

INVERTER

COMPACT CASSETTE

Model : AUYG18LVLB / AUYG24LVLA



Wireless R.C.



AOYG18LBCB



AOYG24LBCB



2-stage turbo fan

High efficiency design by 2 stage structure

Previous turbo fan

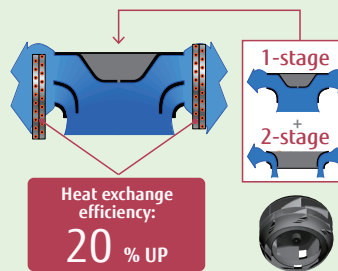
In the case of a conventional fan, the air outlet range was narrow as the airflow moved to the motor side which meant the velocity of air passing through the heat exchanger was uneven.



Wind velocity
Fast
Slow

2-stage turbo fan

An evenly spread air distribution across the heat exchanger is possible due to the 2 stage turbo fan which produces two separate airflow streams.



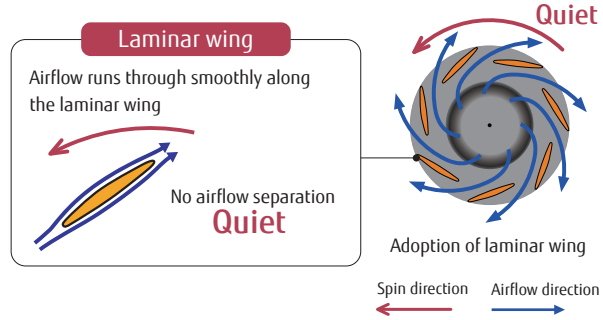
Specifications

Model No.	Indoor unit		AUYG18LVLB	AUYG24LVLA
	Outdoor unit		AOYG18LBCB	AOYG24LBCB
Power Source	V/Ø/Hz		230/1/50	230/1/50
Capacity	Cooling (Min-Max)	kW	5.20(0.9-5.9)	6.80(0.9-8.0)
		BTU/h	17,700(3,100-20,100)	23,200(3,100-27,300)
	Heating (Min-Max)	kW	6.00(0.9-7.5)	8.00(0.9-9.1)
		BTU/h	20,500(3,100-25,600)	27,300(3,100-31,000)
Input Power	Cooling/Heating	kW	1.62/1.66	2.21/2.26
EER	Cooling	W/W	3.21	3.08
COP	Heating	W/W	3.61	3.54
Running Current	Cooling/Heating	A	11.5-13.5	14.7-15.7
Moisture Removal		l/h	2.2	2.7
Sound Pressure Level (Cooling/Heating)	Indoor (High)	dB(A)	38/43	49/49
	Outdoor	dB(A)	50/50	53/54
Airflow Rate (High) (Cooling/Heating)	Indoor	m ³ /h	680/800	930/930
	Outdoor	m ³ /h	2,380/2,080	2,850/2,700
Net Dimension HxWxD	Indoor / Grille	mm	245×570×570/49×700×700	245×570×570/49×700×700
		kg (lbs)	15.0 (33) / 2.6 (6)	16.0 (35) / 2.6 (6)
Net Weight	Outdoor	mm	632×799×290	716×820×315
		kg (lbs)	36 (79)	42 (93)
Piping Connections (Small / Large)		mm	6.35/12.70	6.35/15.88
Drain Pipe Diameter (I.D./O.D.)		mm	25/32	25/32
Max Pipe Length (Pre-Charge)		m	25 (15)	30 (15)
Max Height Difference			15	20
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46
	Heating	°CDB	-15 to 24	-15 to 24
Refrigerant			R410A	R410A
Cassette Grille			UTG-UFYD-W	UTG-UFYD-W

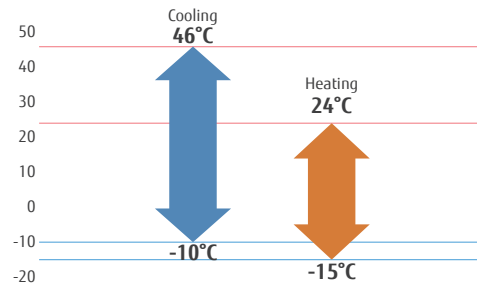
Quiet quality

Optimized wing form (laminar wing type) and wing number (7 blades each)

Designed by CFD-analysis (fluid) simulations

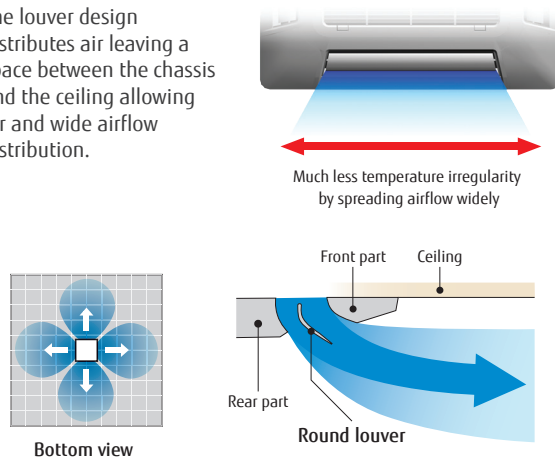


Wide operation range



Improvement of the airflow distribution

The louver design distributes air leaving a space between the chassis and the ceiling allowing far and wide airflow distribution.



Optional parts

Wired Remote Controller:	UTY-RNNYM, UTY-RVNYM
Simple Remote Controller:	UTY-RSNYM
External Switch Controller:	UTY-TERX
External Connect Kit:	UTY-XWZX
Insulation Kit For High Humidity:	UTZ-KXGC
Fresh Air Intake Kit:	UTZ-VXAA
Cassette Grille:	UTG-UFYD-W
Network Converter for single split (DC power supply type):	UTY-VTGX
Network Converter for single split (AC power supply type):	UTY-VTGXV
Air Outlet Shutter Plate:	UTR-YDZB

Dimensions

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(Unit: mm)

