

Explanation Of Features

 **Moisture Removal**
The computer effectively dehumidifies the air.

 **Up/Down Swing Flaps**
The up/down flaps automatically swing up and down.

 **Double Swing Automatic**
Complex swing action of flaps enables automatically to swing both horizontal and vertical directions.

 **Automatic Flaps**
The position of the flaps is set automatically to match the operating mode. It is also possible to adjust the flaps using the remote control.

 **Auto Shut Flaps**
The auto shut flaps close or open automatically when the unit stops or starts.

 **Automatic Air Flow Adjustment**
The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.

 **Auto Restart**
In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once the power supply is restored.

 **Auto-Changover**
The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.

 **Sleep Timer**
The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.

 **Program Timer**
This digital timer allows selection of one of four options: ON, OFF, ON->OFF or OFF->ON.

 **Weekly Timer**
Different on-off times can be set for each day.

 **Weekly + Setback Timer**
Weekly + Setback timer can set temperature for two times spans and for each day of the week.

 **ON-OFF Timer**
ON-OFF timer can be set to operate once.

 **Fresh Air Intake**
Fresh air can be taken in by a fan which can be connected using UTD-ECS5A (option parts).

 **Connectable Distributing Duct**

 **Connectable Fresh Air Duct**

 **Washable Panel**

 **Long-life Ion Deodorization Filter**
For details, see page7.

 **Filter Sign**
Indicates the filter cleaning period by lamp.

 **Economy Mode**
Limits the maximum operation current, and performs operation with the power consumption suppressed.

 **Long-life photocatalytic deodorizing filter**

 **Apple-catechin Filter**
For details, see page7.

 **Wasabi antibacterial electrostatic filter**

 **Cooling**
Rank A models

 **Heating**

All DC inverter models

 **V-PAM models**

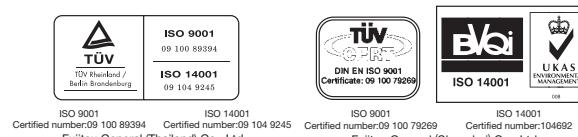
 **I-PAM models**



SPLIT & WINDOW TYPE AIR CONDITIONERS



THE INTELLIGENT CHOICE IN COMFORT



Distributed by :

FUJITSU

FUJITSU GENERAL LIMITED
1116, Suenaga, Takatsu-ku, Kawasaki 213-8502, Japan

T6630601E Printed in Japan

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FUJITSU GENERAL LIMITED

SPLIT & WINDOW TYPE AIR CONDITIONERS LINEUP

CEILING/WALL TYPE (P4~5,10~11)		WALL MOUNTED TYPE (P6~9,10~11)						FLOOR TYPE (P9)		WINDOW TYPE (P30~31)		
Capacity (BTU/h)	INVERTER	INVERTER	INVERTER	INVERTER	INVERTER			INVERTER	INVERTER	INVERTER	INVERTER	
7,000			ASYA07LC Rank A			ASY7FB/7UB						
9,000			ASYA09LC Rank A	ASYB09LD Rank A		ASY9FB/9UC	ASY9UB Rank A		New AGYV09LA Rank A			
12,000			ASYA12LC Rank A	ASYB12LD Rank A		ASY12FB/12UC	ASY12UB Rank A		New AGYV12LA Rank A			
14,000	AWYZ14LB Rank A	AWY14UB	ASYA14LC Rank A				ASY14FB/14UB		New AGYV14LA Rank A			
18,000	AWYZ18LB Rank A	AWY18FA/18UA Rank A AWY18FB/18UB	ASYA18LC	New ASYB18LD				ASY18FA/18UA Rank A ASY18FB/18UB				
24,000	New AWYZ24LB Rank A	AWY24FA/24UA Rank A AWY24FB/24UB			New ASYB24LD Rank A New ASYA24LC Rank A			ASY24FB/24UB				
30,000		AWY30FB/30UB			ASYA30LC			ASY30FB/30UB				

DUCT TYPE (P13,18~21)				COMPACT CASSETTE / CASSETTE TYPE (P10~11,22~23)				CEILING/UNIVERSAL TYPE (P12,24~25)				MULTI-TYPE SYSTEMS (P14~15,26~27)			
Capacity (BTU/h)	INVERTER	INVERTER	INVERTER	INVERTER	INVERTER	INVERTER	INVERTER	INVERTER	INVERTER	INVERTER	INVERTER	INVERTER	INVERTER	INVERTER	
7,000	ARY7F/7U														
9,000	ARY9F/9U														
12,000	ARY12F/12U	New ARYA12L Rank A ARY12L				New AUYA12L Rank A	AUY12F/12U	AUY12L							
14,000	ARY14F/14U	New ARYA14L Rank A ARY14L				New AUYA14L Rank A	AUY14F/14U	AUY14L		ABY14F/14U					
18,000 ~19,000	ARY18F/18U	New ARYA18L Rank A ARY18L				New AUYA18L Rank A	AUY18F/18U	AUY18L		ABY18F/18U	New ABYA18L Rank A ABY18L		AOY19F		
20,000													AOY20FM3 AOY20F		
24,000 ~25,000			ARY25F/25U	ARY24L New ARYA24L Rank A		New AUYA24L Rank A			AUY25F/25U AUY25F(3)	AUY24L	ABY24F/24U	New ABYA24L Rank A ABY24L		AOY24FSS AOY24USS	AOY24FUU AOY24UU
30,000 ~32,000			ARY30F/30U	ARY30L					AUY30F/30U	AUY30L			AOY32EM4		
36,000			ARY36F/36U	New ARYA36L Rank A ARY36U(1)	ARY36L				AUY36F/36U	New AUYA36L Rank A AUY36L		ABY36L	New ABYA36L Rank A		
45,000			ARY45F/45U	New ARYA45L Rank A ARY45L	ARY45LH	ARY45L			AUY45F/45U	New AUYA45L Rank A AUY45L		ABY45L	New ABYA45L Rank A		
54,000					ARY54L				AUY54F/54U	AUY54L			ABY54F/54U		
60,000				ARY60F/60U											
90,000					ARY90E/90T										

Notice for specifications

I.U.=Indoor Unit O.U.=Outdoor Unit Qu=Quiet * =Not decided yet
 ● Specifications and design subject to change without notice for further improvement.
 Please check with your dealer.
 ● Cooling/Heating capacities are based on the following conditions.

Cooling Indoor temp. : 27°C DB/19°C WB Outdoor temp. : 35°C DB/24°C WB	Heating Indoor temp. : 20°C DB/15°C WB Outdoor temp. : 7°C DB/6°C WB
For Duct Air volume of ARYA18L models is given without external static pressure. Air volume of ARYA24L/36L/45L/ARY30L models is given when external static pressure is 30Pa. Air volume of ARY45LH/54L models is given when external static pressure is 100Pa.	

INVERTER CEILING WALL TYPE

nocria®

3rd year of record achievements.
Automatic filter cleaning air conditioner



Rank A ALL DC V PAM

AWYZ14LB

• 4.20kW/14,300BTU/h

• 6.00kW/20,500BTU/h

Rank A ALL DC V PAM

AWYZ18LB

• 5.20kW/17,700BTU/h

• 6.70kW/22,900BTU/h

Rank A ALL DC V PAM

AWYZ24LB

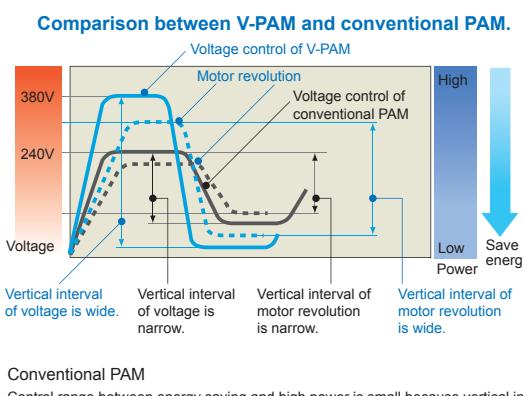
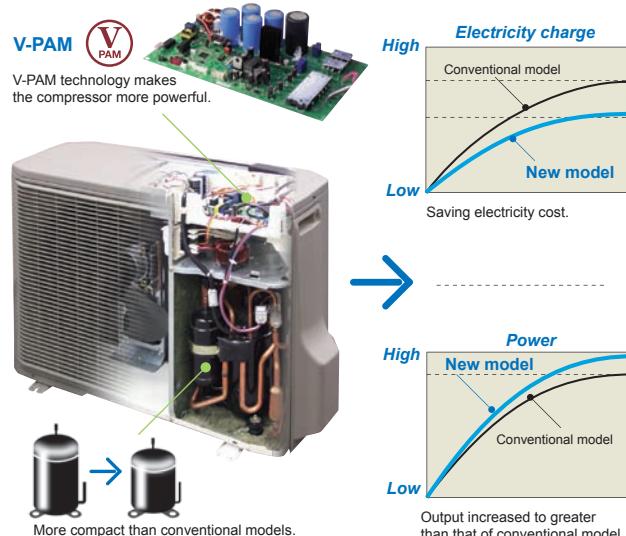
• 7.10kW/24,200BTU/h

• 8.50kW/29,000BTU/h

New

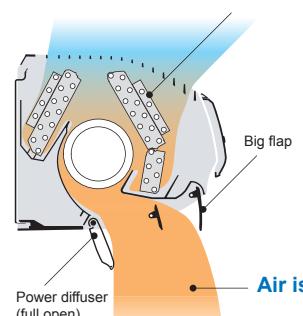


V-PAM inverter increases the maximum output of the compressor significantly and enables high power and high efficiency.



"Strong vertical air flow" provides powerful floor level heating.

Increased heat exchange efficiency

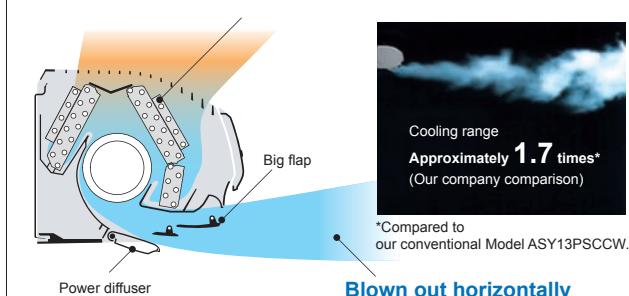


No. 1
Heating capacity



"Healthy horizontal air flow" does not blow cool air directly at the occupants in the room.

Increased heat exchange efficiency



WORLD FIRST! *1

Automatic filter cleaner

Entire filter is cleaned automatically in approximately 2 minutes.

Since the filter is cleaned automatically, energy saving capability is displayed without regard to the load on the air conditioner.

Energy saving Rank A cleared with a margin to spare.

If the energy saving effect is maintained, filter cleaning once every two weeks is effective.

Two exhaustive bacteria eliminating and deodorizing countermeasures keep the air in the room clean.

If the energy saving effect is maintained, filter cleaning once every two weeks is effective.

Bacteria eliminating countermeasure

WORLD FIRST! *2

a **Dirt and dust are bacteria-eliminated by titan apatite filter***

* Displays double the effect of a conventional optical medium and retains its property for a long time to suck in and remove approximately 99.99% of cigarette odors and bacteria, etc.

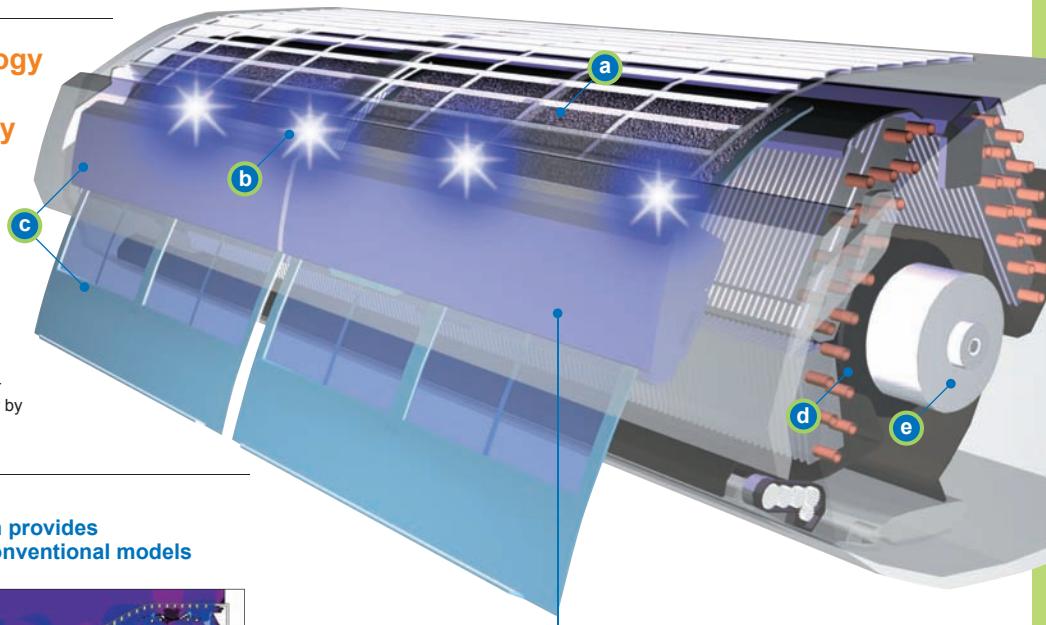
b **Drives away bacteria and refreshes the air by UV (ultraviolet rays) illumination.**

Our unique technology that achieved top energy efficiency in the industry

WORLD FIRST! *1

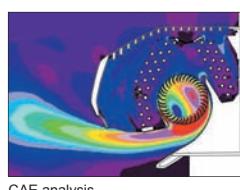
c **Energy saving by automatic filter cleaning function**

This function allows an energy saving of more than 25% a year and maintains a smooth air flow by preventing the filters from being clogged with dust.



d **Computer-designed fan provides a larger air flow than conventional models**

New air trunk, which provides a smooth air flow, and axial gap fan motor increase the maximum air flow by 10% over that of conventional models.



Antibacterial dust box

Removes dirt and dust by double brushes. Dust collection is approximately twice that in the past. (our company comparison) Maintenance: Only throwing into a trash bin once every two years

WORLD FIRST! *3

e **Axial gap fan motor enables nonconventional high power and high efficiency.**

Axial gap method

Rotor plates are installed above and below electromagnets.

Features (Compared to conventional models)

Compact size with 1.5 more power output Self-driven method increases rotating efficiency by 10%. Our electromagnetic field simulation technology enables low vibration and low noise.

Conventional motor

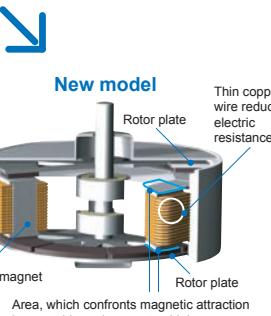
Rotor is bounded by electromagnet.

Rotor plate

Thin copper wire

Electromagnet

Area, which confronts magnetic attraction, is very narrow.



Moisture	Up/Down	Double	Auto Shut off	Auto Adjust	Restart	Auto Changeover	Sleep	Program	Wash
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SPECIFICATIONS

Model No.	Indoor Unit	AWYZ14LB	AWYZ18LB	AWYZ24LB
Item	Outdoor Unit	AOYZ14LB	AOYZ18LB	AOYZ24LB
Rank (Cooling/Heating)		A/A	A/A	A/A
Cooling	kW	4.20 (0.9~5.3)	5.20 (0.9~5.9)	7.10 (0.9~8.0)
Heating		6.00 (0.9~9.1)	6.70 (0.9~9.7)	8.50 (0.9~11.0)
Cooling	BTU/h	14,300	17,700	24,200
Heating		20,500	22,900	29,000
Moisture Removal	l/h	2.1	2.8	3.0
Room Air Circulation (High)	Inner m³/h	850	850	840
	Outer m³/h	1,910	1,910	1,980
Input Power	V/ø/Hz	230/1/50	230/1/50	230/1/50
Running Current	Cooling A	4.5	6.9	9.7
	Heating	5.9	7.2	10.3
Power Consumption	Cooling kW	1.02	1.58	2.21
	Heating kW	1.35	1.63	2.35
EER	Cooling kW/kW	4.12	3.29	3.21
COP	Heating kW/kW	4.44	4.11	3.62
Dimensions H x W x D	Inner mm	250x899x298	250x899x298	250x899x298
	kg(lbs)	13.5(30)	13.5(30)	14(32)
Net Weight	Outer mm	578x790x300	578x790x300	830x900x330
	kg(lbs)	39(86)	39(86)	62(137)
Connection Method		Flare	Flare	Flare
Connection Pipe Size (Smallø/Largeø)	mm	6.35/12.70	6.35/12.70	6.35/15.88
Max Pipe Length /Height Difference	m	20(15)	20(15)	30(15)
Permissible Range of Outdoor Temp.	Cooling °C	-10~43	-10~43	-10~43
	Heating °C	-15~24	-15~24	-15~24
Refrigerant		R410A	R410A	R410A

INVERTER WALL MOUNTED TYPE



Flat panel and family look design



Rank A ALL DC V PAM

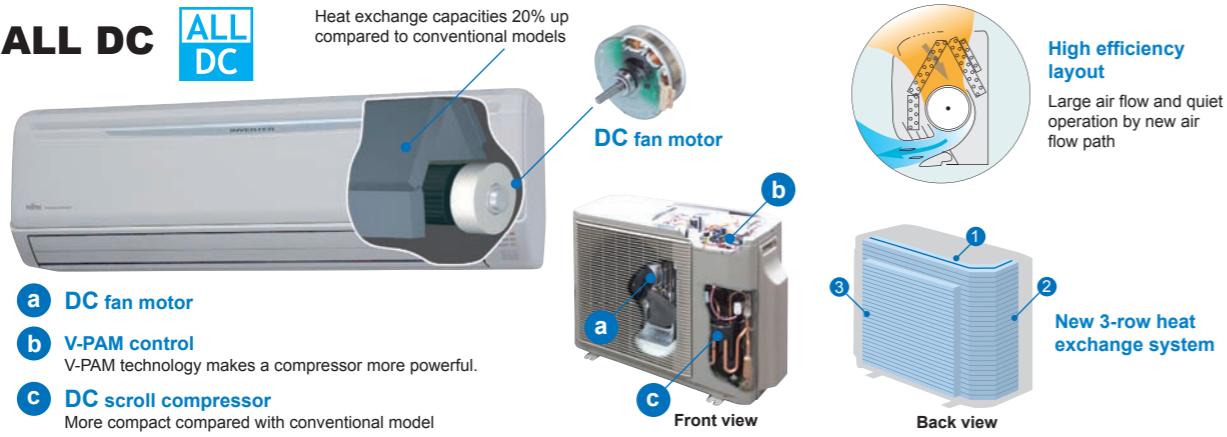
ASYA24LC
C 7.10kW—BTU/h
H 8.00kW—BTU/h

ALL DC V PAM

ASYA30LC
C 8.00kW—BTU/h
H 9.00kW—BTU/h

*The following contents apply to ASYA24LC models.

ALL DC ALL DC



Compact design

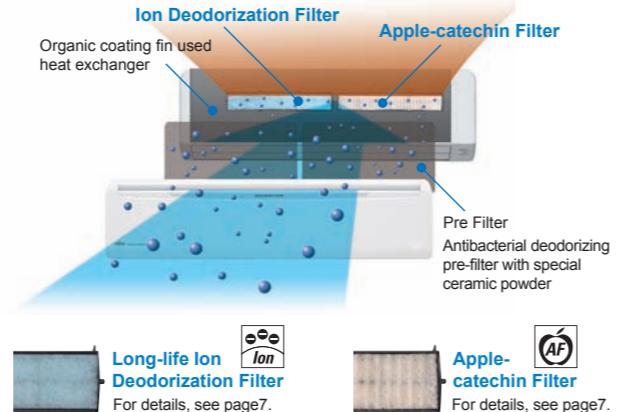
New model



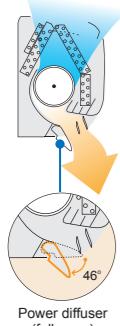
Conventional model



Air conditioner filter features

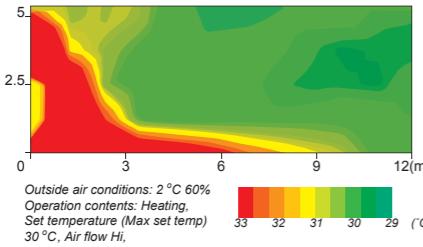


Power diffuser

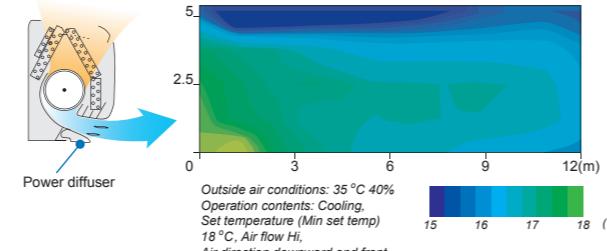


"Strong vertical air flow" provides powerful floor level heating.

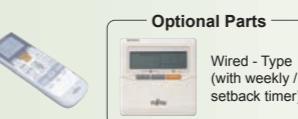
No.1 maximum heating capacity 10kW attained



"Healthy horizontal air flow" does not blow cool air directly at the occupants in the room.



Simple & Thin design harmonizes with the interior



Rank A ALL DC V PAM

AGYV9LA
C 2.60kW—BTU/h
H 3.50kW—BTU/h

Rank A ALL DC V PAM

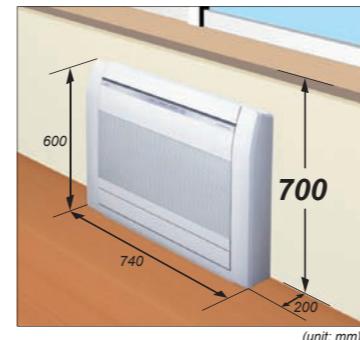
AGYV12LA
C 3.50kW—BTU/h
H 4.50kW—BTU/h

Rank A ALL DC V PAM

AGYV14LA
C 4.20kW—BTU/h
H 5.20kW—BTU/h

Flexible & easy installation

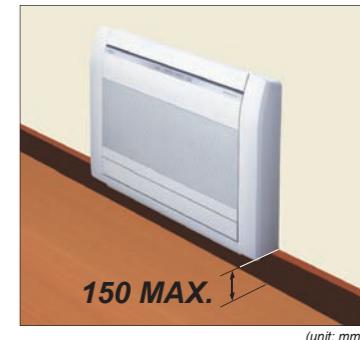
Beneath standard window



Standard concave portion

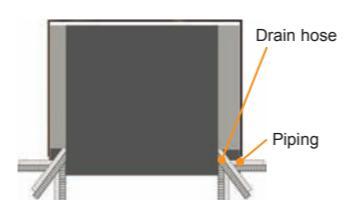


Wall

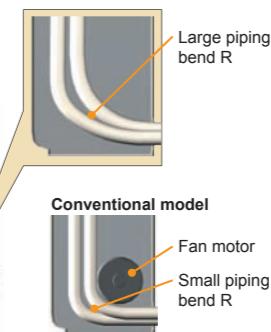
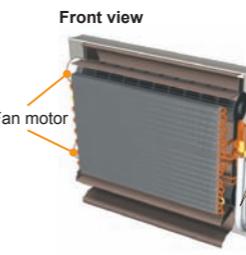


Choice of 6-direction drain and piping connection

Back view



Space is wide and piping work is easy



Quiet operation

Fan speed	Noise level
Quiet	22dB(A)

Low ambient outdoor temperature design

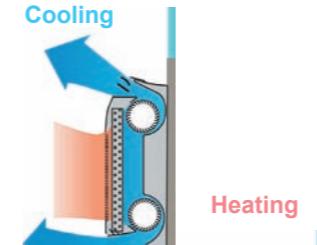
Cooling	-10 to 43°C
Heating	-15 to 24°C

SPECIFICATIONS

Item	WALL MOUNTED TYPE		FLOOR TYPE	
	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
Rank (Cooling/Heating)	A/A	B/B	A/A	A/A
Capacity	Cooling kW Heating BTU/h	7.10(0.9~8.0) 8.10(0.9~10.6)	8.00(2.9~9.0) 9.00(2.2~11.0)	2.60(0.9~3.5) 3.50(0.9~5.2)
Moisture Removal	I/h	*	*	*
Room Air Circulation (High)	Inner m³/h Outer	*	*	*
Input Power	V/ø/Hz	230/1/50	230/1/50	230/1/50
Running Current	A	*	*	*
Power Consumption	kW	2.21 2.24	2.66 2.64	0.58 0.8
EER	kW/kW	3.21 3.62	3.01 3.41	4.48 4.38
COP				1.02 1.21
Dimensions H x W x D	Inner mm kg(lbs)	320x998x228 14	320x998x228 14	600x740x200 15
Net Weight	Outer mm kg(lbs)	578x790x315 62	830x900x330 36	540x790x290 36
Connection Method		Flare	Flare	Flare
Connection Pipe Size (Smallø/Largeø)	mm	6.35/15.88	9.52/15.88	6.35/9.52
Max Pipe Length /Height Difference	m	30(15)	50(20)	20(15)
Permissible Range of Outdoor Temp.	°C	-10~43 -15~24	-10~43 -15~24	-10~43 -15~24
Refrigerant		R410A	R410A	R410A

2-Fan & wide air flow

Cooling



Heating

