

INVERTER WALL MOUNTED TYPE

New



ASYA07LC Rank A i PAM
 Hi-COP:—(W/W)
 C 2.20kW / 7,200BTU/h
 H 3.00kW / 10,200BTU/h

ASYA09LC Rank A i PAM
 Hi-COP:4.26(W/W)
 C 2.60kW / 8,900BTU/h
 H 3.60kW / 12,300BTU/h

ASYA12LC Rank A V PAM
 Hi-COP:3.87(W/W)
 C 3.50kW / 11,900BTU/h
 H 4.80kW / 16,400BTU/h

ASYA14LC Rank A ALL DC V PAM
 Hi-COP:3.86(W/W)
 C 4.20kW / 14,300BTU/h
 H 5.60kW / 19,100BTU/h

ASYA18LC Rank A ALL DC V PAM
 Hi-COP:3.61(W/W)
 C 5.20kW / 17,700BTU/h
 H 6.25kW / 21,300BTU/h

Air conditioner filter features



Apple-catechin filter AF

Fine dust, invisible mold spores, and harmful microorganisms are absorbed onto the filter by static electricity, and further growth is inhibited and deactivated by the polyphenol ingredient extracted from apples.

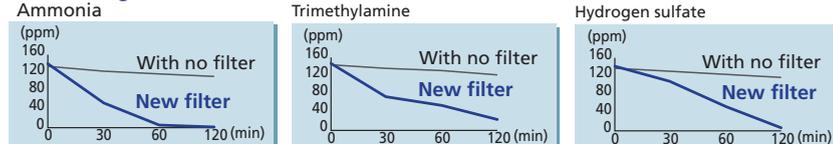


Long-life* Ion deodorization filter Ion

The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine-particle ceramic. (* The filter can be used for approximately 3 years if it is washed under water to restore its surface action when it is dirty.)



Deodorizing effect (Odor reduction rate)



Testing organization : Environmental Sanitary Inspection Center Test method : Deodorization Test

Easy maintenance

Easy maintenance and always clean.
 Troublesome maintenance has been made easy.
 Since the front panel is easy to remove, maintenance is also easy.

Open panel



ASYA07I09/12/14/18LC



ASYA24I30LC

Inner drying operation

This model is equipped with an inner drying function. After the power is turned off, the dry operation starts inside the air conditioner. This prevents the growth of mold and bacterial inside the air conditioner.

During dewcondensation

Approx. 20 mins Drying



Specifications

Model No.		WALL MOUNTED TYPE							
Item	Indoor Unit	ASYA07LC	ASYA09LC	ASYA12LC	ASYA14LC	ASYA18LC	ASYA24LC	ASYA30LC	
	Outdoor Unit	AOYR07LC	AOYR09LC	AOYR12LC	AOYR14LC	AOYR18LC	AOYR24LC	AOYR30LC	
Rank		A / A	A / A	A / A	A / A	B / A	A / A	B / B	
Capacity	Cooling kW	2.10(0.5~3.0)	2.60(0.5~3.6)	3.50(0.9~4.3)	4.20(0.9~5.3)	5.20(0.9~5.7)	7.10(~8.0)	8.00(~9.0)	
	Heating kW	3.00(0.5~4.6)	3.60(0.5~5.3)	4.80(0.9~6.7)	5.60(0.9~8.4)	6.25(0.9~9.1)	8.10(~10.0)	9.00(~11.0)	
	Cooling BTU/h	7,200	8,900	11,900	14,300	17,700	24,200	27,300	
	Heating BTU/h	10,200	12,300	16,400	19,100	21,300	27,600	30,700	
Moisture Removal	l/h	*	1.3	1.8	2.1	2.8	3.0	3.6	
Room Air Circulation (High)	Inner m ³ /h	*	595	635	700	700	1,100	1,100	
	Outer m ³ /h	*	*	1,850	1,910	2,000	2,040	3,600	
Input Power	V/ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	
Running Current	Cooling A	*	3.20	4.30	5.00	7.60	9.70	11.70	
	Heating A	*	4.00	5.60	6.40	7.70	9.80	11.60	
Power Consumption	Cooling kW	*	0.655	0.92	1.11	1.72	2.21	2.66	
	Heating kW	*	0.845	1.24	1.45	1.73	2.24	2.64	
EER	Cooling	-	3.97	3.80	3.78	3.02	3.21	3.01	
COP	Heating	-	4.26	3.87	3.86	3.61	3.62	3.41	
Dimensions H x W x D	Inner mm	275x790x215	275x790x215	275x790x215	275x790x215	275x790x215	320x998x228	320x998x228	
	kg(lbs)	9(20)	9(20)	9(20)	9(20)	9(20)	16(35)	16(35)	
Net Weight	Outer mm	540x660x290	540x660x290	540x790x290	578x790x300	578x790x300	578x790(+66)x315	830x900x330	
	kg(lbs)	34(75)	34(75)	37(82)	40(88)	40(88)	44(97)	62(137)	
Connection Method		Flare	Flare	Flare	Flare	Flare	Flare	Flare	
Connection Pipe Size (Small/Large)	mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70	6.35/12.70	6.35/15.88	9.52/15.88	
Max Pipe Length /Height Difference	m	20(15)	20(15)	20(15)	20(15)	20(15)	20	50(15)	
Permissible Range of Outdoor Temp.	Cooling °C	10~43	10~43	10~43	-10~43	-10~43	-10~43	-10~43	
	Heating °C	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A	R410A	



New
Flat panel



for ASYA24LC



for ASYA30LC



AS YA24LC

Hi-COP:3.62(W/W)
 7.10kW/24,200BTU/h
 8.10kW/27,600BTU/h

Rank A ALL DC V PAM

AS YA30LC

Hi-COP:3.41(W/W)
 8.00kW/27,300BTU/h
 9.00kW/30,700BTU/h

ALL DC V PAM

*The following contents apply to ASYA24LC models.

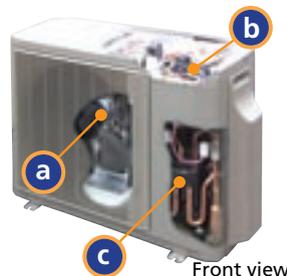
All DC



Heat exchange capacities 20% up compared to conventional models

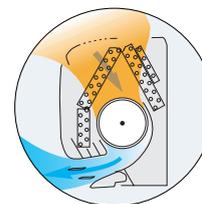
DC fan motor

- a** DC fan motor
- b** V-PAM control
V-PAM technology makes a compressor more powerful.
- c** DC scroll compressor
More compact compared with conventional model

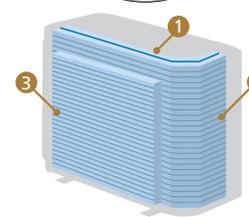


Front view

Energy saving Rank A



High efficiency layout
 Large air flow and quiet operation by new air flow path

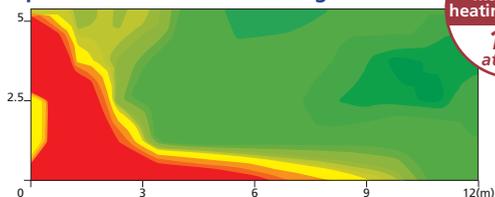


Back view

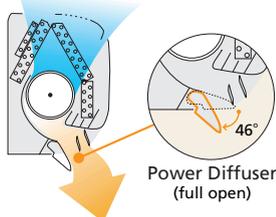
New 3-row heat exchange system

Power Diffuser

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



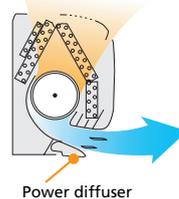
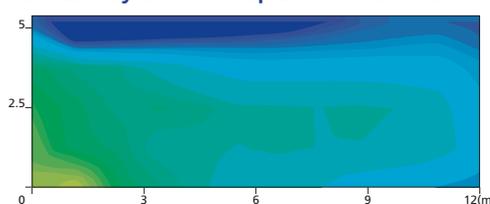
No.1 maximum heating capacity
10kW attained



Power Diffuser (full open)

33 32 31 30 29 (°C)
 Outside air conditions: 2 °C 60%
 Operation contents: Heating,
 Set temperature (Max set temp)
 30 °C, Air flow Hi, Air direction
 downward and front

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



Power diffuser

15 16 17 18 (°C)
 Outside air conditions: 35 °C 40%
 Operation contents: Cooling,
 Set temperature (Min set temp)
 18 °C, Air flow Hi,
 Air direction downward and front

Compact design

Conventional model



(unit:mm) H320 x W1,120 x D220



H900 x W900 x D350

70kg



New model



H320 x W998 x D228



H578 x W790 x D315

44kg