

# Cassette

## Circular Flow

Comfort for Large Room



### Unique Circular Flow design

Cassette type realizes Circular Flow to blow large airflow in 360° direction by mounting high performance DC fan motor, turbo fan and unique seamless airflow louver design.



### Individual louver control

Each louver can be set individually by Touch Panel Wired Remote Controller to enjoy the comfort of different directional airflows according to various room layouts.

\*Touch Panel Wired RC (UTY-RNRYZ3) only

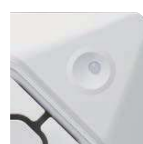


Comfortable air conditioning by preventing direct blowing of cold air and by providing swinging air flow simultaneously.

Efficient air conditioning based on the room layout

### Human sensor increases more energy saving

Energy saving operation starts automatically by detecting the motion of a person. 2 modes of save operation mode and stop mode can be selected.



Human sensor (Option)

2 modes can be selected.

- Auto saving** Power is saved while people are away.
- Auto OFF** Operation stops after people go out.

\*Touch Panel Wired RC (UTY-RNRYZ3) only

### Various Cassette Grille

Both, black and white color grille are available. There are three types: white color grille with Remote Controller, only white color grille and only black color grille. Selectable according to the atmosphere and/or usage of the room.



UTG-UKYA-W White Color Grille With touch panel wired remote controller



UTG-UKYA-B Black Color Grille

UTG-UKY-W White Color Grille

### Model: AUXG18LRB / AUXG24LRB AUXG30LRB / AUXG36LRB / AUXG45LRB / AUXG54LRB



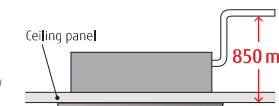
### Specifications

Model No.	Indoor unit		AUXG18LRB	AUXG24LRB	AUXG30LRB	AUXG36LRB	AUXG45LRB	AUXG54LRB
	Outdoor unit		AOYG18LBCA	AOYG24LBCA	AOYG30LBTB	AOYG36LBTB	AOYG45LBTB	AOYG54LBTB
Power Source			Single-phase -230V, 50Hz					
Capacity	Cooling	kW	5.2 (0.9-6.5)	6.8 (0.9-8.0)	8.5 (2.8-10.0)	9.5 (2.8-11.2)	12.5 (4.0-14.0)	13.3 (4.5-14.5)
	Heating	kW	6.0 (0.9-8.0)	7.8 (0.9-9.1)	10.0 (2.7-11.2)	10.8 (2.7-12.7)	14.0 (4.2-16.2)	15.8 (4.7-16.5)
Input Power	Cooling/Heating	kW	1.42/1.50	2.16/2.18	2.56/2.77	2.96/2.91	3.85/3.73	4.38/4.58
	Cooling	kW	3.66	3.15	3.32	3.21	3.25	3.04
LEER	Cooling	W/W	4.00	3.58	3.61	3.71	3.75	3.45
	Heating	W/W	5.2/4.3	6.8/6.0	8.5/8.0	9.5/8.7	-	-
Pdesign	Cooling/Heating(-10°C)	kW	7.05	6.60	6.70	6.40	-	-
	Cooling	kW	4.40	4.20	4.30	4.30	-	-
SEER	Cooling	W/W	4.40	4.20	4.30	4.30	-	-
	Heating (Average)	W/W	4.40	4.20	4.30	4.30	-	-
Energy Efficiency Class	Cooling		A++	A++	A++	A++	-	-
	Heating (Average)		A+	A+	A+	A+	-	-
Max. Operating Current	Cooling/Heating	A	10.0/13.5	13.5/18.5	17.0/17.0	20.0/20.0	20.5/20.5	21.5/21.5
	Cooling	kWh/a	258	361	444	519	-	-
Annual Energy Consumption	Cooling	kWh/a	1.367	1.999	2.604	2.833	-	-
	Heating	kWh/a	2.2	2.7	2.5	3.3	4.5	5.0
Moisture Removal	Indoor (Cooling)	H/M/L/Q	33/32/31/28	35/33/32/29	40/38/36/33	44/41/38/34	46/42/39/35	47/43/40/36
	Indoor (Heating)	H/M/L/Q	33/32/31/28	35/33/32/29	40/38/36/33	44/41/38/34	46/42/39/35	47/43/40/36
Sound Pressure Level	Outdoor (Cooling/Heating)	High	51/50	55/56	53/55	54/55	55/55	55/57
	Indoor (Cooling/Heating)	High	47/47	49/49	54/54	58/58	60/60	61/61
Sound Power Level	Outdoor (Cooling/Heating)	High	64/62	68/68	67/69	68/70	68/68	69/71
	Indoor (Cooling/Heating)	High	1.05/0.1.900	1.150/2.460	1.600/3.600	1.900/3.800	2.000/6.750	2.100/6.750
Airflow Rate	Indoor / Outdoor (Cooling)	High	1.05/0.1.700	1.150/2.360	1.600/3.600	1.900/3.800	2.000/6.200	2.100/6.850
	Indoor / Outdoor (Heating)	High	1.05/0.1.700	1.150/2.360	1.600/3.600	1.900/3.800	2.000/6.200	2.100/6.850
Net Dimensions H x W x D	Indoor	mm	246-840-840	246-840-840	288-900-840	288-840-840	288-840-840	288-840-840
	Outdoor	mm	620-790-290	620-790-290	830-900-330	830-900-330	1290-900-330	1290-900-330
Weight	Indoor	kg(lbs)	24 (53)	24 (53)	26 (57)	26 (57)	29 (64)	29 (64)
	Outdoor	kg(lbs)	41 (90)	41 (90)	61 (134)	61 (134)	86 (189)	86 (189)
Connection Pipe Diameter (Liquid / Gas)	Indoor	mm	6.35/12.7	6.35/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
	Outdoor	mm	25/32	25/32	25/32	25/32	25/32	25/32
Drain hose Diameter (I.D./O.D.)	Indoor	mm	30 (15)	30 (15)	50 (20)	50 (20)	50 (20)	50 (20)
	Outdoor	mm	20	20	30	30	30	30
Max Pipe Length (Pre-Charge)	Indoor	m	20	20	30	30	30	30
	Outdoor	m	20	20	30	30	30	30
Max Height Difference	Indoor	m	6.35/12.7	6.35/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
	Outdoor	m	25/32	25/32	25/32	25/32	25/32	25/32
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating	°CDB	-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)
	Charge	kg(CO2eq-1)	1.80 (3.8)	1.80 (3.8)	2.10 (4.4)	2.10 (4.4)	3.35 (7.0)	3.35 (7.0)
Cassette Grille	Variation		UTG-UKYA-W: White Color with touch panel wired remote controller UTG-UKY-W: White Color / UTG-UKYA-B*: Black Color					
	Dimensions (H x W x D)	mm	53-950-950	53-950-950	53-950-950	53-950-950	53-950-950	53-950-950
Weight	Indoor	kg(lbs)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)
	Outdoor	kg(lbs)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)

\*1: IR Receiver kit and human sensor kit cannot be connected.

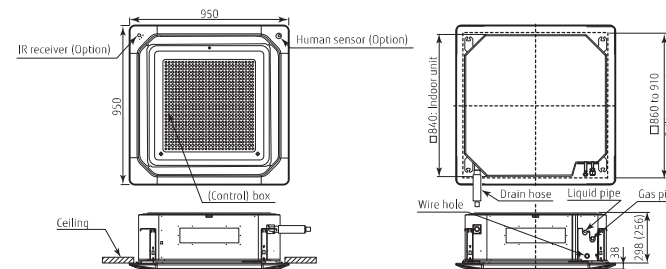
### Optional parts

- Wired Remote Controller: UTY-RNRYZ3, UTY-RVNYM, UTY-RLRY, UTY-RNRYM
- Simple Remote Controller: UTY-RSNYM, UTY-RSRY, UTY-RHRY, UTY-BTYC
- IR Receiver Kit: UTY-SHZXC
- Human Sensor Kit: UTY-AKXA-W
- Wide Panel: UTY-BKXA-W
- Panel Spacer: UTY-VZDK, UTY-KXRA, UTY-XKXA, UTY-XCSX + UTZ-CXRA, UTY-KWZXZG, UTY-UKYA-W, UTY-UKYA-B, UTY-UKY-W
- Air Outlet Shutter Plate: UTY-VZDK
- Insulation Kit For High Humidity: UTY-KXRA
- Flesh Air Intake Kit: UTY-XKXA
- External Input and output PCB (with box): UTY-XCSX + UTZ-CXRA
- External connect kit: UTY-KWZXZG
- Cassette Grille: UTY-UKYA-W, UTY-UKYA-B, UTY-UKY-W
- Wireless LAN Interface: UTY-TFNXZ1



### Dimensions

(Unit : mm)



( ) : AUXG18/24LRB