

## 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

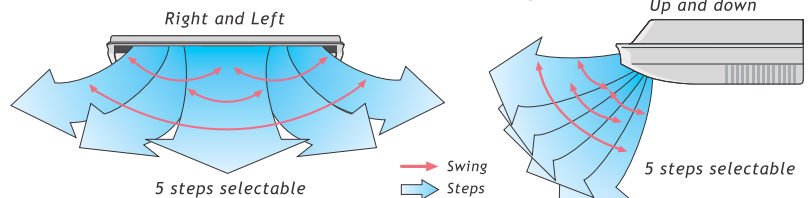


For ABY36E3/36T3/45E3/45T3/54E3

### Wide air flow proportion

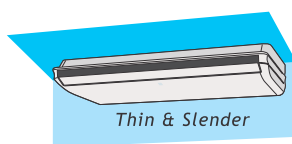


### Double Auto Swing



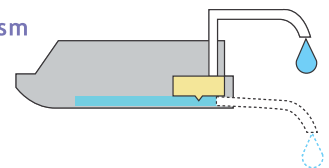
### Thin & slender form

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



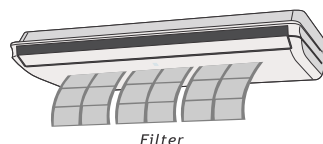
### Drain water lift-up mechanism

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

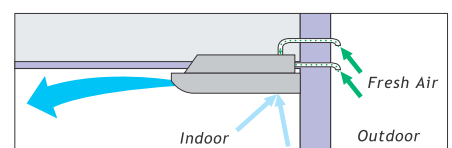


### Long-life filter

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	ABY 30E/36E3/45E3/54E3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CEILING TYPE	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
	Cooling	kW	10.3 - 10.5	12.4 - 12.7	12.4 - 12.7	13.9 - 14.1
Heating	10.8 - 11.0		—	14.0 - 14.3	—	
Capacity	Cooling	BTU/h	35,200 - 35,900	42,400 - 43,400	42,400 - 43,400	47,500 - 48,100
	Heating		36,900 - 37,600	—	47,800 - 48,800	—
Moisture Removal	l/h		4.0	5.5		6.0
Room Air Circulation(High)	Inner	m <sup>3</sup> /h	1,660	1,850		2,100
	Outer		6,000	5,500	5,500	5,500
Input Power	V/o/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
	Heating		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
	Heating		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
	Heating		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	
—	