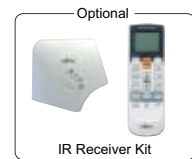


# cassette



AUYA30LB/36LB/45LC

CLASS **A** ALL **DC**



Optional  
IR Receiver Kit



Wired R.C.



AUY54L



Wired R.C.

Designed to be installed into most types of suspended ceiling, the standard cassette is ideal for businesses and commercial premises. Fresh air ventilation can be introduced through the controllable cassettes' louvres. There is also a branch duct facility for air distribution to adjacent areas. The combination of these features gives occupants total control over air movement within the room via an easy-to-use controller. The 4-way cassette is compact, can be concealed within most ceiling voids and is supplied with a long-life washable filter.

- Multi-directional air flow
- Cooling/heating
- Ultra-quiet
- Washable air filter
- Easy-to-use remote controller
- Quick and easy installation
- Seven day timer
- Condensate lift pump



		<b>Inverter Heat Pump - R410A</b>				
		Indoor	AUYA30LB	AUYA36LB	AUYA45LC	AUY54L
		Outdoor	AOYA30LB	AOYA36LB	AOYA45LB	AOY54L
Energy Label (Cooling / Heating)			A / A	A / A	A / A	E / C
Vertical Swing Flaps			✓	✓	✓	✓
Auto Air Flow Adjustment			✓	✓	✓	✓
Auto Restart			✓	✓	✓	✓
Auto-Changeover			✓	✓	✓	✓
Connectable Distributing Duct			✓	✓	✓	✓
Connectable Fresh Air Duct			✓	✓	✓	✓
Weekly + Setback Timer			✓	✓	✓	✓
Nominal Capacity (kW)	Cooling		8.50	10.00	12.50	13.30
	Heating		10.00	11.20	14.00	16.00
Moisture Removal	l/h		2.50	3.00	5.00	5.50
Dimensions (HxWxD) mm	Inner (Ex. Grille)		288x840x840	288x840x840	288x840x840	296x830x830
	Outer		830x900x330	830x900x330	1290x900x330	1290x900x330
Net Weight (kg)	Inner (Inc. Grille)		32	32	33	40
	Outer		62	62	98	105
Room Air Circulation (high) m <sup>3</sup> /h	Inner		1600	1800	1900	1700
	Outer		3600	4000	6600	6600
Power Supply	V-PH-Hz		230/1/50	230/1/50	230/1/50	230/1/50
Power Supply To			Outdoor	Outdoor	Outdoor	Outdoor
Running Current A	Cooling		11.60	13.70	17.00	23.80
	Heating		12.20	13.30	17.00	21.60
Starting Current	A		15.00	15.00	15.00	15.00
Fuse Rating	A		30	30	30	30
Power Consumption kW	Cooling		2.65	3.11	3.89	5.45
	Heating		2.77	3.02	3.77	4.95
Interconnecting Cable			3 + E	3 + E	3 + E	3 + E
Remote Control Type			Wired	Wired	Wired	Wired
Noise Levels (dB(A) Cooling)	Indoor Q/L/M/H		32 / 36 / 38 / 40	32 / 36 / 38 / 43	36 / 40 / 42 / 46	- / 45 / 48 / 50
	Outdoor		54	54	55	54
Max Pipe Length	m		50	50	50	70
Max Height Difference	m		30	30	30	30
Refrigerant Charge	m		20	20	20	20
Pipe Size (inches)	Gas		5/8 (15.88mm)	5/8 (15.88mm)	5/8 (15.88mm)	5/8 (15.88mm)
	Liquid		3/8 (9.52mm)	3/8 (9.52mm)	3/8 (9.52mm)	3/8 (9.52mm)
Operating Range (°C)	Cooling		-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 43
	Heating		-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Refrigerant			R410A	R410A	R410A	R410A
Grille (to be ordered separately)			UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	NA

\*Excludes Grille, Grille dimensions = 50x950x950mm, AUY54L: Grille dimensions = 30x940x940mm  
Only A / A rated systems are eligible for ECA (refer to ECA website for confirmation)

**Optional Parts**  
IR Receiver Unit & Wireless Controller (UTY-IR-HYA1) [EXCEPT AUY54L]  
Air Outlet Shutter Plate (UTR-YDZC)

## Powerful wide flow & quiet operation

### High-efficiency turbo fan with 3-dimensional wing

**Conventional turbo fan**

Air passing through heat exchanger was uneven that the air only flows at the ceiling side.

450mm

Heat exchanger < Motor side >

Uneven airflow

Separation phenomenon of airflow causes noise

Conventional wing

**New turbo fan**

High efficiency achieved by equaling the performance of the wing and air passing the heat exchanger

500mm

Heat exchanger < Motor side >

No airflow separation

3-dimensional wing

Quiet

Wind velocity: Fast, Slow

Spin direction, Airflow direction, Turbulent flow noise

**Conventional flap**

Ceiling gets dirty and air does not reach far wide because air flows along the ceiling.

Front part, Ceiling, Rear part, Flap

Bottom view

Temperature irregularity happens

**New flap**

Making space between the ceiling, the air flows far wide and ceiling does not get dirty.

Front part, Ceiling, Rear part, Round Flap

Bottom view

Much less temperature irregularity happens by spreading airflow widely

## Built-in timers

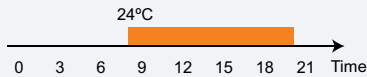
### Weekly timer

Possible to set up to two ON/OFF timers for each day of the week

**Easy-to-understand time bar display**

Screen after setup

Setup screen example  
(Set to Wednesday: 8:00 to 20:00)



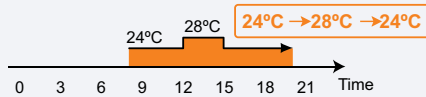
### Setback timer (night set-back timer)

Set a fixed temperature up to twice for each day of the week

Setup screen example  
(Set from Sunday to Saturday: 12:00 to 15:00, 28°C)

### "Weekly timer" + "Setback timer" setting

Set up to two ON/OFF timers with two different temperature settings for each day of the week





For AUYA30LB/36LB



For AUYA45LC



For AUY54L

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, Outdoor Temp.: 7°C DB

**Note:** Fuse ratings shown are only for information. Any fuses or MCB's installed on-site should be sized in accordance with I.E.E. regulations.

**For full installation details please contact FG Eurofred or your local distributor**

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