

Cassette 4-way Flow Comfort for large room

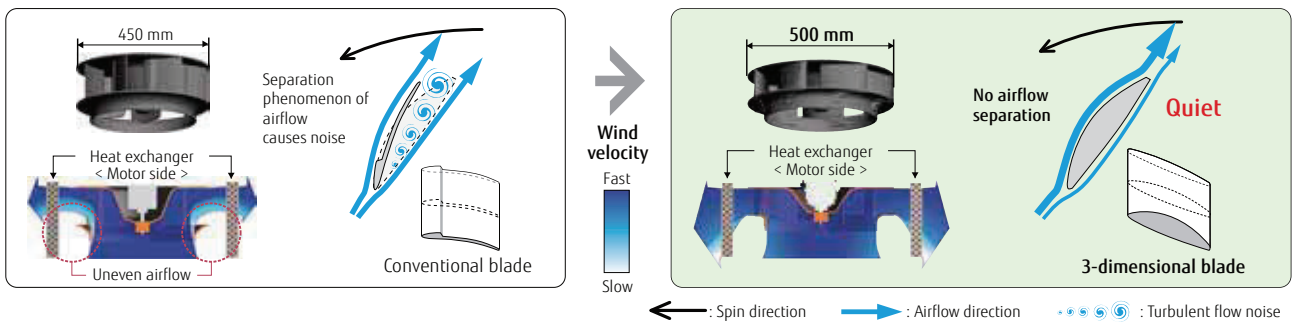


Features

High efficiency turbo fan with 3-dimensional blade

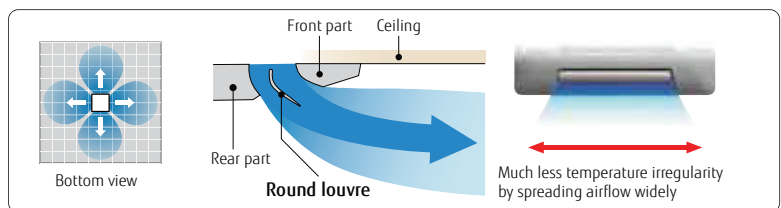
Previous turbo fan: Air passing through the heat exchanger was uneven and the air would only flow close to the ceiling.

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 far and wide airflow distribution.

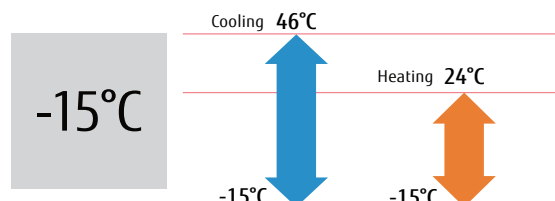


Adjustment of hanger position is possible after installation

Hanging bracket can be checked directly by removing the corner 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

	Indoor	AUYG30LRLE	AUYG36LRLE	AUYG45LRLA	AUYG54LRLA	3-Phase Units		
		Outdoor	AOYG30LETL	AOYG36LETL	AOYG45LETL	AOYG54LETL	AUYG36LRLA	AUYG45LRLA
Nominal Capacity (kW)	Cooling	8.50 (2.80-10.00)	10.00 (2.80-11.20)	12.50 (4.00-14.00)	13.30 (4.50-14.50)	10.00 (4.70-11.40)	12.50 (5.00-14.00)	14.00 (5.40-16.00)
	Heating	10.00 (2.70-11.20)	11.20 (2.70-12.70)	14.00 (4.20-16.20)	16.00 (4.70-16.50)	11.20 (5.00-14.00)	14.00 (5.40-16.20)	16.00 (5.80-18.00)
UK Total / Sensible Cooling *		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
Power Consumption (kW)	Cooling	2.65	3.12	3.88	4.42	2.44	3.54	4.36
	Heating	2.77	3.02	3.77	4.69	2.56	3.58	4.43
EER / COP (Nominal Conditions)		3.21 / 3.61	3.21 / 3.71	3.22 / 3.71	3.01 / 3.41	4.10 / 4.38	3.53 / 3.91	3.21 / 3.61
Pdesign (kW) @ -10°C	Cooling	8.50	10.00	-	-	10.00	-	-
	Heating	8.00	8.70	-	-	10.00	-	-
SEER	Cooling	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 (kWh/a)	Cooling	458	555	-	-	573	-	-
	Heating	2604	2897	-	-	3253	-	-
Moisture Removal	l/h	2.50	3.50	4.50	5.00	3.00	4.50	5.00
Dimensions (HxWxD) mm	Inner (Ex. Grille)*	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840
	Outer	830x900x330	830x900x330	1290x900x330	1290x900x330	1290x900x330	1290x900x330	1290x900x330
Net Weight (kg)	Inner (Ex. Grille)*	26	26	26	26	26	26	26
	Outer	61	61	86	86	104	104	104
Room Air Circulation (high) m3/h	Inner	1600	1800	1900	2000	1800	1900	2000
	Outer	3600	3800	6750	6750	6200	6900	6900
Power Supply	V-PH-Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	400 / 3 / 50	400 / 3 / 50	400 / 3 / 50
Power Supply To		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Running Current (A)	Cooling	11.60	13.70	17.00	19.30	3.70	5.30	6.50
	Heating	12.20	13.30	16.50	20.50	3.90	5.30	6.60
Starting Current	A	12.20	13.70	22.50	23.50	10.00	10.00	10.00
Suggested MCB/Fuse	A	20	20	25	25	16	16	16
Interconnecting Cable		3 + E	3 + E	3 + E	3 + E	3 + E	3 + E	3 + E
Remote Control Type		Wired	Wired	Wired	Wired	Wired	Wired	Wired
Sound Pressure (dB(A) Cooling)	Indoor Q/L/M/H	32 / 36 / 38 / 40	32 / 36 / 38 / 43	36 / 40 / 42 / 46	37 / 41 / 43 / 47	33 / 36 / 39 / 44	36 / 40 / 42 / 46	37 / 41 / 43 / 47
	Outdoor H	53	54	55	55	51	54	55
Sound Power (dB(A) Cooling)	Indoor H	54	57	-	-	58	-	-
	Outdoor H	68	69	-	-	67	-	-
Max Pipe Length	m	50	50	50	50	75	75	75
Max Height Difference	m	30	30	30	30	30	30	30
Refrigerant Charge	m	20	20	20	20	30	30	30
Additional Refrigerant Charge	g/m	40	40	40	40	50	50	50
Pipe Size (inches)	Gas	5/8	5/8	5/8	5/8	5/8	5/8	5/8
	Liquid	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Operating Range (OC)	Cooling	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46
	Heating	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A	R410A
Grille (to be ordered separately)		UTGUGYAW	UTGUGYAW	UTGUGYAW	UTGUGYAW	UTGUGYAW	UTGUGYAW	UTGUGYAW
System List Price	£	2178	2508	2720	3145	2520	2860	3316

*Excludes Grille: Grille dimensions = 50x950X950, Grille weight = 6.5kg

Optional parts

Wired Remote Controller	UTYRVNYM	£100
Simple Remote Controller	UTYRSNYM	£80
IR Reciever Kit:	UTYLRYHA2	£73
Fresh Air Intake Kit	UTZVXGA	£350
External Connect Kit	UTYXWZX	£9
Modbus Interface	FJRCMB51	£225
KNX Interface	FJRCKNX1i	£255
WiFi Interface	FJRCWIF1i	£225



* UK Cooling: indoor temperature 23°CDB / 16°CWB and outdoor temperature 30°C

Dimensions

(Unit : mm)

