

ABY30E

Ⓒ 8.40-8.50kW / 28,700-29,000BTU/h

ABY36E3

Ⓒ 10.3-10.5kW / 35,200-35,900BTU/h

ABY45E3

Ⓒ 12.4-12.7kW / 42,400-43,400BTU/h

ABY54E3

Ⓒ 13.9-14.1kW / 47,500-48,100BTU/h

ABY36T3

Ⓒ 10.3-10.5kW / 35,200-35,900BTU/h

Ⓓ 10.8-11.0kW / 36,900-37,600BTU/h

ABY45T3

Ⓒ 12.4-12.7kW / 42,400-43,400BTU/h

Ⓓ 14.0-14.3kW / 47,800-48,800BTU/h

Ultra thin and
wide air flow design
for elegance and
comfort

LARGE
SIZED
CEILING
TYPE

REFRIGERANT **R407C**



Wall-Fixed/Handy Type



For ABY30E



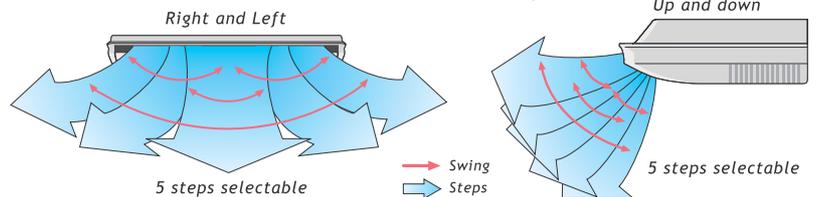
For ABY36E3/36T3/
45E3/45T3/54E3



Wide air flow proportion

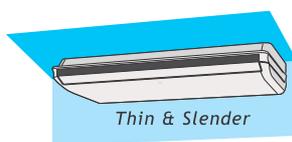


Double Auto Swing



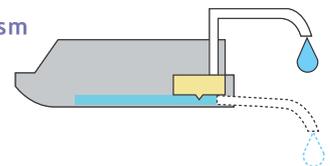
Thin & slender form

A thin & slender shape with curves helps to create a perfect harmony with room interior.



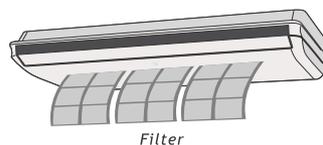
Drain water lift-up mechanism

Optional drain water lift-up mechanism offers more flexible installation.

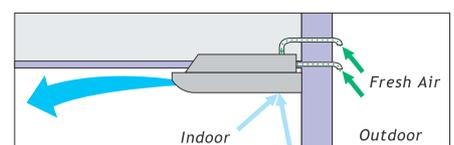


Long-life filter

Since the filter can be simply detached, it can be cleaned easily.



Fresh-air intake



► FEATURE SUMMARY

Type	Model No.	Super Quiet	Super Power	Moisture Removal	Up/Down Swing Flaps	Double Swing	Automatic Flaps	Auto Shut Flaps	Automatic Air Flow Adjustment	Auto Restart	Sleep Timer	Program Timer	Auto-Changeover	Weekly Timer	Connectable Distributing Duct	Connectable Fresh Air Duct
LARGE SIZED CEILING TYPE	ABY 30E/36E3/45E3/54E3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	ABY 36T3/45T3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

► EXPLANATION OF FEATURES

Super Quiet

Quiet operation is assured even while the fan is working on high mode.

Super Power

The efficiency-improved compressor and heat exchanger quickly changes your room into a comfortable environment.

Moisture Removal

The computer effectively dehumidifies the air.

Up/Down Swing Flaps

The up/down flaps automatically swing to up and down.

Double Swing

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.

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.

Auto-Changeover

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

Weekly Timer

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

► SPECIFICATIONS

		LARGE SIZED CEILING TYPE				
Model No.		I.U.	ABY36T3	ABY45E3	ABY45T3	ABY54E3
Item		O.U.	AOY36T3	AOY45E3	AOY45T3	AOY54E3
Capacity	Cooling	kW	10.3 – 10.5	12.4 – 12.7	12.4 – 12.7	13.9 – 14.1
			10.8 – 11.0	—	14.0 – 14.3	—
	Heating	BTU/h	35,200 – 35,900	42,400 – 43,400	42,400 – 43,400	47,500 – 48,100
			36,900 – 37,600	—	47,800 – 48,800	—
Moisture Removal		l/h	4.0	5.5	6.0	
Room Air Circulation(High)	Inner	m ³ /h	1,660	1,850	2,100	
	Outer		6,000	5,500	5,500	
Input Power		V/ø/Hz	380 - 415 / 3 / 50			
Running Current	Cooling	A	6.90 – 6.80	8.60 – 8.80	8.20 – 8.40	9.60 – 9.30
			6.50 – 6.30	—	9.00 – 9.00	—
Power Consumption	Cooling	kW	4.00 – 4.04	4.76 – 4.80	4.55 – 4.60	5.65 – 5.65
			3.68 – 3.65	—	5.05 – 5.05	—
EER	Cooling	kW/kW	2.58 – 2.60	2.60 – 2.65	2.73 – 2.76	2.46 – 2.50
			2.93 – 3.01	—	2.77 – 2.83	—
Dimensions HxWxD	Inner	mm	240 x 1,660 x 700			
		kg(lbs)	48(106)		49(108)	
Net Weight	Outer	mm	1,152 x 940 x 370			
		kg(lbs)	100(220)	102(225)	110(243)	108(238)
Connection Method			Flare			
Connection Pipe Size (Small/Large)		mm	9.53 / 19.05			
Max Pipe Length Height Difference		m	50			
			30			
Permissible Range of Outdoor Temperature	Cooling	°C	0 ~ 43			
			Heating	-8 ~ 24	—	-8 ~ 24
Grille			—			
Redigerant			R407C			

LARGE SIZED CEILING TYPE	
ABY30E	ABY36E3
AOY30E	AOY36E3
8.40 – 8.50	10.3 – 10.5
—	—
28,700 – 29,000	35,200 – 35,900
—	—
4.0	4.0
1,270	1,660
3,450	5,900
220-240/1/50	380-415/3/50
16.9 – 17.0	7.00 – 6.90
—	—
3.53 – 3.58	4.05 – 4.05
—	—
2.38 – 2.37	2.54 – 2.59
—	—
240x1,660x700	
48(106)	
900x900x350	1,152x940x370
77(170)	94(207)
9.53/19.05	
30	50
15	30
0 ~ 43	
—	