

Compact Cassette

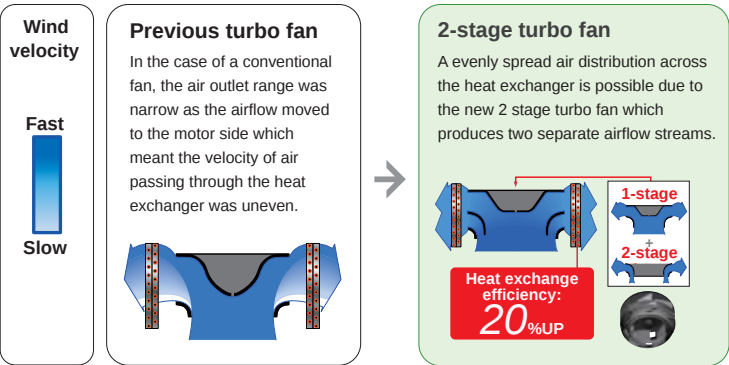
Model : AUYG12LVLB / AUYG14LVLB / AUYG18LVLB / NEW AUYG24LVLA



Features

2-stage turbo fan

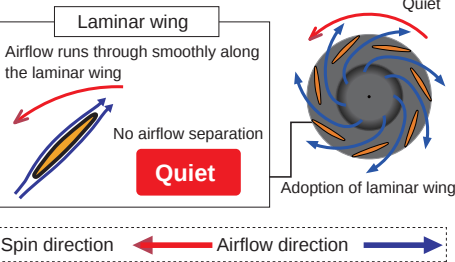
High efficiency design by 2 stage structure



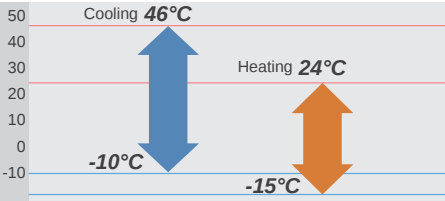
Quiet quality

Optimization of wing form (laminar wing type) and wing number (7 blades each)

Designed by CFD-analysis (fluid) simulations



Low ambient operation



Easy maintenance

1 Maintenance of fan motor and fan

Maintenance of the fan motor and fan can be done easily after taking off the panel as the bell mouth of the fan can be removed easily.

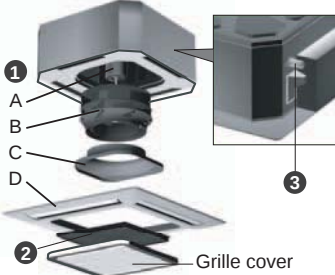
A : Fan motor B : 2-stage turbo fan
C : Bell-mouth D : Panel

2 Air filter

: standard equipment

3 Adaptation of transparent drainage parts

During installation, maintenance and operation, the drain pump and kit can be checked easily.



High lift drain pump



Compact design

Worlds first 24,000Btu model in the compact cassette category (Easy installation by taking off ceiling panel of 600 x 600 size)

Optional parts

Air Outlet Shutter Plate:	UTR-YDZB
Wired Remote Controller:	UTY-RNNYM, UTY-RVNYM
Simple Remote Controller:	UTY-RSNYM
Insulation Kit For High Humidity:	UTZ-KXGC
External Connect Kit:	UTY-XWZX
External Control Set:	UTD-ECS5A
Fresh Air Intake Kit:	UTZ-VXAA

Specifications

Model No.	Indoor unit		AUYG12LVLB	AUYG14LVLB	AUYG18LVLB	AUYG24LVLA
	Outdoor unit		AOYG12LALL	AOYG14LALL	AOYG18LALL	AOYG24LALA
Power Source		V/∅/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Capacity	Cooling	kW	3.5(0.9~4.4)	4.3(0.9~5.4)	5.2(0.9~5.9)	6.8(0.9~8.0)
	Heating	kW	4.1(0.9~5.7)	5.0(0.9~6.5)	6.0(0.9~7.5)	8.0(0.9~9.1)
Input Power	Cooling/Heating	kW	1.05/1.11	1.33/1.34	1.62/1.66	2.21/2.26
EER	Cooling	W/W	3.33	3.21	3.21	3.08
COP	Heating	W/W	3.69	3.71	3.61	3.54
Pdesign	Cooling/Heating (@-10°C)	kW	3.5/4.2	4.3/4.5	5.2/5.2	6.8/6.0
SEER	Cooling	W/W	6.20	6.40	6.20	5.60
SCOP	Heating (Average)	W/W	4.10	4.40	4.20	3.90
Energy Efficiency Class	Cooling		A++	A++	A++	A+
	Heating (Average)		A+	A+	A+	A
Running Current	Cooling/Heating	A	4.8/5.1	6.1/6.1	7.2/7.4	9.7/9.9
Annual Energy Consumption	Cooling	kWh/a	198	235	293	425
	Heating	kWh/a	1431	1432	1731	2151
Moisture Removal		l/h	1.2	1.5	2.2	2.7
Sound Pressure (Cooling)	Indoor	H/M/L/Q	37/34/30/27	38/34/30/27	38/34/30/26	49/44/36/30
	Outdoor	High	47	49	50	52
Sound Power (Cooling)	Indoor	High	49	50	50	59
	Outdoor	High	61	62	62	67
Airflow Rate (High)	Indoor / Outdoor	m³/h	600/1780	680/1910	680/2000	930/2470
		mm	245×570×570/49×700×700	245×570×570/49×700×700	245×570×570/49×700×700	245×570×570/49×700×700
Net Dimension H x W x D	Indoor	kg(lbs)	15(33)/2.6(6)	15(33)/2.6(6)	15(33)/2.6(6)	16(35)/2.6(6)
		mm	578×790×300	578×790×300	578×790×300	578×790×315
	Outdoor	kg(lbs)	40(88)	40(88)	40(88)	44(97)
		mm	578×790×300	578×790×300	578×790×300	578×790×315
Piping Connections (Small / Large)		mm	6.35/9.52	6.35/12.70	6.35/12.70	6.35/15.88
Drain Hose Diameter (I.D./O.D.)		mm	25/32	25/32	25/32	25/32
Max Pipe Length (Pre-Charge)		m	25(15)	25(15)	25(15)	30(15)
Max Height Difference			15	15	15	20
Operation Range	Cooling	°CDB	-10~46	-10~46	-10~46	-10~46
	Heating	°CDB	-15~24	-15~24	-15~24	-15~24
Refrigerant (Global Warming Potential)			R410A(1.975)	R410A(1.975)	R410A(1.975)	R410A(1.975)
Cassette Grille			UTG-UFYD-W	UTG-UFYD-W	UTG-UFYD-W	UTG-UFYD-W

Dimensions Models : AUYG12LVLB / AUYG14LVLB / AUYG18LVLB / AUYG24LVLA

(Unit : mm)

