FUJITSU

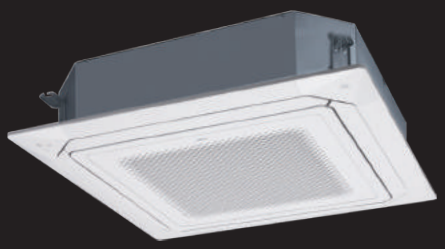
AIR CONDITIONING

New Product Release!

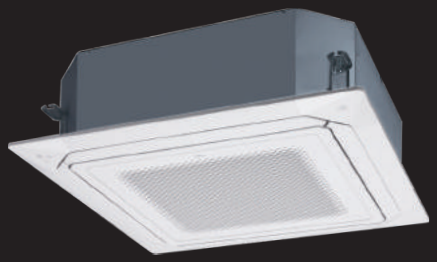
Split Air Conditioner

Cassette

AUXG18KRLB / AOYG18KBTB
AUXG22KRLB / AOYG22KBTB
AUXG24KRLB / AOYG24KBTB
AUXG30KRLB / AOYG30KBTB
AUXG36KRLB / AOYG36KBTB
AUXG45KRLB / AOYG45KBTB
AUXG54KRLB / AOYG54KBTB



AUXG18/22/24KRLB



AUXG30/36/45/54KRLB

REFRIGERANT R32

Point

High efficiency and unique circular flow design

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

Rank
Cooling A++
Heating A+

SEER 7.00 (18/22 models)

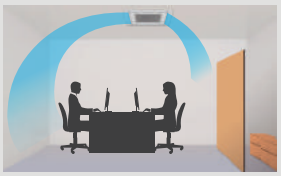
SCOP 4.40 (22 model)

Individual louvre control

Each louvre 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-RNRYZ2&3)only

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

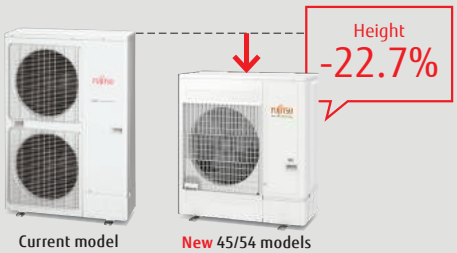


Efficient air conditioning based on the room layout

Point

Compact and lightweight outdoor unit

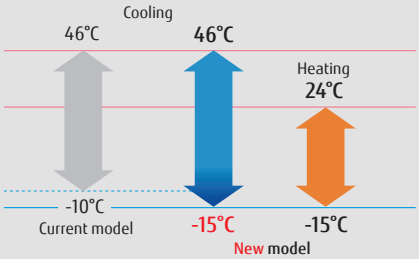
Easier range installation by use of compact and lightweight outdoor unit.



Point

Low ambient operation

-10°C
↓
-15°C
at Cooling

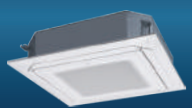


Point

Cassette grille + Controller

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

Model: AUXG18KRLB / AUXG22KRLB / AUXG24KRLB / AUXG30KRLB / AUXG36KRLB / AUXG45KRLB / AUXG54KRLB
AOYG18KBTB / AOYG22KBTB / AOYG24KBTB / AOYG30KBTB / AOYG36KBTB / AOYG45KBTB / AOYG54KBTB


AUXG18/22/24KRLB

AUXG30/36/45/54KRLB

AOYG18/22KBTB

AOYG24KBTB

AOYG30/36KBTB

AOYG45/54KBTB

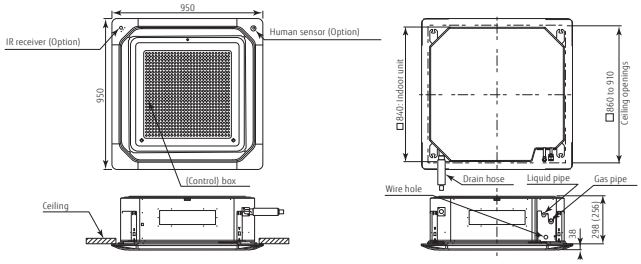
Optional parts

Wired Remote Controller:	UTY-RNRYZ3, UTY-RVNYM,
Simple Remote Controller:	UTY-RSRY, UTY-RSNYM
IR Receiver Kit:	UTY-LBTYC
Wireless LAN Interface:	UTY-TFSXZ1
Human Sensor Kit:	UTY-SHZXC
Cassette Grille:	UTG-UKYA-W, UTG-UKYC-W, UTG-UKYA-B
Wide Panel:	UTG-AKXA-W
Fresh Air Intake Kit:	UTZ-VXRA
Insulation Kit for High Humidity:	UTZ-KXRA
External Input and Output PCB (with box):	UTY-XCSX + UTZ-GXRA
External Connect Kit:	UTY-XWZXZG

Dimensions

Indoor unit : AUXG18/22/24/30/36/45/54KRLB

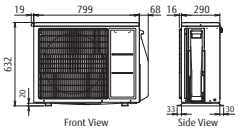
(Unit : mm)



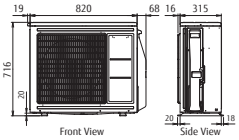
( ) : AUXG18/22/24KRLB

Outdoor unit :

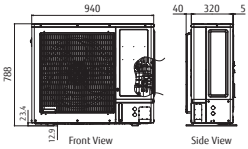
AOYG18/22KBTB



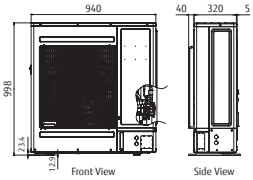
AOYG24KBTB



AOYG30/36KBTB



AOYG45/54KBTB



Model No.	Indoor unit			AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB
	Outdoor unit			AOYG18KBTB	AOYG22KBTB	AOYG24KBTB	AOYG30KBTB	AOYG36KBTB	AOYG45KBTB	AOYG54KBTB
Power Source				Single-phase, ~230V, 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)
	Heating			6.0 (0.9-7.5)	7.0 (0.9-8.0)	7.5 (0.9-9.1)	10.0 (2.7-11.2)	10.8 (2.7-12.7)	13.5 (4.2-16.2)	15.5 (4.7-16.5)
UK Total/sensible cooling				5.01/4.03	5.85/4.30	6.63/4.74	8.08/8.77	9.05/6.49	11.54/8.56	12.73/9.23
Input Power	Cooling/Heating		kW	1.36/1.58	1.71/1.82	1.89/1.90	2.44/2.51	2.91/2.45	3.61/3.21	4.41/4.16
EER	Cooling		W/W	3.82	3.51	3.60	3.49	3.26	3.35	3.04
COP	Heating			3.80	3.85	3.95	3.98	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	-	-
SEER	Cooling		W/W	7.00	7.00	6.60	6.70	6.55	-	-
SCOP	Heating (Average)			4.30	4.40	4.20	4.30	4.30	-	-
Energy Efficiency Class	Cooling			A++	A++	A++	A++	A++	-	-
	Heating (Average)			A+	A+	A+	A+	A+	-	-
Annual Energy Consumption	Cooling		kWh/a	260	300	360	444	507	-	-
	Heating			1,431	1,527	1,999	2,601	2,828	-	-
Moisture Removal			l/h	1.5	2.2	2.7	2.5	3.3	4.5	5.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	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
	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
	Outdoor(Cooling/Heating)	High		50/50	51/51	53/54	53/55	55/55	57/57	57/59
Sound Power Level	Indoor(Cooling/Heating)	High		47/47	49/49	49/49	54/54	58/58	60/60	61/61
	Outdoor(Cooling/Heating)	High		62/62	63/63	65/66	68/69	70/70	71/71	73/73
Airflow Rate	Indoor / Outdoor (Cooling)	High	m^3/h	1,050/2,160	1,050/2,240	1,150/2,700	1,600/3,750	1,870/3,750	2,000/4,450	2,100/4,450
	Indoor / Outdoor (Heating)	High		1,050/1,830	1,050/1,960	1,150/2,700	1,600/3,750	1,870/3,750	2,000/4,450	2,100/4,450
Net Dimensions H x W x D	Indoor		mm	246x840x840	246x840x840	246x840x840	288x840x840	288x840x840	288x840x840	288x840x840
	Outdoor		mm	632x799x290	632x799x290	716x820x315	788x940x320	788x940x320	998x940x320	998x940x320
Weight	Indoor		kg(lbs)	23 (51)	23 (51)	24 (53)	26 (57)	29 (64)	29 (64)	29 (64)
	Outdoor		kg(lbs)	36 (79)	38 (84)	42 (93)	52 (115)	52 (115)	67 (148)	67 (148)
Remote Controller Type				Touch Panel Hard Wired Controller (Included with Grille)						
Interconnecting Cable (Suggested cable size 1.5mm)				3 Core + Earth						
Suggested MCB Size			Amp	16	16	16	25	25	30	30
Max. Operating Current	Cooling/Heating		A	12.1	12.6	13.6	22.6	22.6	28.5	28.5
Power Supply To				Outdoor						
Connection Pipe Diameter (Gas / Liquid)			Inch	1/2 & 1/4	1/2 & 1/4	1/2 & 1/4	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8
Max Pipe Length (Pre-Charge)			m	30 (20)	30 (20)	30 (20)	50 (30)	50 (30)	50 (30)	50 (30)
Max Height Difference				20	25	25	30	30	30	30
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
	Heating			-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type			R32	R32	R32	R32	R32	R32	R32
	Charge		g	1020	1250	1250	1900	1900	2700	2700
	Additional Charge		g/m	20	20	20	40	40	40	40
Cassette Grille	Model Name			UTG-UKYA-W (Wired remote controller UTY-RNRYZ3 included)						
	Dimensions (H × W × D)		mm	53x950x950	53x950x950	53x950x950	53x950x950	53x950x950	53x950x950	53x950x950
	Weight		kg	6.0	6.0	6.0	6.0	6.0	6.0	6.0

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