

INVERTER CASSETTE

Model : AUAG30LRLA / AUAG36LRLA / AUAG45LRLA / AUAG54LRLA



Wired R.C.



AOAG30LBTA
AOAG36LBTA



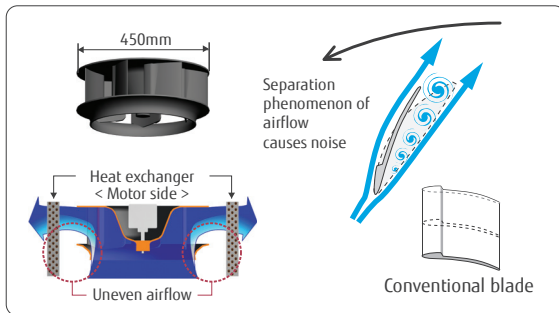
AOAG45LBTA
AOAG54LBTA



High efficiency turbo fan with 3-dimensional blade

Previous turbo fan: Air passing through the heat exchanger was uneven and the air would only flow close to the ceiling.

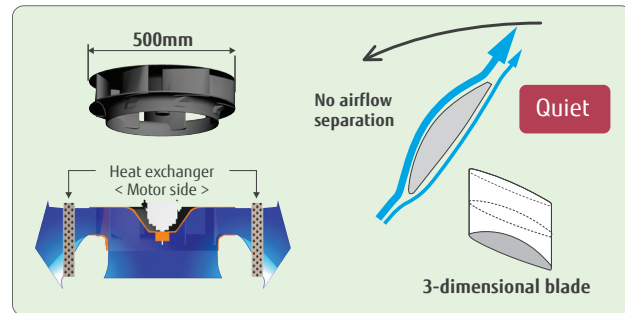
New turbo fan: High efficiency airflow distribution has been achieved by the introduction of a 3 dimensional blade which increases the air passing over the heat exchanger.



Wind velocity

Fast

Slow



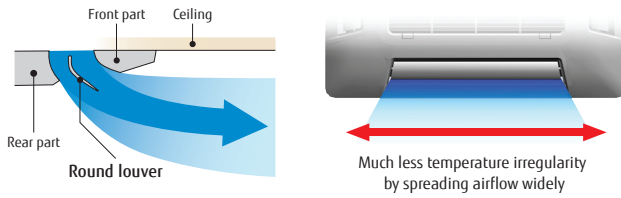
← : Spin direction → : Airflow direction ••••• : Turbulent flow noise

Specifications

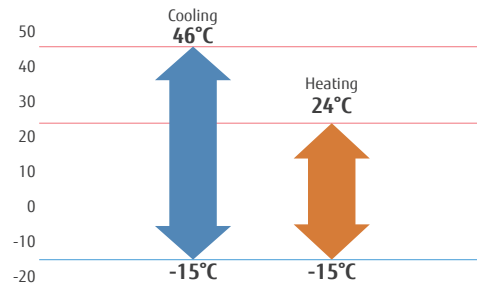
Model No.	Indoor unit		AUAG30LRLA	AUAG36LRLA	AUAG45LRLA	AUAG54LRLA
	Outdoor unit		AOAG30LBTA	AOAG36LBTA	AOAG45LBTA	AOAG54LBTA
Power Source		V/∅/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Capacity	Cooling (Min-Max)	kW	8.50(2.8-10.0)	10.00(2.8-11.2)	12.50(4.0-14.0)	13.3(4.5-14.5)
		BTU/h	29,000(9,500-34,100)	34,100(9,500-38,200)	42,700(13,700-47,800)	45,400(15,400-49,500)
	Heating (Min-Max)	kW	10.00(2.7-11.2)	11.20(2.7-12.7)	14.00(4.2-16.2)	16.0(4.7-16.5)
		BTU/h	34,100(9,200-38,200)	38,200(9,200-43,300)	47,800(14,300-55,300)	54,600(16,000-56,300)
Input Power	Cooling/Heating	kW	2.54/2.77	3.12/3.02	3.88/3.77	4.42/4.69
EER	Cooling		3.35	3.21	3.22	3.01
COP	Heating	W/W	3.61	3.71	3.71	3.41
Running Current	Cooling/Heating	A	11.1/12.2	13.7/13.3	16.9/16.5	19.3/20.5
Moisture Removal		l/h	2.5	3.5	4.5	5.0
Sound Pressure Level (Cooling/Heating)	Indoor (High)		40/40	43/43	46/46	47/47
	Outdoor	dB(A)	53/55	54/55	55/55	55/57
Airflow Rate (High) (Cooling/Heating)	Indoor	m ³ /h	1,600/1,600	1,800/1,800	1,900/1,900	2,000/2,000
	Outdoor		3,600/3,800	3,800/3,800	6,750/6,200	6,750/6,850
Net Dimension HxWxD	Indoor / Grille	mm	288x840x840/50x950x950	288x840x840/50x950x950	288x840x840/50x950x950	288x840x840/50x950x950
		kg (lbs)	23.0(51)/5.5(12)	23.0(51)/5.5(12)	26.0(57)/5.5(12)	26.0(57)/5.5(12)
Net Weight	Outdoor	mm	830x900x330	830x900x330	1,290x900x330	1,290x900x330
		kg (lbs)	61.0(134)	61.0(135)	86.0(190)	86.0(190)
Piping Connections (Small / Large)		mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain Pipe Diameter (I.D./O.D.)		mm	25.0/32.0	25.0/32.0	25.0/32.0	25.0/32.0
Max Pipe Length (Pre-Charge)		m	50(20)	50(20)	50(20)	50(20)
Max Height Difference			30	30	30	30
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A	R410A
Cassette Grille			UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W

Improvement of the airflow distribution

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



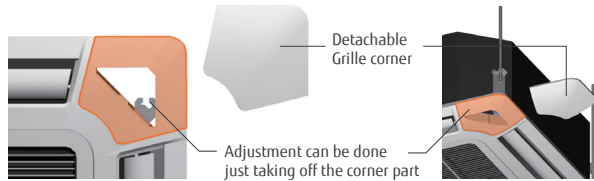
Wide operation range



High lift drain pump



Adjustment of hanger position is possible after installation

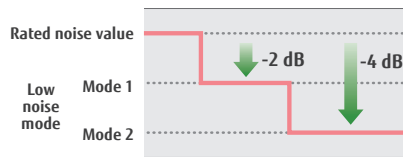


Optional parts

Wired Remote Controller:	UTY-RNNYM
Simple Remote Controller (3-wire type):	UTY-RSNYM
External Connect Kit:	UTD-ECS5A
Wide Panel:	UTG-AGYA-W
Panel Spacer:	UTG-BGYA-W
Cassette Grille:	UTG-UGYA-W
Air Outlet Shutter Plate:	UTR-YDZC
IR Receiver Unit:	UTY-LRHYA2
Wireless LAN Adaptor:	UTY-TFNXZ3
External Connect Kit:	UTY-XWZX
Insulation Kit For High Humidity:	UTZ-KXGA
Fresh Air Intake Kit:	UTZ-VXGA

Low noise mode of outdoor unit (45/54 types)

2 stage low noise mode can be selected. (Option)



Dimensions

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(Unit: mm)

