

Cassette

Circular Flow Series

Comfort for Large Room



(30/36/45/54)

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.



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.

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.

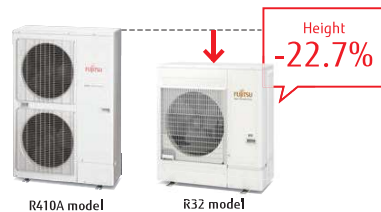
*Touch Panel Wired RC (UTY-RNRYZ3)only

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.

Compact and lightweight outdoor unit

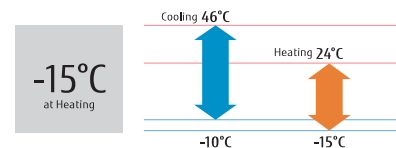
45/54 models outdoor unit was changed completely. Easier installation was realized by compact and lightweight outdoor unit.



R410A model

R32 model

Low ambient operation



Various Cassette Grille

Both, black and white color grilles 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: AUXG18KRLB / AUXG22KRLB / AUXG24KRLB / AUXG30KRLB / AUXG36KRLB / AUXG45KRLB / AUXG54KRLB

NEW AUXG36KRLB [3 phase] / **NEW** AUXG45KRLB [3 phase] / **NEW** AUXG54KRLB [3 phase]



Specifications

Model No.		Indoor unit		AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	AUXG36KRLT	AUXG45KRTA	AUXG54KRLT		
		Outdoor unit		AUXG18KRTB	AUXG22KRTB	AUXG24KRTB	AUXG30KRTB	AUXG36KRTB	AUXG45KRTB	AUXG54KRTB	AUXG36KRTA	AUXG45KRTA	AUXG54KRTA		
Power Source				Single phase ~200V, 50Hz									3 phase ~400V, 50Hz		
Capacity	Cooling	kW		5.2 (0.9-5.9)	6.0 (0.9-6.7)	6.8 (0.9-8.0)	8.5 (2.8-10.0)	9.5 (2.8-11.2)	12.1 (4.0-14.0)	13.4 (4.5-14.5)	9.5 (2.8-11.2)	12.1 (4.0-14.0)	13.4 (4.5-14.5)		
	Heating	kW		6.0 (0.9-5.9)	7.0 (0.9-8.0)	7.5 (0.9-8.1)	10.0 (2.7-11.2)	10.8 (2.7-12.7)	13.5 (4.2-16.2)	15.5 (4.2-16.5)	10.8 (2.7-12.7)	13.5 (4.2-16.2)	15.5 (4.2-16.5)		
Input Power	Cooling/Heating	kW		1.36/1.58	1.7/1.82	1.89/1.90	2.44/2.51	2.91/2.45	3.61/3.21	4.4/4.16	2.91/2.45	3.61/3.21	4.4/4.16		
EER	Cooling			3.82	3.51	3.60	3.49	3.26	3.35	3.04	3.26	3.35	3.04		
COP	Heating	W/W		3.80	3.85	3.95	3.98	4.40	4.20	3.73	4.40	4.20	3.73		
Pdesign	Cooling/Heating(-10°C)	kW		5.2/4.4	6.0/4.8	6.8/6.0	8.5/8.0	9.5/8.7	-	-	9.5/8.7	-	-		
SEER	Cooling			7.00	7.00	6.60	6.70	6.55	-	-	6.55	-	-		
SCOP	Heating (Average)	W/W		4.30	4.40	4.20	4.30	4.30	-	-	4.30	-	-		
Energy Efficiency Class	Cooling			A++	A++	A++	A++	A++	-	-	A++	-	-		
	Heating (Average)			A+	A+	A+	A+	A+	-	-	A+	-	-		
Max. Operating Current	Cooling/Heating	A		12.1/12.1	12.6/12.6	13.6/13.6	22.6/22.6	22.6/22.6	28.5/28.5	28.5/28.5	10.5/10.5	14.0/14.0	14.0/14.0		
Annual Energy Consumption	Cooling	kWh/a		260	300	360	444	507	-	-	507	-	-		
	Heating	kWh/a		1.431	1.527	1.999	2.801	2.838	-	-	2.838	-	-		
Moisture Removal		l/h		15	22	27	25	33	4.5	5.0	33	4.5	5.0		
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q		33/32/31/28	33/32/31/28	35/33/32/29	40/38/36/33	44/41/38/34	46/42/39/35	47/43/40/36	44/41/38/34	46/42/39/35	47/43/40/36		
	Indoor (Heating)	H/M/L/Q		33/32/31/28	33/32/31/28	35/33/32/29	40/38/36/33	44/41/38/34	46/42/39/35	47/43/40/36	44/41/38/34	46/42/39/35	47/43/40/36		
Sound Power Level	Outdoor (Cooling/Heating)	High	dB(A)	50/50	51/51	53/54	53/55	55/55	57/57	57/59	55/55	57/57	57/59		
	Indoor (Cooling/Heating)	High		47/47	49/49	49/49	54/54	58/58	60/60	61/61	58/58	60/60	61/61		
Airflow Rate	Indoor (Cooling/Heating)	High		62/62	63/63	65/66	68/69	70/70	71/71	73/73	70/70	71/71	73/73		
	Indoor / Outdoor (Cooling)	High	m ³ /h	1,050/2,160	1,050/2,340	1,150/2,700	1,600/3,750	1,870/3,750	2,000/4,450	2,100/4,450	1,870/3,750	2,000/4,450	2,100/4,450		
Net Dimensions H x W x D	Indoor	mm		266/840/840	266/840/840	266/840/840	288/840/840	288/840/840	288/840/840	288/840/840	288/840/840	288/840/840	288/840/840		
	Outdoor / Outdoor (Heating)	High	mm	632/799/290	632/799/290	716/820/315	788/940/320	788/940/320	998/940/320	998/940/320	788/940/320	998/940/320	998/940/320		
Weight	Indoor	kg(lbs)		23 (51)	23 (51)	24 (53)	26 (57)	29 (64)	29 (64)	29 (64)	28 (64)	29 (64)	29 (64)		
	Outdoor	kg(lbs)		36 (79)	38 (84)	42 (93)	52 (115)	52 (115)	67 (148)	67 (148)	53 (117)	67 (148)	67 (148)		
Connection Pipe Diameter (Liquid / Gas)				6.35/12.70									6.35/12.70		
Drain hose Diameter (I.D./O.D.)				25/32									25/32		
Max Pipe Length (Pre-Charge)				30 (20)									30 (20)		
Max Height Difference				20									20		
Operation Range	Cooling	°CDB		-15 to 46	-15 to 46	-15 to 46	-15 to 46	-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	-15 to 24	-15 to 24	-15 to 24	-15 to 24		
Refrigerant	Type (Global Warming Potential)			R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)		
	Charge	kg(CO2eq-1)		1.02 (0.689)	1.25 (0.844)	1.25 (0.844)	1.90 (1.283)	1.90 (1.283)	2.70 (1.821)	2.70 (1.821)	1.90 (1.283)	2.70 (1.821)	2.70 (1.821)		
Cassette Grille	Variation			UTG-UKYA-W: White Color with touch panel wired remote controller UTG-UKYA-W: White Color / UTG-UKY-WP1: Black Color									UTG-UKYA-W: White Color / UTG-UKY-WP1: Black Color		
	Dimensions (H x W x D)	mm		53x50x950	53x50x950	53x50x950	53x50x950	53x50x950	53x50x950	53x50x950	53x50x950	53x50x950	53x50x950		
	Weight	kg(lbs)		6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)		

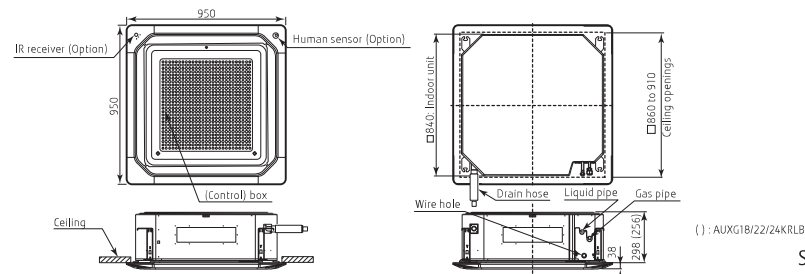
*1: IR Receiver kit and human sensor kit cannot be connected.

Optional parts

Compact Wired Remote Controller:	UTY-RCRYZ1	Wireless LAN Interface:	UTY-TFSXZ1	Cassette Grille:	UTG-UKYA-B
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	FJ-RG-WIFI-1	UTY-VKSF1	UTG-UKYA-W	UTG-UKY-CW
Wired Remote Controller:	UTY-RLRY	KNX® Converter:	UTY-VKSF1	UTR-YDZK	UTR-YDZK
	UTY-RNNYM	MODBUS® Converter:	UTY-VMSX		
	UTY-RVNYM	External input and output PCB:	UTY-VKSF1	Air Outlet Shutter Plate:	UTY-VTCX
	UTY-RHRY	External input and output PCB Box:	UTY-VKSF1	Network Converter for single split (DC power supply type):	UTY-VTCXV
Simple Remote Controller (Without operation mode):	UTY-RSRY	Insulation Kit For High Humidity:	UTZ-KXRA	MODBUS® Interface:	FJ-RC-MBS-1
Simple Remote Controller:	UTY-RSNYM	Fresh Air Intake Kit:	UTZ-KXRA	KNX® Interface:	FJ-RC-KNX-1
	UTY-SHZXC	Wide Panel:	UTG-AKXA-W		
Human Sensor Kit:	UTY-TERX	Panel Spacer:	UTG-BKXA-W	(Outdoor unit 30/36/45/54)	
External Switch Controller:	UTY-KWZXG	IR Receiver Unit	UTY-LBTYC	External Connect Kit:	UTY-KWZXG

Dimensions

(Unit : mm)



() : AUXG18/22/24KRLB