

Cassette 4-way Flow Comfort for large room

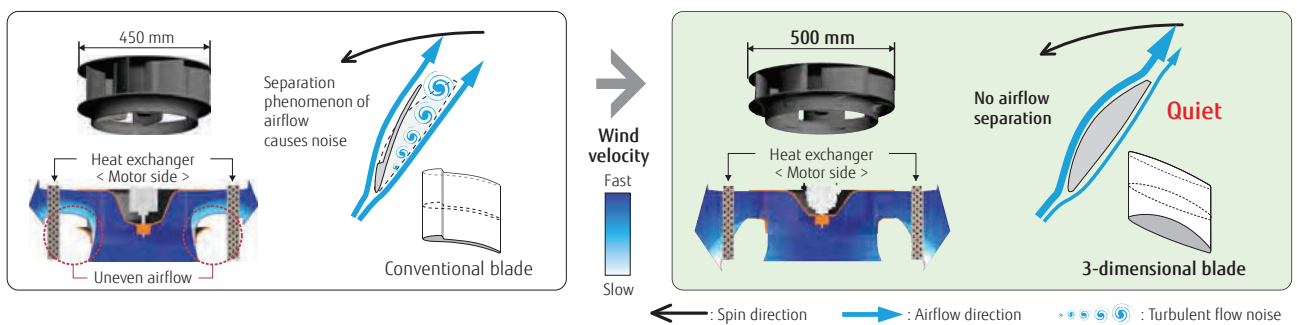


Features

High efficiency turbo fan with 3-dimensional blade

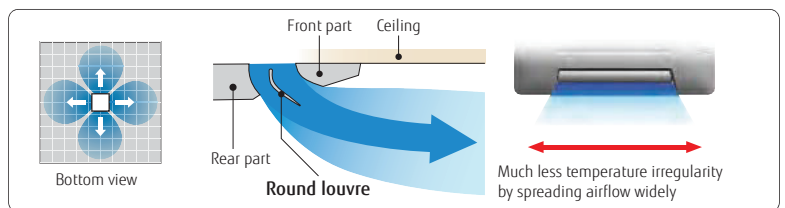
Previous turbo fan: Air passing through the heat exchanger was uneven and the air would only flow close to the ceiling.

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.



Improvement of the airflow distribution

New louvre: The louvre design distributes air leaving a space between the chassis and the ceiling allowing for wide and wide airflow distribution.

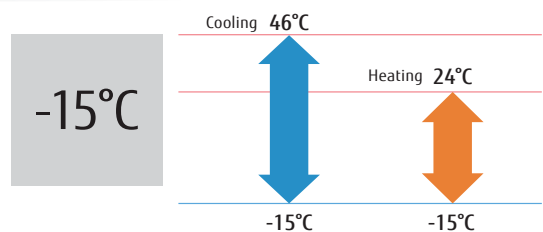


Adjustment of hanger position is possible after installation

Hanging bracket can be checked directly by removing the corner hanging cover. Hanging position can be arranged easily.



Low ambient operation





Model : AUYG30LRLE / AUYG36LRLE / AUYG45LRLA / AUYG54LRLA / AUYG36LRLA [3phase] / AUYG45LRLA [3phase] / AUYG54LRLA [3phase]



Wired R.C.



For AUYG30/36LRLE

For AUYG36/45/54LRLA

Specifications

Model No.	Indoor unit		AUYG30LRLE	AUYG36LRLE	AUYG45LRLA	AUYG54LRLA	AUYG36LRLA	AUYG45LRLA	AUYG54LRLA	
	Outdoor unit		AOYG30LETL	AOYG36LETL	AOYG45LETL	AOYG54LETL	AOYG36LATT	AOYG45LATT	AOYG54LATT	
Power Source	Single-phase, ~230V, 50Hz						3-phase, ~400V, 50Hz			
Nominal Capacity	Cooling	kW	8.5 (2.8-10.0)	10.0 (2.8-11.2)	12.5 (4.0-14.0)	13.3 (4.5-14.5)	10.0 (4.7-11.4)	12.5 (5.0-14.0)	14.0 (5.4-16.0)	
	Heating		10.0 (2.7-11.2)	11.2 (2.7-12.7)	14.0 (4.2-16.2)	16.0 (4.7-16.5)	11.2 (5.0-14.0)	14.0 (5.4-16.2)	16.0 (5.8-18.0)	
UK Total / Sensible Cooling		kW	8.63 / 6.22	10.53 / 7.58	11.66 / 8.63	12.28 / 9.01	9.27 / 6.42	11.63 / 7.64	12.87 / 8.51	
Input Power	Cooling / Heating	kW	2.65 / 2.77	3.12 / 3.02	3.88 / 3.77	4.42 / 4.69	2.44 / 2.56	3.54 / 3.58	4.36 / 4.43	
EER	Cooling	W/W	3.21	3.21	3.22	3.01	4.10	3.53	3.21	
COP	Heating		3.61	3.71	3.71	3.41	4.38	3.91	3.61	
Pdesign	Cooling / Heating (-10°C)	kW	8.5 / 8.0	10.0 / 8.7	-	-	10.0 / 10.0	-	-	
SEER	Cooling	W/W	6.50	6.30	-	-	6.50	-	-	
SCOP	Heating (Average)		4.30	4.20	-	-	4.30	-	-	
Energy Efficiency Class	Cooling		A++	A++	-	-	A++	-	-	
	Heating (Average)		A+	A+	-	-	A+	-	-	
Annual Energy Consumption	Cooling	kWh/a	458	555	-	-	573	-	-	
	Heating		2604	2897	-	-	3253	-	-	
Moisture Removal		l/h	2.5	3.5	4.5	5.0	3.0	4.5	5.0	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	40/38/36/32	43/38/36/32	46/42/40/36	47/43/41/37	44/39/36/33	46/42/40/36	47/43/41/37	
	Indoor (Heating)	H/M/L/Q	40/38/36/32	43/38/36/32	46/42/40/36	47/43/41/37	44/39/36/33	46/42/40/36	47/43/41/37	
	Outdoor(Cooling/Heating)	High	53/55	54/55	55/55	55/57	51/53	54/54	55/56	
Sound Power Level	Indoor(Cooling/Heating)	High	54/54	57/57	-	-	58/58	-	-	
	Outdoor(Cooling/Heating)	High	68/69	69/70	-	-	67/69	-	-	
Airflow Rate	Indoor / Outdoor	High	m ³ /h	1600/3600	1800/3800	1900/6750	2000/6750	1800/6200	1900/6900	2000/6900
Net Dimensions H x W x D	Indoor (ex grille)	mm	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840	
		kg	26	26	26	26	26	26	26	
		mm	830x900x330	830x900x330	1290x900x330	1290x900x330	1290x900x330	1290x900x330	1290x900x330	1290x900x330
Weight	Outdoor	kg	61	61	86	86	104	104	104	
Remote Controller Type (Supplied with unit)			Wired	Wired	Wired	Wired	Wired	Wired	Wired	
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth				3 Core + Earth			
Suggested MCB Size		Amp	20	25	25	25	16	16	16	
Max. Operating Current	Cooling / Heating	Amp	17.0 / 17.0	18.5 / 20.0	20.5 / 20.5	21.5 / 21.5	7.9 / 7.9	8.9 / 8.9	9.9 / 9.9	
Power Supply To			Outdoor				Outdoor			
Connection Pipe Diameter (Gas & Liquid)		Inch	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	
Max Pipe Length (Factory Gas Charge Length)		m	50 (20)	50 (20)	50 (20)	50 (20)	75 (30)	75 (30)	75 (30)	
Max Height Difference			30	30	30	30	30	30	30	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Charge	g	2,100	2,100	3,350	3,350	3,450	3,450	3,450	
Operation Range	Additional Charge	g/m	40	40	40	40	50	50	50	
	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	
Cassette Grille	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
	Model name		UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	
System List Price	Dimensions (H x W x D)	mm	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950	
	Weight	kg	5.5	5.5	5.5	5.5	5.5	5.5	5.5	

Optional parts

Wired Remote Controller:	UTYRVNYM	£104	Modbus Interface:	FJRCMBS1	£234
Simple Remote Controller:	UTYRSNYM	£83	KNX Interface:	FJRCKNX1i	£265
IR Receiver Kit:	UTYLRHYA2	£76	WiFi Interface:	FJRCWIFI1	£234
External Connect Kit:	UTYXWZX	£9			
Fresh Air Intake Kit:	UTZVXGA	£364			

(Refer to page 102 for accessory combinations)

Dimensions

(Unit : mm)

