
Weight	Net	kg [lbs]	34 [75]	46 [102]	67.5 [148.8]	25 [55.1]	30 [66.1]
Dimension	Net	mm [in]	880x353x557	980x388x700	1046x455x808	1046x455x808	1046x455x808
			[34.65x13.90x21.93]	[38.58x15.28x27.56]	[41.18x17.91x31.81]	[41.18x17.91x31.81]	[41.18x17.91x31.81]
	Packing	mm [in]	903x382x615	1015x425x762	1105x495x885	1105x495x885	1105x495x885
			[35.55x15.04x24.21]	[39.96x16.73x30.00]	[43.50x19.49x34.84]	[43.50x19.49x34.84]	[43.50x19.49x34.84]
Air Flow Volume		m3/h	2600	3800	4000	4000	4000
Sound Pressure Level	Rated	dB(A)	54	57	58	59	59
<b>Piping</b>							
Diameter	Liquid(O.D.)	mm [in]	2x6.35[1/4]	3x6.35[1/4]	4x6.35[1/4]	4x6.35[1/4]	5x6.35[1/4]
	Gas(O.D.)	mm [in]	2x9.52[3/8]	3x9.52[3/8]	4x9.52[3/8]	4x9.52[3/8]	5x9.52[3/8]
Max. length	Totally	m[ft]	40[131]	60[197]	80[263]	80[263]	100[328]
Max. length	1 unit	m[ft]	25[82]	30[98]	35[115]	35[115]	35[115]
Max. height difference	IDU & ODU	m[ft]	10[33]	10[33]	10[33]	10[33]	10[33]
<b>Electrical</b>							
Power Supply	V,ph,Hz		208~230,60,1	208~230,60,1	208~230,60,1	208~230,60,1	208~230,60,1
MCA	A		15	20	26	29	29
MOCP	A		20	30	40	45	45
<b>Refrigerant</b>							
Type			R32	R32	R32	R32	R32
Charge		kg [oz]	1.1[38.8]	1.45[51.2]	1.9[67.0]	2.3[81.2]	2.9[102.4]
<b>Guaranteed Temperature Operation Range</b>							
Cooling		°C[°F]	-25~52[-13~125]	-25~52[-13~125]	-25~52[-13~125]	-25~52[-13~125]	-25~52[-13~125]
Heating		°C[°F]	-25~24[-13~75]	-25~24[-13~75]	-25~24[-13~75]	-25~24[-13~75]	-25~24[-13~75]

400 Corporate Court, South Plainfield, NJ 07080

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 4. Data from AUX lab, 08/03/24. Data may change according to test surroundings. AUX reserves right of explanation on data.



OUTDOOR UNIT



# SPECIFICATIONS

ODU-Extreme		1 drive 2	1 drive 3	1 drive 4	1 drive 5	
Model		ASUM18HPMULO	ASUM24HPMULO	ASUM36HPMULO	ASUM42HPMULO	
<b>Cooling(95°F/35°C)</b>						
Non-Ducted	Capacity Rated	Btu/h	18000	24000	36000	42000
	Capacity Range	Btu/h	4800-25000	5500-32300	7200-42500	8350-46000
	Power Input	W	1440	1850	2880	3360
Ducted	Capacity Rated	Btu/h	18000	24000	36000	42000
	Capacity Range	Btu/h	4800-25000	5500-32300	7200-42500	8350-46000
	Power Input	W	1463	1846	2880	3415
Mixed	Capacity Rated	Btu/h	18000	24000	36000	42000
	Capacity Range	Btu/h	4800-25000	5500-32300	7200-42500	8350-46000
	Power Input	W	1452	1846	2880	3387
<b>Heating(47°F/8.3°C)</b>						
Non-Ducted	Capacity Rated	Btu/h	21000	26000	36000	42000
	Capacity Range	Btu/h	5000-26000	5850-36000	7600-47000	8450-48000
	Power Input	W	1620	1730	2640	3160
Ducted	Capacity Rated	Btu/h	21000	26000	36000	42000
	Capacity Range	Btu/h	5000-26000	5850-36000	7600-52000	8450-53000
	Power Input	W	1619	1814	2638	3156
Mixed	Capacity Rated	Btu/h	21000	26000	36000	42000
	Capacity Range	Btu/h	5000-26000	5850-36000	7600-52000	8450-53000
	Power Input	W	1620	1772	2638	3156
<b>Heating(Other temperature)</b>						
Non-Ducted	Capacity(17°F/-8.3°C)	Btu/h	18100	27600	30000	33000
	Capacity(5°F/-15°C)	Btu/h	21800	26000	33000	34000
Ducted	Capacity(17°F/-8.3°C)	Btu/h	19000	21000	34000	35000
	Capacity(5°F/-15°C)	Btu/h	19000	19800	34000	35000
Mixed	Capacity(17°F/-8.3°C)	Btu/h	18500	24200	32000	34000
	Capacity(5°F/-15°C)	Btu/h	20400	22800	33400	34400
<b>Efficiency</b>						
Non-Ducted	SEER2	Btu/h/W	23.3	24	24	24
	HSPF2(IV)	Btu/h/W	11	10.5	11	10.5
	COP	W/W	3.8	4.4	4	3.9
	EER2	Btu/h/W	12.5	13	12.5	12.5
Ducted	SEER2	Btu/h/W	20.5	21	21.5	22
	HSPF2(IV)	Btu/h/W	9.8	10	10	10
	COP	W/W	3.8	4.2	4	3.9
	EER2	Btu/h/W	12.3	13	12.5	12.3
Mixed	SEER2	Btu/h/W	21.9	22.5	22.75	23
	HSPF2(IV)	Btu/h/W	10.4	10.25	10.5	10.25
	COP	W/W	3.8	4.3	4	3.9
	EER2	Btu/h/W	12.4	13	12.5	12.4
<b>Measurements</b>						
Weight	Net	kg [lbs]	47.5[104.7]	69[152.1]	92[202.8]	93[205]
Dimension	Net	mm [in]	980x388x700 [38.58x15.28x27.56]	1046x455x808 [41.18x17.91x31.81]	1011x400x1320 [39.80x15.75x51.97]	1011x400x1320 [39.80x15.75x51.97]
	Packing	mm [in]	1015x425x762 [39.96x16.73x30.00]	1105x495x885 [43.50x19.49x34.84]	1080x430x1440 [42.52x16.93x56.69]	1080x430x1440 [42.52x16.93x56.69]
	Air Flow Volume	m3/h	3800	4000	7200	7200
Sound Pressure Level	Rated	dB(A)	58	60	60	60
<b>Piping</b>						
Diameter	Liquid(O.D.)	mm [in]	2x6.35[1/4]	3x6.35[1/4]	4x6.35[1/4]	5x6.35[1/4]
	Gas(O.D.)	mm [in]	2x9.52[3/8]	3x9.52[3/8]	4x9.52[3/8]	5x9.52[3/8]
Max. length	Totally	m[ft]	40[131]	60[197]	80[263]	80[263]
Max. length	1 unit	m[ft]	25[82]	30[98]	35[115]	35[115]
Max. height difference	IDU & ODU	m[ft]	10[33]	10[33]	10[33]	10[33]
<b>Electrical</b>						
Power Supply	V,ph,Hz		208~230,60,1	208~230,60,1	208~230,60,1	208~230,60,1
MCA	A		20	26	32	32
MCCP	A		30	40	45	45
<b>Refrigerant</b>						
Type			R32	R32	R32	R32
Charge	kg [oz]		1.4[49.4]	1.8[63.5]	2.5[88.2]	3.0[105.8]
<b>Guaranteed Temperature Operation Range</b>						
Cooling	°C[°F]		-25~-52[-13~-125]	-25~-52[-13~-125]	-25~-52[-13~-125]	-25~-52[-13~-125]
Heating	°C[°F]		-30~-24[-22~-75]	-30~-24[-22~-75]	-30~-24[-22~-75]	-30~-24[-22~-75]

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4. Data from AUX lab, 08/03/24. Data may change according to test surroundings. AUX reserves right of explanation on data



CA



CD

Remote  
ControlWired  
Controller

# SPECIFICATIONS

## C-High Wall

AFEB			7K	9k	12k	18k	24k
Model			AFEB07HP230V1CH	AFEB09HP230V1CH	AFEB12HP230V1CH	AFEB18HP230V2CH	AFEB24HP230V1CH
Capacity	Cooling	Btu/h	7000	9100	12000	18000	23000
	Heating	Btu/h	7000	10000	12300	18000	24000
Electric Data	Power Supply	V~,Hz,Ph	208 ~ 230,60,1	208 ~ 230,60,1	208 ~ 230,60,1	208 ~ 230,60,1	208 ~ 230,60,1
	Input Current	A	0.2	0.2	0.2	0.25	0.24
Air Flow Volume	SH/H/M/L/Q	m3/h[CFM]	600/530/480/430/300 [353/312/283/253/177]	600/530/480/430/300 [353/312/283/253/177]	650/590/540/490/330 [383/347/318/288/194]	1050/950/850/750/550 [618/559/500/441/324]	1250/1100/1000/850/560 [736/647/589/500/330]
Sound Pressure Level	SH/H/M/L/Q	dB(A)	41/36/34/31/26	41/36/34/31/26	43/40/36/33/27	49/45/41/37/29	50/48/44/39/33
Weight	Net	kg [lbs]	8 [17.6]	8 [17.6]	8.5 [18.7]	11.5 [25.4]	14 [30.9]
	Net	mm [in]	774*300*214 [30.5*11.7*8.4]	774*300*214 [30.5*11.7*8.4]	834*303*214 [32.8*11.9*8.4]	1002*322*237 [39.4*12.7*9.3]	1145*337*245 [45.1*13.3*9.6]
Dimension	Packing	mm [in]	835*371*300 [32.9*14.6*11.8]	835*371*300 [32.9*14.6*11.8]	895*371*300 [35.2*14.6*11.8]	1068*392*327 [42*15.4*12.9]	1207*403*342 [47.5*15.9*13.5]
	Liquid(O.D.)	mm [in]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]
Piping	Gas(O.D.)	mm [in]	9.52 [3/8]	9 [3/8]	9.52 [3/8]	12.7 [1/2]	15.88 [5/8]

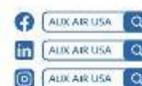
AJAN			9K	12k	18k	24k
Model			AJAN09HP230V1CH	AJAN12HP230V1CH	ASPR30HPMUL	ASPR36HPMULO
Capacity	Cooling	Btu/h	9100	12000	18000	24000
	Heating	Btu/h	10000	12300	19100	24000
Electric Data	Power Supply	V~,Hz,Ph	208 ~ 230,60,1	208 ~ 230,60,1	208 ~ 230,60,1	208 ~ 230,60,1
	Input Current	A	0.2	0.2	0.2	0.25
Air Flow Volume	SH/H/M/L/Q	m3/h[CFM]	600/530/480/430/300 [353/312/283/253/177]	650/590/540/490/330 [383/347/318/288/194]	1050/950/850/750/430 [618/559/500/441/253]	1250/1100/1000/850/560 [736/647/589/500/330]
Sound Pressure Level	SH/H/M/L/Q	dB(A)	41/36/34/31/26	43/40/36/33/27	49/46/42/37/29	50/48/44/39/33
Weight	Net	kg [lbs]	8 [17.6]	8.5 [18.7]	11 [24.3]	14 [30.9]
	Net	mm [in]	774*298*202 [30.5*11.7*8]	834*298*202 [32.8*11.7*8]	1002*318*223 [39.4*12.5*8.8]	1145*331*230 [45.1*13*9.1]
Dimension	Packing	mm [in]	831*371*282 [32.7*14.6*11.1]	891*371*282 [32.2*14.6*11.1]	1070*385*312 [42.1*15.2*12.3]	1210*400*327 [47.6*15.7*12.9]
	Liquid(O.D.)	mm [in]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]
Piping	Gas(O.D.)	mm [in]	9.52 [3/8]	9.52 [3/8]	12.7 [1/2]	15.88 [5/8]

AMAR			9K	12k	18k	24k
Model			AMAR09HP230V1CH	AMAR12HP230V1CH	AMAR18HP230V1CH	AMAR24HP230V2CH
Capacity	Cooling	Btu/h	9200	12000	18000	22400
	Heating	Btu/h	10000	12300	18200	24000
Electric Data	Power Supply	V~,Hz,Ph	208 ~ 230,60,1	208 ~ 230,60,1	208 ~ 230,60,1	208 ~ 230,60,1
	Input Current	A	0.2	0.2	0.2	0.25
Air Flow Volume	SH/H/M/L/Q	m3/h[CFM]	600/530/480/430/300 [353/312/283/253/177]	650/590/540/490/330 [383/347/318/288/194]	1250/1100/1000/850/560 [736/647/589/500/330]	1550/1380/1180/1060 [912/812/695/624]
Sound Pressure Level	SH/H/M/L/Q	dB(A)	41/36/34/31/26	43/40/36/33/27	50/46/43/38/31	51/48/44/39
Weight	Net	kg [lbs]	8 [17.6]	8.5 [18.7]	13 [28.7]	16 [35.3]
	Net	mm [in]	774*300*214 [30.5*11.7*8.4]	834*303*214 [32.8*11.9*8.4]	1145*337*245 [45.1*13.3*9.6]	1240*357*258 [48.8*14.1*10.2]
Dimension	Packing	mm [in]	835*371*300 [32.9*14.6*11.8]	895*371*300 [35.2*14.6*11.8]	1207*403*342 [47.5*15.9*13.5]	1325*440*362 [52.2*17.3*14.3]
	Liquid(O.D.)	mm [in]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]
Piping	Gas(O.D.)	mm [in]	9.52 [3/8]	9.52 [3/8]	12.7 [1/2]	15.88 [5/8]

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## Y-4 WAY CASSETTE



Remote Control



Wired Controller

## SPECIFICATIONS

Y-4 Way Cassette					
Specification-4 way Cassette		9K	12k	18k	24k
Model		AFEB09HP230V1CC	AFEB12HP230V1CC	AFEB18HP230V1CC	AFEB24HP230V1CC
<b>Capacity</b>					
Cooling	Btu/h	9000	12000	18000	24000
Heating	Btu/h	10000	12000	18500	24000
<b>Electric Data</b>					
Power Supply	V~,Hz,Ph	208 ~ 230,60,1	208 ~ 230,60,1	208 ~ 230,60,1	208 ~ 230,60,1
Input Current	A	0.2	0.2	0.32	0.6
<b>Air Flow Volume</b>					
H/M/L	CFM	412/365/312	412/365/312	447/382/341	823/764/676
	m3/h	700/620/530	700/620/530	760/650/580	1400/1350/1150
<b>Sound Pressure Level</b>					
Rated	dB(A)	40	40	45	47
<b>Dimension</b>					
Net(W*D*H)	mm	570×570×260	570×570×260	570×570×260	840×840×246
	inch	22.44×22.44×10.24	22.44×22.44×10.24	22.44×22.44×10.24	33.07×33.07×9.69
Packing(W*D*H)	mm	720×650×290	720×650×290	720×650×290	910×910×310
	inch	28.35×25.59×11.42	28.35×25.59×11.42	28.35×25.59×11.42	35.83×35.83×12.20
Net(Panel)	mm	650×650×55	650×650×55	650×650×55	950×950×55
	inch	25.59×25.59×2.17	25.59×25.59×2.17	25.59×25.59×2.17	37.40×37.40×2.17
Packing(Panel)	mm	710×710×80	710×710×80	710×710×80	1000×1000×100
	inch	27.95×27.95×3.15	27.95×27.95×3.15	27.95×27.95×3.15	39.37×39.37×3.94
<b>Weight</b>					
Net/Gross(body)	kg	14.0/17.0	14.0/17.0	15.0/17.5	24.0/28.0
	lbs	30.9/37.5	30.9/37.5	33.1/38.6	52.9/61.7
Net/Gross(Panel)	kg	2.2/3.7	2.2/3.7	2.2/3.7	5.3/7.8
	lbs	4.9/8.2	4.9/8.2	4.9/8.2	11.7/17.2
<b>Piping</b>					
Liquid(O.D)	mm [in]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]
Gas(O.D.)	mm [in]	9.52 [3/8]	9.52 [3/8]	12.7 [1/2]	15.88 [5/8]



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## P-1 WAY CASSETTE



Remote Control



Wired Controller

## SPECIFICATIONS

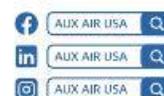
P-1 Way Cassette				
Specification-4 way Cassette		9K	12k	18k
Model		AMC1-H09/2R3DPA	AMC1-H12/2R3DPA	AMC1-H18/2R3DPA
<b>Capacity</b>				
Cooling	Btu/h	9000	12000	18000
Heating	Btu/h	12000	15000	18600
<b>Electric Data</b>				
Power Supply	V~,Hz,Ph	208 ~ 230,60,1	208 ~ 230,60,1	208 ~ 230,60,1
Input Current	A	0.72	0.73	0.78
<b>Air Flow Volume</b>				
H/M/L	CFM	388/341/259/200	405/352/282/212	435/376/347/229
	m3/h	660/580/440/340	690/600/480/360	740/640/590/390
<b>Sound Pressure Level</b>				
Rated	dB(A)	44/38/35/32	45/40/36/32	48/44/39/33
<b>Dimension</b>				
Net(W*D*H)	mm	990×340×195	990×340×195	990×340×195
	inch	39.0×13.4×7.7	39.0×13.4×7.7	39.0×13.4×7.7
Packing(W*D*H)	mm	1305×415×280	1305×415×280	1305×415×280
	inch	51.4×16.3×11.0	51.4×16.3×11.0	51.4×16.3×11.0
Net(Panel)	mm	1300×420×29	1300×420×29	1300×420×29
	inch	51.2×16.5×1.1	51.2×16.5×1.1	51.2×16.5×1.1
Packing(Panel)	mm	1360×480×115	1360×480×115	1360×480×115
	inch	53.5×18.9×4.5	53.5×18.9×4.5	53.5×18.9×4.5
<b>Weight</b>				
Net/Gross(body)	kg	15.7/18.4	15.7/18.4	15.9/18.6
	lbs	34.5/40.5	34.5/40.5	35.0/41.0
Net/Gross(Panel)	kg	3.9/5.4	3.9/5.4	3.9/5.4
	lbs	8.5/12.0	8.5/12.0	8.5/12.0
<b>Piping</b>				
Liquid(O.D)	mm [in]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]
Gas(O.D.)	mm [in]	9.52 [3/8]	9.52 [3/8]	12.7 [1/2]



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## Q&M-SLIM DUCT



Wired Controller

# SPECIFICATIONS

Q&M-Slim Duct					
Specification-Duct		9K	12k	18k	24k
Model		AFE09HP230V1SD	AFE12HP230V1SD	AFE18HP230V1SD	AFE24HP230V1SD
<b>Capacity</b>					
Cooling	Btu/h	9000	12000	18000	24000
Heating	Btu/h	10000	12000	19000	24600
<b>Electric Data</b>					
Power Supply	V~,Hz,Ph	208 ~ 230,60,1	208 ~ 230,60,1	208 ~ 230,60,1	208 ~ 230,60,1
Input Current	A	0.6	0.6	0.6	1.06
<b>Air Flow Volume</b>					
H/M/L	CFM	412/365/312	412/365/312	447/382/341	823/764/676
	m3/h	700/620/530	700/620/530	760/650/580	1400/1350/1150
<b>Static Pressure</b>					
	inAq	0.1	0.1	0.1	0.1
	Pa	25(0~50)	25(0~50)	25(0~80)	25(0~80)
<b>Sound Pressure Level</b>					
Rated	dB(A)	34	34	39	42
<b>Dimension</b>					
Net(W*D*H)	mm	700×450×198	700×450×198	700×700×245	1000×700×245
	inch	27.56×17.72×7.8	27.56×17.72×7.8	27.56×27.56×9.65	39.37×27.56×9.65
Packing(W*D*H)	mm	870×540×260	870×540×260	930×830×300	1230×830×300
	inch	34.25×21.3×10.24	34.25×21.3×10.24	36.61×32.68×11.81	48.43×32.68×11.81
<b>Weight</b>					
Net/Gross(body)	kg	12.5/15.0	12.5/15.0	21.5/25.5	27.0/32.0
	lbs	27.6/33.1	27.6/33.1	47.4/56.2	59.5/70.5
<b>Piping</b>					
Liquid(O.D.)	mm [in]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]
Gas(O.D.)	mm [in]	9.52 [3/8]	9.52 [3/8]	12.7 [1/2]	15.88 [5/8]



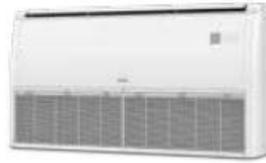
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## F-CEILING&FLOOR



Remote Control



Wired Controller

## SPECIFICATIONS

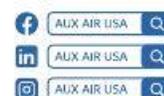
F-Ceiling&Floor					
Specification-Ceiling&Floor		9K	12k	18k	24k
Model		AFEB09HP230V1FL	AFEB12HP230V1FL	AFEB18HP230V1FL	AFEB24HP230V1FL
<b>Capacity</b>					
Cooling	Btu/h	9000	12000	18000	24000
Heating	Btu/h	10000	12000	19000	24600
<b>Electric Data</b>					
Power Supply	V~,Hz,Ph	208 ~ 230,60,1	208 ~ 230,60,1	208 ~ 230,60,1	208 ~ 230,60,1
Input Current	A	0.3	0.3	0.4	0.5
<b>Air Flow Volume</b>					
H/M/L	CFM	500/459/382/324	500/459/382/324	559/530/420/350	824/765/600/494
	m3/h	850/780/650/550	850/780/650/550	950/900/720/600	1400/1300/1020/840
<b>Sound Pressure Level</b>					
Rated	dB(A)	39	39	41	44
<b>Dimension</b>					
Net(W*D*H)	mm	1000x690x235	1000x690x235	1000x690x235	1280x690x235
	inch	39.37x27.17x9.25	39.37x27.17x9.25	39.37x27.17x9.25	50.39x27.17x9.25
Packing(W*D*H)	mm	1080x770x325	1080x770x325	1080x770x325	1360x770x325
	inch	42.52x30.32x12.80	42.52x30.32x12.80	42.52x30.32x12.80	53.54x30.32x12.80
<b>Weight</b>					
Net/Gross(body)	kg	26.0/30.5	26.0/30.5	27.0/31.5	32.5/38.0
	lbs	57.3/67.2	57.3/67.2	59.5/69.5	71.7/83.8
<b>Piping</b>					
Liquid(O.D)	mm [in]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]	6.35 [1/4]
Gas(O.D.)	mm [in]	9.52 [3/8]	9.52 [3/8]	12.7 [1/2]	15.88 [5/8]



400 Corporate Court, South Plainfield, NJ 07080

Remark:

- All specifications are subject to change by the manufacturer without prior notice
- All units are being tested and comply to ISO 5151
- 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, 08/03/24, Data may change according to test surroundings, AUX reserves right of explanation on data



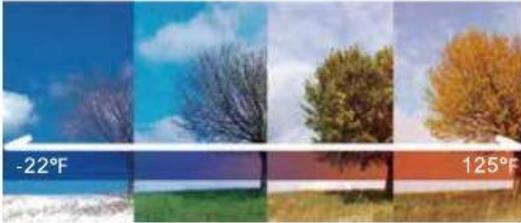
# INVERTER DUCTED SYSTEM



# INVERTER DUCTED SYSTEM FEATURES

## HIGH PERFORMANCE

Even in extreme temperatures, the system maintains consistent performance to help provide comfortable indoor conditions year-round



\* Data from AUX lab, 24/08/24 23/09/24  
 \* PZJTS240921017-01 B7 No. 20 table PZJXS240821002-03 B12 No. 18 table

## WIDE VOLTAGE

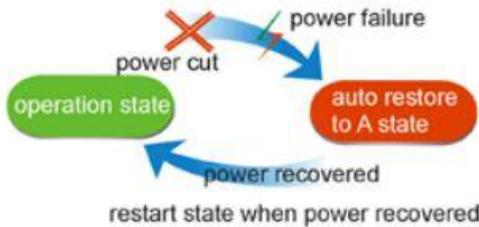
Operates under voltage between 170 V - 253V to adapt to any unstable voltage, protecting the PCB against a power surge.



\* Data from AUX lab, 12/10/24  
 \* PZJXS241010005-03 B7 No. 20 table

## AUTO RESTART FUNCTION

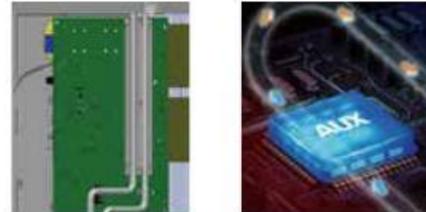
In the event of a power outage, the system automatically restarts at the same settings when powered back on, no need to restart manually.



\* Functionality may vary by model and setup

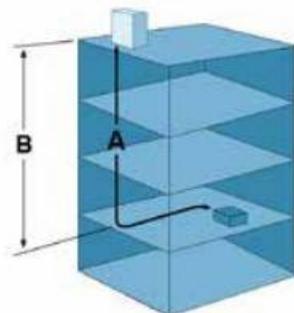
## REFRIGERANT COOLING TECHNOLOGY

Helps to reduce the operating temperature of the PCB, which help prevents the PCB from over-heating to supports reliable operation it runs smoothly



## LONG PIPING DESIGN

Long piping design up to 164Ft, allows for flexible installations making it adaptable to various home sizes



Series	Capacity(Btu/h)	Max.Length(A)	Max.Heigth(B)
Regular Series	18 / 24 / 30K	98	49
	36 / 48 / 60k	164	98
Extreme Heating Series	18k	98	49
	24 / 30 / 36 / 48 / 60k	164	98

\* Data from AUX lab, 14/07/24  
 \* PZJTS240626099-01 B12 No. 8P table



## DUAL COMMUNICATION

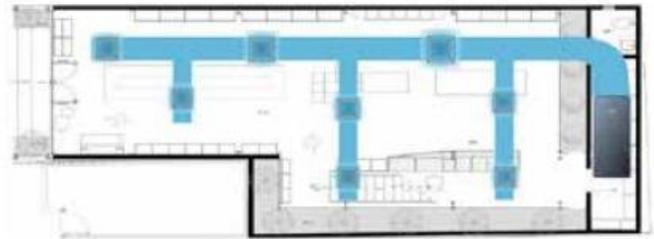
Compatible with both 24V and 485 communication control for easy operation. Also interchangeable with other products.



## ESP RANGE

Rated ESP up to 0.5 in. W. C.

Max ESP up to 1.0 in. W.C.



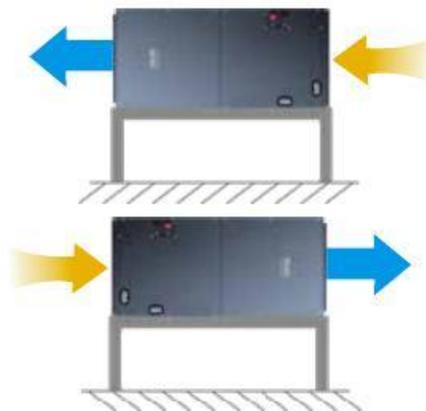
\* Data from AUX lab,25/10/24  
\* PZJTS241031036-01 B12 No. 18 table

## EASY INSTALLATION

Vertical, horizontal or inverted installation to meet most installation requirements.



Vertical



Horizontal



Inverted

# SPECIFICATIONS



Indoor Unit



Outdoor Unit



Wired Controller

## Regular

Model	IDU	AHU18HPV1AI	AHU24HPV1AI	AHU30HPV1AI	AHU36HPV1AI	AHU48HPV1AI	AHU60HPV1AI
	ODU	AHU18HPV1AO	AHU24HPV1AO	AHU30HPV1AO	AHU36HPV1AO	AHU48HPV1AO	AHU60HPV1AO

Capacity								
Cooling	Capacity Rated	Btu/h	18000	23000	30000	35000	48000	55000
	Capacity Range	Btu/h	4000-20000	6000-26000	8000-30000	8500-37000	10000-50000	11000-57000
	Power Input	W	1600	2190	3000	3684	5053	5789
Heating	Capacity(47°F/8.3°C)	Btu/h	18000	24000	32000	38000	48000	55000
	Capacity Range	Btu/h	3500-21000	4000-26000	4500-33000	5000-38000	10000-53000	11000-57000
	Power Input(47°F/8.3°C)	W	1507	2069	2605	3375	4138	4741
	Capacity(17°F/-8.3°C)	Btu/h	14000	19000	22000	27000	45000	48000
	Capacity(5°F/-15°C)	Btu/h	14000	18600	22000	25000	40500	41500

Efficiency								
SEER2	(Btu/h)/W		17	17	18	17	16	16
HSPF2(IV)	(Btu/h)/W		8.6	8.5	8.5	8.6	9	9
EER2	(Btu/h)/W		11.25	10.5	10	9.5	9.5	9.5
COP	W/W		3.5	3.4	3.6	3.3	3.4	3.4

IDU								
Electrical	Power Supply	V~,Hz,Ph	208-230,60,1	208-230,60,1	208-230,60,1	208-230,60,1	208-230,60,1	208-230,60,1
	MCA	A	3.7	3.7	5.7	5.7	8.5	8.5
Air Flow	H/M/L	m3/h	1020/900/750	1360/1150/950	1700/1400/1100	2040/1610/1350	2630/2215/1800	3060/2530/2000
		CFM	600/530/440	800/680/560	1000/820/650	1200/950/790	1550/1300/1050	1800/1490/1180
Noise Level		dB(A)	42/40/38	44/42/40	46/44/42	48/46/44	52/50/48	52/50/48
External Static Pressure	Standard	in.w.g[pa]	0.5[125]	0.5[125]	0.5[125]	0.5[125]	0.5[125]	0.5[125]
	Range	in.w.g[pa]	0~1[0-250]	0~1[0-250]	0~1[0-250]	0~1[0-250]	0~1[0-250]	0~1[0-250]
Dimension (HWD)	Net	In.[mm]	45[1143]	45[1143]	49[1245]	49[1245]	53[1346]	53[1346]
		In.[mm]	17-1/2[445]	17-1/2[445]	21[534]	21[534]	24-1/2[622]	24-1/2[622]
		In.[mm]	21[534]	21[534]	21[534]	21[534]	21[534]	21[534]
Weight	Net	lbs	112.4	112.4	132.9	132.9	154.3	154.3
		kg	51	51	60.3	60.3	70	70

ODU								
Electrical	Power Supply	V~,Hz,Ph	208-230,60,1	208-230,60,1	208-230,60,1	208-230,60,1	208-230,60,1	208-230,60,1
	MCA	A	17	20	21	24	31	34
Air Flow		m3/h	3500	3500	4200	4200	6800	6800
		CFM	2059	2059	2471	2471	4000	4000
Noise Level		dB(A)	56	57	59	59	60	60
Dimension (HWD)	Net	In.[mm]	27-9/16[700]	27-9/16[700]	31-13/16 [808]	31-13/16 [808]	51-15/16[1320]	51-15/16[1320]
		In.[mm]	38-9/16[980]	38-9/16[980]	41-3/16[1046]	41-3/16[1046]	39-13/16[1011]	39-13/16[1011]
		In.[mm]	15-1/4[388]	15-1/4[388]	17-15/16[455]	17-15/16[455]	15-3/4[400]	15-3/4[400]
Weight	Net	lbs	95.9	101.4	147.3	147.3	196.9	205
		kg	43.5	46	66.8	66.8	89.3	93

Refrigerant								
Type			R32	R32	R32	R32	R32	R32
Charge		oz	42.3	49.4	81.1	81.1	123.5	130.5
		g	1200	1400	2300	2300	3500	3700

Pipe								
Liquid(O.D.)	In.[mm]		3/8[Φ9.52]	3/8[Φ9.52]	3/8[Φ9.52]	3/8[Φ9.52]	3/8[Φ9.52]	3/8[Φ9.52]
Gas(O.D.)	In.[mm]		5/8[Φ15.88]	5/8[Φ15.88]	5/8[Φ15.88]	5/8[Φ15.88]	3/4[Φ19.05]	3/4[Φ19.05]
Max. Length	ft[m]		98[30]	98[30]	98[30]	164[50]	164[50]	164[50]
Max. Height	ft[m]		49[15]	49[15]	49[15]	98[30]	98[30]	98[30]

Guaranteed Temperature Operation Range								
Cooling	°F[°C]		5~125 [-15~52]	5~125 [-15~52]	5~125 [-15~52]	5~125 [-15~52]	5~125 [-15~52]	5~125 [-15~52]
Heating	°F[°C]		5~75 [-15~24]	5~75 [-15~24]	5~75 [-15~24]	5~75 [-15~24]	5~75 [-15~24]	5~75 [-15~24]

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Remarks:  
 1.All specifications are subject to change by the manufacturer without prior notice  
 2.All units are being tested and comply to AHRI210/240  
 3.Data from AUX Lab, 30/9/24, Data may change according to test surroundings, AUX reserves right of explanation on data



# SPECIFICATIONS



Indoor Unit



Outdoor Unit



Wired Controller

## Extreme

Model	IDU	AHU18HPV1BI	AHU24HPV1BI	AHU30HPV1BI	AHU36HPV1BI	AHU48HPV1BI	AHU60HPV1BI
	ODU	AHU18HPV1BO	AHU24HPV1BO	AHU30HPV1BO	AHU36HPV1BO	AHU48HPV1BO	AHU60HPV1BO

Capacity								
Cooling	Capacity Rated	Btu/h	18000	24000	30000	36000	48000	55000
	Capacity Range	Btu/h	6000-23000	7000-26000	8000-34000	8500-39500	9000-55000	9500-57000
	Power Input	W	1552	2182	2586	3600	4800	5789
Heating	Capacity(47°F/8.3°C)	Btu/h	22000	26000	33000	38000	49000	55000
	Capacity Range	Btu/h	4600-24000	5000-30000	5500-36000	7600-39500	8000-56000	9000-58000
	Power Input(47°F/8.3°C)	W	1954	2241	2931	3375	4224	4885
	Capacity(17°F/-8.3°C)	Btu/h	22000	24000	33000	38000	48000	48000
	Capacity(5°F/-15°C)	Btu/h	22000	24000	33000	38000	48000	48000
	Capacity(-5°F/-20°C)	Btu/h	16500	20000	25500	32000	36000	41000

Efficiency								
SEER2	(Btu/h)/W	19.2	19	18	18.2	17	16.5	
HSPF2(IV)	(Btu/h)/W	9	9.5	9	10	9.5	9.5	
EER2	(Btu/h)/W	11.6	11	11.6	10	10	9.5	
COP	W/W	3.3	3.4	3.3	3.3	3.4	3.3	

IDU								
Electrical	Power Supply	V~,Hz,Ph	208-230,60,1	208-230,60,1	208-230,60,1	208-230,60,1	208-230,60,1	208-230,60,1
	MCA	A	3.7	3.7	5.7	5.7	8.5	8.5
Air Flow	H/M/L	m3/h	1020/900/750	1360/1150/950	1700/1400/1100	2040/1610/1350	2630/2215/1800	3060/2530/2000
		CFM	600/530/440	800/680/560	1000/820/650	1200/950/790	1550/1300/1050	1800/1490/1180
Noise Level		dB(A)	42/40/38	44/42/40	46/44/42	48/46/44	52/50/48	52/50/48
External Static Pressure	Standard	in.w.g[pa]	0.5[125]	0.5[125]	0.5[125]	0.5[125]	0.5[125]	0.5[125]
	Range	in.w.g[pa]	0~1[0-250]	0~1[0-250]	0~1[0-250]	0~1[0-250]	0~1[0-250]	0~1[0-250]
Dimension (HWD)	Net	in.[mm]	45[1143]	45[1143]	49[1245]	49[1245]	53[1346]	53[1346]
		in.[mm]	17-1/2[445]	17-1/2[445]	21[534]	21[534]	24-1/2[622]	24-1/2[622]
		in.[mm]	21[534]	21[534]	21[534]	21[534]	21[534]	21[534]
Weight	Net	lbs	112.4	112.4	132.9	132.9	154.3	154.3
		kg	51	51	60.3	60.3	70	70

ODU								
Electrical	Power Supply	V~,Hz,Ph	208-230,60,1	208-230,60,1	208-230,60,1	208-230,60,1	208-230,60,1	208-230,60,1
	MCA	A	17	20	21	24	31	34
Air Flow		m3/h	3500	3500	4200	4200	6800	6800
		CFM	2059	2059	2471	2471	4000	4000
Noise Level		dB(A)	56	57	59	59	60	60
Dimension (HWD)	Net	in.[mm]	27-9/16[700]	31-13/16 [808]	51-15/16[1320]	51-15/16[1320]	51-15/16[1320]	51-15/16[1320]
		in.[mm]	38-9/16[980]	41-3/16[1046]	39-13/16[1011]	39-13/16[1011]	39-13/16[1011]	39-13/16[1011]
		in.[mm]	15-1/4[388]	17-15/16[455]	15-3/4[400]	15-3/4[400]	15-3/4[400]	15-3/4[400]
Weight	Net	lbs	105.8	147.7	196.2	196.2	209.4	209.4
		kg	48	67	89	89	95	95

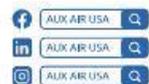
Refrigerant								
Type			R32	R32	R32	R32	R32	R32
Charge		oz	52.9	81.1	116.4	119.9	144.6	144.6
		g	1500	2300	3300	3400	4100	4100

Pipe								
Liquid(O.D.)	in.[mm]	3/8[Φ9.52]						
Gas(O.D.)	in.[mm]	5/8[Φ15.88]	5/8[Φ15.88]	5/8[Φ15.88]	5/8[Φ15.88]	3/4[Φ19.05]	3/4[Φ19.05]	3/4[Φ19.05]
Max. Length	ft[m]	98[30]	164[50]	164[50]	164[50]	164[50]	164[50]	164[50]
Max. Height	ft[m]	49[15]	98[30]	98[30]	98[30]	98[30]	98[30]	98[30]

Guaranteed Temperature Operation Range								
Cooling	°F[°C]	5~125 [-15~52]	5~125 [-15~52]	5~125 [-15~52]	5~125 [-15~52]	5~125 [-15~52]	5~125 [-15~52]	5~125 [-15~52]
Heating	°F[°C]	-22~75 [-30~24]	-22~75 [-30~24]	-22~75 [-30~24]	-22~75 [-30~24]	-22~75 [-30~24]	-22~75 [-30~24]	-22~75 [-30~24]

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# AUX

[us.auxair.com](http://us.auxair.com)



AUX Air USA  
400 Corporate Ct, South Plainfield, NJ 07080

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