

# COMPACT CASSETTE TYPE

Compact design for easy installation and maintenance

REFRIGERANT **R407C**



## AUY12E

Ⓒ 3.65-3.75kW / 12,500-12,800BTU/h

## AUY14E

Ⓒ 4.00-4.10kW / 13,700-14,000BTU/h

## AUY18E

Ⓒ 4.95-5.10kW / 16,900-17,400BTU/h

## AUY12T

Ⓒ 3.55-3.60kW / 12,100-12,300BTU/h  
Ⓓ 4.00-4.10kW / 13,700-14,000BTU/h

## AUY14T

Ⓒ 3.90-4.00kW / 13,300-13,700BTU/h  
Ⓓ 4.50-4.60kW / 15,400-15,700BTU/h

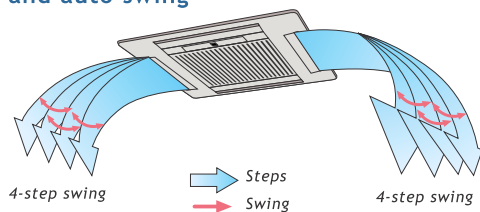
## AUY18T

Ⓒ 4.85-5.00kW / 16,600-17,100BTU/h  
Ⓓ 5.30-5.45kW / 18,100-18,600BTU/h



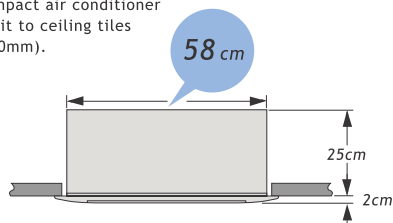
Wall-Fixed/Handy Type

### Auto air flow direction and auto swing



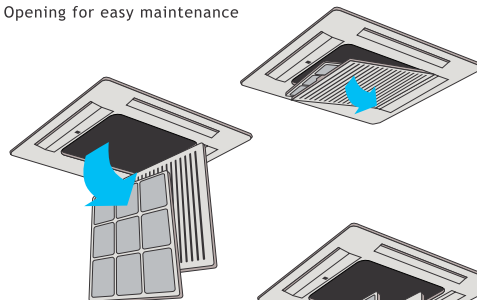
### Compact design

This compact air conditioner can be fit to ceiling tiles (600x600mm).



### Easy maintenance

Opening for easy maintenance

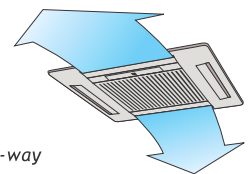


**Simple maintenance**  
Control switches are installed in the grille to realize easy maintenance. Easy maintenance by wide opening.

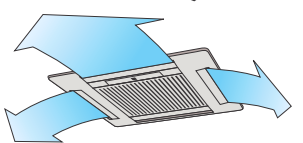
**Detachable and washable air intake grille**  
Wide opening and Long-Life Filter.

### 4-Way air flow system

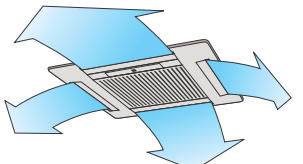
2-way



3-way



4-way



## AUY25E

Ⓒ 7.00-7.10kW / 23,900-24,200BTU/h

## AUY25E3

Ⓒ 7.00-7.10kW / 23,900-24,200BTU/h

## AUY36E3

Ⓒ 10.3-10.5kW / 35,200-35,800BTU/h

## AUY45E3

Ⓒ 12.4-12.7kW / 42,300-43,400BTU/h

## AUY54E3

Ⓒ 13.9-14.1kW / 47,500-48,200BTU/h

## AUY25T

Ⓒ 6.95-7.05kW / 23,700-24,000BTU/h  
 Ⓓ 7.75-8.00kW / 26,500-27,300BTU/h

## AUY30E

Ⓒ 8.40-8.50kW / 28,700-29,000BTU/h

## AUY36T3

Ⓒ 10.3-10.5kW / 35,200-35,800BTU/h  
 Ⓓ 10.8-11.0kW / 36,900-37,600BTU/h

## AUY45T3

Ⓒ 12.4-12.7kW / 42,300-43,400BTU/h  
 Ⓓ 14.0-14.3kW / 47,800-48,800BTU/h

Slim cassette  
 design ideal for  
 small spaces

CASSETTE  
 TYPE

REFRIGERANT R407C



Wired-Type  
 (With Weekly Timer)



For AUY 25E/25T/25E3



For AUY 30E



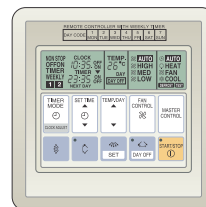
For AUY 36E3/36T3/  
 45E3/45T3/54E3

### Weekly timer

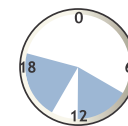
Three kinds of timer setting (OFF/ON/WEEKLY) are possible.

#### Function of weekly timer.

- Setting of different on-off times day by day.
- Setting of on-off times twice a day.
- Setting of time in 5-minute steps.
- Timer operation for a reserved day can be cancelled in advance by pushing the "DAY OFF" button.
- Time setting can be left until the next day.



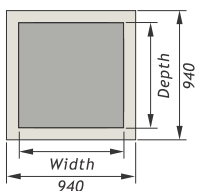
Sun Mon Tue Wed Thu Fri Sat



Operation  
 On time 8:00~12:00  
 On time 14:00~19:00

### Slim size & slender fit (2-way setting)

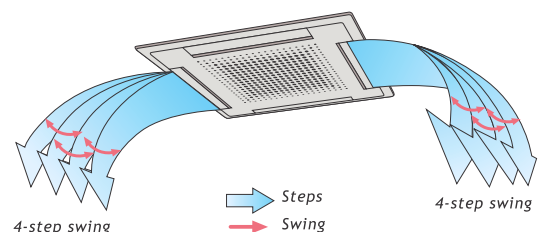
The smallest and compact body realizes space saving installation.



Dimensions(mm)

Model	AUY25/30	AUY36/45/54
Height	235 or 200	285 or 250
Width	830	830
Depth	830	830

### Auto air flow direction and auto swing



## ► 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	Sleep Timer	Program Timer	Auto-Changeover	Weekly Timer	Connectable Distributing Duct	Connectable Fresh Air Duct
COMPACT CASSETTE TYPE	AUY 12E/14E/18E	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	AUY 12T/14T/18T	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CASSETTE TYPE	AUY 25E/25E3/30E/36E3/45E3/54E3	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	AUY 25T/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

COMPACT CASSETTE TYPE

AUY12E	AUY12T	AUY14E	AUY14T
AOY12E	AOY12T	AOY14E	AOY14T
3.65 - 3.75	3.55 - 3.60	4.00 - 4.10	3.90 - 4.00
—	4.00 - 4.10	—	4.50 - 4.60
12,500 - 12,800	12,100 - 12,300	13,700 - 14,000	13,300 - 13,700
—	13,700 - 14,000	—	15,400 - 15,700
1.6		1.8	
550			
2,700			
220 - 240 / 1 / 50			
6.50 - 6.60	6.50 - 6.60	7.40 - 7.40	7.60 - 7.60
—	6.40 - 6.50	—	7.80 - 7.80
1.35 - 1.42	1.35 - 1.42	1.55 - 1.65	1.62 - 1.72
—	1.33 - 1.40	—	1.66 - 1.76
2.70 - 2.64	2.63 - 2.54	2.58 - 2.48	2.41 - 2.33
—	3.01 - 2.93	—	2.71 - 2.61
235 x 580 x 580 + 70			
18(40)			
700 x 900 x 350			
49(108)			
Flare			
6.35 / 12.70			
20			
8			
10 ~ 46	10 ~ 43	10 ~ 46	10 ~ 43
—	-5 ~ 24	—	-5 ~ 24
UTG-UDYB-W			

COMPACT CASSETTE TYPE

CASSETTE TYPE

Model No.	I.U.		AUY18E	AUY18T	AUY25E	AUY25T	AUY25E3	AUY30E	AUY36E3
	O.U.		AOY18E	AOY18T	AOY25E	AOY25T	AOY25E3	AOY30E	AOY36E3
Capacity	Cooling	kW	4.95 - 5.10	4.85 - 5.00	7.00 - 7.10	6.95 - 7.05	7.00 - 7.10	8.40 - 8.50	10.30 - 10.50
			Heating	—	5.30 - 5.45	—	7.75 - 8.00	—	—
	Cooling	BTU/h	16,900 - 17,400	16,600 - 17,100	23,900 - 24,200	23,700 - 24,000	23,900 - 24,200	28,700 - 29,000	35,200 - 35,800
			Heating	—	18,100 - 18,600	—	26,500 - 27,300	—	—
Moisture Removal	l/h		2.1		2.5		2.5	4.0	5.0
Room Air Circulation(High)	Inner	m <sup>3</sup> /h	650		1,100		1,100	1,200	1,500
	Outer		3,000		3,000		3,000	3,450	5,900
Input Power	V/ø/Hz		220 - 240 / 1 / 50				380 - 415 / 3 / 50	220 - 240 / 1 / 50	380 - 415 / 3 / 50
Running Current	Cooling	A	9.20 - 9.10	8.30 - 8.30	12.80 - 13.20	13.00 - 12.30	5.10 - 5.10	16.9 - 17.0	7.00 - 6.90
			Heating	—	8.60 - 8.60	—	12.20 - 11.70	—	—
Power Consumption	Cooling	kW	2.00 - 2.10	1.80 - 1.90	2.80 - 2.85	2.80 - 2.85	2.87 - 2.92	3.53 - 3.58	4.05 - 4.05
			Heating	—	1.85 - 1.95	—	2.65 - 2.75	—	—
EER	Cooling	kW/kW	2.48 - 2.43	2.69 - 2.63	2.50 - 2.49	2.48 - 2.47	2.44 - 2.43	2.38 - 2.37	2.54 - 2.59
			Heating	—	2.86 - 2.79	—	2.92 - 2.91	—	—
Dimensions HxWxD	Inner	mm	235 x 580 x 580 + 70			246 x 830 x 830			296 x 830 x 830
		kg(lbs)	18(40)			34(75)			47(104)
Net Weight	Outer	mm	700 x 900 x 350						1,152 x 940 x 370
		kg(lbs)	59(130)	64(141)	70(155)	73(161)	70(155)	77(170)	94(207)
Connection Method			Flare						
Connection Pipe Size (Small/Large)	mm		6.35 / 12.7		9.53 / 15.88		9.53 / 15.88		9.53 / 19.05
Max Pipe Length	m		20		25		30		50
	Height Difference		8		15		30		30
Permissible Range of Outdoor Temperature	Cooling	°C	10 ~ 43		0 ~ 43		—		—
			Heating	—	-5 ~ 24	—	—	—	
Refrigerant			R407C						

CASSETTE TYPE

AUY36T3	AUY45E3	AUY45T3	AUY45E3
AOY36T3	AOY45E3	AOY45T3	AOY45E3
10.30 - 10.50	12.40 - 12.70	12.40 - 12.70	13.9 - 14.1
10.80 - 11.00	—	14.00 - 14.30	—
35,200 - 35,800	42,300 - 43,400	42,300 - 43,400	47,500 - 48,200
36,900 - 37,600	—	47,800 - 48,800	—
5.0	6.0		
1,500	1,650		1,780
5,900	5,500		5,500
380 - 415 / 3 / 50			
6.90 - 6.80	8.60 - 8.80	8.20 - 8.40	9.6 - 9.3
6.50 - 6.30	—	9.00 - 9.00	—
4.00 - 4.04	4.76 - 4.80	4.55 - 4.60	5.65 - 5.65
3.68 - 3.65	—	5.05 - 5.05	—
2.58 - 2.60	2.61 - 2.65	2.73 - 2.76	2.46 - 2.50
2.93 - 3.01	—	2.77 - 2.83	—
296x830x830			
40(88)			
1,152x940x370			
100(220)	102(225)	110(243)	108(122)
Flare			
9.53 / 19.05			
50			
30			
0 ~ 43	0 ~ 46	0 ~ 43	0 ~ 52
-8 ~ 21	—	-8 ~ 21	—