FUJITSU

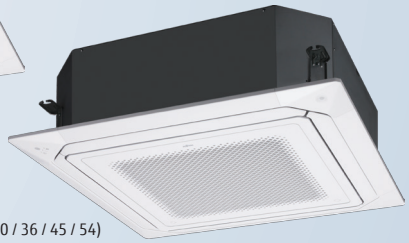
AIR CONDITIONING

Split Air Conditioner

A++

18 / 24 / 30 / 36 models

(18 / 24)



(30 / 36 / 45 / 54)

Touch Panel
Wired RC

AOYG18LBCA
AOYG24LBCA

AOYG30LBTA
AOYG36LBTA

AOYG45LBTA
AOYG54LBTA

Indoor Unit

AUXG18LRLB AUXG24LRLB
AUXG30LRLB AUXG36LRLB
AUXG45LRLB AUXG54LRLB

Grille

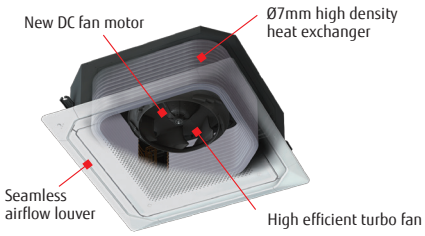
UTG-UKYA-W Common to all models

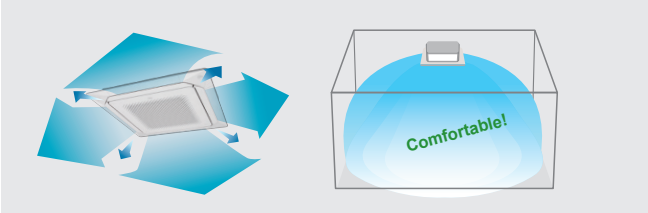
Circular Flow Cassette Range

Feature

Uniform air distribution by the seamless air opening

In this new model, the gaps between each airflow openings are removed, which enables to distribute wider and uniform airflow to room.



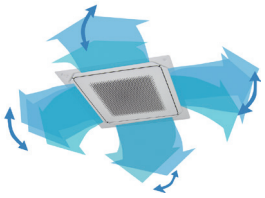


Feature

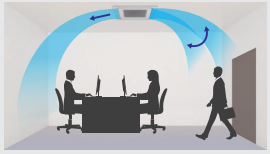
Individual louver control

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

*Touch Panel Wired RC (UTY-RNRYZ1) only



Scenario



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

Efficient air conditioning in accordance with the room layout

Feature

Human Sensor for Energy Saving (Option)

- Human sensor
  2 modes can be selected.

Auto saving	Auto OFF
Power is saved while no one is around	Operation is stopped while no one is around

*Touch Panel Wired RC (UTY-RNRYZ1) only

Feature

Easy operation by touch panel screen

- Easy finger touch operation with backlight LCD panel
- Support 12 languages
  English, German, French, Spanish, Italian, Portuguese, Dutch, Polish, Greek, Russian, Turkish, Chinese

Optional parts

Touch Panel Wired Remote Controller (Two wires) : UTY-RNRYZ1 Std
High Grade Wired Remote Controller (Three wires) : UTY-RVNYM
Standard Wired Remote Controller (Two wires) : UTY-RLRY
Simple Remote Controller (Three wires) : UTY-RSNYM

IR Receiver Kit : UTY-LBTYC
Human Sensor Kit : UTY-SHZXC
Communication Kit : UTY-XCSX
Communication kit bracket : UTZ-GXRA

External Connect Kit : UTY-XWZXZG
Fresh Air Intake Kit : UTZ-VXRA

Feature explanation

Economy mode : Thermostat setting automatically changes according to the temperature to avoid unnecessary cooling and heating.

Room temperature set point limitation : The minimum and maximum temperature range can be set giving further energy saving while considering the comfort of the occupants.

Set temperature auto return : The setting temperature automatically returns to the previously set temperature.

Auto-changeover : The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.

Up / down swing flaps : The up / down flaps automatically swing up and down.

Automatic fan speed : The micro-computer automatically adjusts the airflow effectively to follow the changes of room temperature.

Auto restart : In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once power supply is restored.

Connectable fresh air duct : Outside air can be introduced by attaching field supplied duct to fresh air knockout and optional part.

Connectable distributing duct : Systems are capable of attaching field-supplied branch ducts distributing the airflow.

Individual airflow direction control : Each louver of 4-way Cassette type can be controlled individually and provides comfortable airflow.

Auto off timer : Automatically stops operation when a fixed time has elapsed from the start of operation.

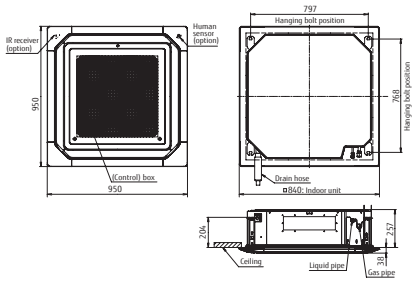
Weekly timer : Different ON-OFF times can be set for each day.

Filter sign : Indicates the filter cleaning period by lamp.

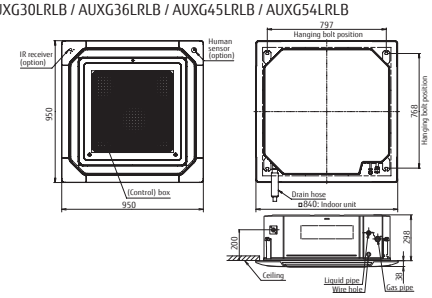
Dimensions

(Unit : mm)

Indoor unit : AUXG18LRLB / AUXG24LRLB



AUXG30LRLB / AUXG36LRLB / AUXG45LRLB / AUXG54LRLB



Specifications

(TENTATIVE)

Model Number	Indoor	AUXG18LRLB	AUXG24LRLB	AUXG30LRLB	AUXG36LRLB	AUXG45LRLB	AUXG54LRLB
	Outdoor	AOYG18LBCA	AOYG24LBCA	AOYG30LBTA	AOYG36LBTA	AOYG45LBTA	AOYG54LBTA
Nominal Capacity (kW)	Cooling	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	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)
UK Total / Sensible Cooling*		6.0 / 4.54	6.99 / 5.2	10.15 / 7.32	11.79 / 8.49	13.06 / 9.67	13.39 / 9.82
Power Consumption (kW)	Cooling	1.42	2.16	2.56	2.96	3.85	4.38
	Heating	1.50	2.18	2.77	2.91	3.73	4.58
EER / COP (Nominal Conditions)		3.66 / 4.00	3.15 / 3.58	3.32 / 3.61	3.21 / 3.71	3.25 / 3.75	3.04 / 3.45
Pdesign (kW) @ -10°C	Cooling	5.2	6.8	8.5	9.5	-	-
	Heating	4.3	6.0	8.0	8.7	-	-
SEER	Cooling	7.05	6.6	6.7	6.4	-	-
SCOP	Heating (Average)	4.4	4.2	4.3	4.3	-	-
Energy Efficiency Class	Cooling	A++	A++	A++	A++	-	-
	Heating (Average)	A+	A+	A+	A+	-	-
Annual Energy Consumption (kWh/a)	Cooling	258	361	444	519	-	-
	Heating	1367	1999	2604	2833	-	-
Moisture Removal	l/h	2.2	2.7	2.5	3.3	4.5	5.0
Dimensions (HxWxD) mm	Inner	246x840x840	246x840x840	288x840x840	288x840x840	288x840x840	288x840x840
	Outer	620x790x290	620x790x290	830x900x330	830x900x330	1290x900x330	1290x900x330
Net Weight (kg)	Inner	24	24	26	26	29	29
	Outer	41	41	61	61	86	86
Room Air Circulation (high) m3/h	Inner	1050	1150	1600	1900	2000	2100
	Outer	1900	2460	3600	3800	6750	6750
Power Supply	V-PH-Hz	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50
Power Supply To		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Running Current (A)	Cooling	10.0	13.5	17.0	20.0	20.5	21.5
	Heating	13.5	18.5	17.0	20.0	20.5	21.5
Starting current	A						
Suggested MCB/Fuse	A	16	20	20	25	25	25
Interconnecting Cable		3 + E	3 + E	3 + E	3 + E	3 + E	3 + E
Remote Control Type (Supplied with grill)		Wired	Wired	Wired	Wired	Wired	Wired
Sound Pressure (dB(A) Cooling)	Indoor Q/L/M/H	28/31/32/33	29/32/33/35	33/36/38/40	34/38/41/44	35/39/42/46	36/40/43/47
	Outdoor H	51	55	53	54	55	55
Sound Power (dB(A) Cooling)	Indoor H	47	49	54	58	60	61
	Outdoor H	64	68	67	68	68	69
Max Pipe Length	m	30	30	50	50	50	50
Max Height Difference	m	20	20	30	30	30	30
Refrigerant Charge	m	15	15	20	20	20	20
Additional Refrigerant Charge	g/m	20	20	40	40	40	40
Pipe Size (inches)	Gas	1/2	5/8	5/8	5/8	5/8	5/8
	Liquid	1/4	1/4	3/8	3/8	3/8	3/8
Operating Range °CDB	Cooling	-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
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A
Grill (to be ordered separately)		UTG-UKYA-W	UTG-UKYA-W	UTG-UKYA-W	UTG-UKYA-W	UTG-UKYA-W	UTG-UKYA-W
Cassette Grill Dimensions (HxWxD)	mm	53x950x950	53x950x950	53x950x950	53x950x950	53x950x950	53x950x950

Note
•Cooling/heating capacities are based on the following conditions.

Cooling	Indoor temperature 23°CDB / 16°CWB Outdoor temperature 30°C

- Performance test is in accordance with EN14511
- Seasonal efficiency test is on accordance with EN14825
- Sound power test is in accordance with EN12102

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