

# Cassette

## 4-way Flow

Comfort for large room

Single phase

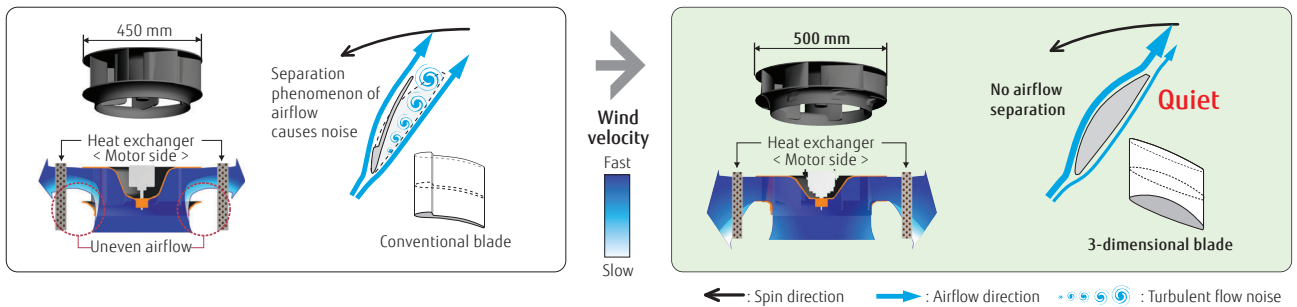


(45/54)

### High efficiency turbo fan with 3-dimensional blade

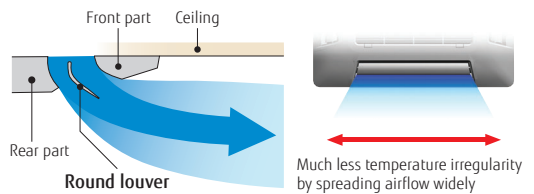
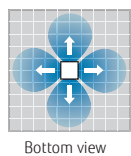
Previous turbo fan: Air passing through the heat exchanger was uneven and the air would only flow close to the ceiling.

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

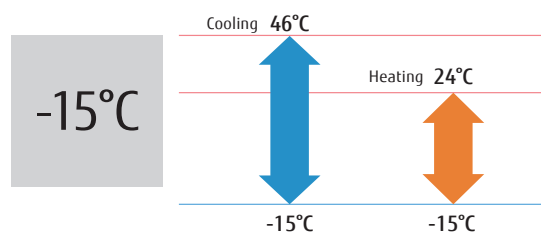


### Adjustment of hanger position is possible after installation

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



### Low ambient operation



**Model : AUYG30LRLE / AUYG36LRLE / AUYG45LRLE / AUYG54LRLE / AUYG36LRLA [3phase] / AUYG45LRLA [3phase] / AUYG54LRLA [3phase]**



Wired R.C.



For AUYG30/36LRLE



For AUYG45LRLE (Single -phase)



For AUYG36/45/54LRLA

**Specifications**

			Tentative								
Model No.	Indoor unit		AUYG30LRLE	AUYG36LRLE	AUYG45LRLE	AUYG45LRLA	AUYG54LRLA	AUYG36LRLA	AUYG45LRLA	AUYG54LRLA	
	Outdoor unit		AOYG30LETL	AOYG36LETL	AOYG45LBTC	AOYG45LETL	AOYG54LETL	AOYG36LATT	AOYG45LATT	AOYG54LATT	
Power Source			Single-phase, ~230V, 50Hz					3-phase, ~400V, 50Hz			
Capacity	Cooling	kW	8.5 (2.8-10.0)	10.0 (2.8-11.2)	12.1 (4.0-13.5)	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)	13.5 (4.2-15.7)	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)	
Input Power	Cooling/Heating	kW	2.65/2.77	3.12/3.02	3.89/3.85	3.88/3.88	4.42/4.69	2.44/2.56	3.54/3.54	4.36/4.43	
EER	Cooling	W/W	3.21	3.21	3.11	3.22	3.01	4.10	3.53	3.21	
	Heating		3.61	3.71	3.51	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	-	6.50	6.30	-	-	-	6.50	-	-	
SCOP	Heating (Average)	W/W	4.30	4.20	-	-	-	4.30	-	-	
	Energy Efficiency Class		Cooling	A++	A++	-	-	-	A++	-	-
	Heating (Average)	A+	A+	-	-	-	A+	-	-		
Max. Operating Current	Cooling/Heating	A	17.0/17.0	18.5/20.0	23.5/23.5	20.5/20.5	21.5/21.5	7.9/7.9	8.9/8.9	9.9/9.9	
Annual Energy Consumption	Cooling	kWh/a	458	555	-	-	-	538	-	-	
	Heating		2604	2897	-	-	-	3253	-	-	
Moisture Removal			l/h	2.5	3.5	4.5	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	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	46/42/40/36	47/43/41/37	44/39/36/33	46/42/40/36	47/43/41/37	
Sound Power Level	Outdoor (Cooling/Heating)	High	53/55	54/55	58/58	55/55	55/57	51/53	54/55	55/56	
	Indoor (Cooling/Heating)	High	54/54	57/57	61/60	-	-	58/58	-	-	
Airflow Rate	Indoor / Outdoor	High	68/69	69/70	72/72	-	-	67/69	-	-	
	Net Dimensions H x W x D	Indoor	mm	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840	
Weight	Indoor	kg(lbs)	26 (57)	26 (57)	26 (57)	26 (57)	26 (57)	26 (57)	26 (57)	26 (57)	
	Outdoor	kg(lbs)	830*900*330	830*900*330	914*970*370	1290*900*330	1290*900*330	1290*900*330	1290*900*330	1290*900*330	
Connection Pipe Diameter (Liquid / Gas)			mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	
Drain hose Diameter (I.D./O.D.)			mm	25.0/32.0	25.0/32.0	25.0/32.0	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)	15 (15)	50 (20)	75 (30)	75 (30)	
Max Height Difference			°CDB	30	30	30	30	30	30	30	
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-10 to 46	-15 to 46	-15 to 46	-10 to 46	-15 to 46	
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	
	Charge	kg(CO2eq-T)	2.10 (4.4)	2.10 (4.4)	2.90 (6.1)	3.35 (7.0)	3.35 (7.0)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)	
Cassette Grille	Model name		UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	
	Dimensions (H x W x D)	mm	50×950×950	50×950×950	50×950×950	50×950×950	50×950×950	50×950×950	50×950×950	50×950×950	
Weight			kg(lbs)	5.5 (12)	5.5 (12)	5.5 (12)	5.5 (12)	5.5 (12)	5.5 (12)	5.5 (12)	

**Optional parts**

- Wired Remote Controller: UTY-RNNYM, UTY-RVNYM
- Simple Remote Controller: UTY-RSNYM
- IR Receiver Kit: UTY-LRHYA2
- Wide Panel: UTG-AKXA-W
- Panel Spacer: UTG-BKXA-W
- Air Outlet Shutter Plate: UTR-YDZK
- Insulation Kit For High Humidity: UTZ-KXRA
- Fresh Air Intake Kit: UTZ-VXRA
- Wireless LAN Interface: UTY-TFNXZ1



**Dimensions**

(Unit : mm)

