

NEW PRODUCT RELEASE

Split Air Conditioner Compact Cassette

Model (1 Phase):

AUXG18KRLB / AOEG18KBTB
AUXG22KRLB / AOEG22KBTB
AUXG24KRLB / AOEG24KBTB
AUXG30KRLB / AOEG30KBTB
AUXG36KRLB / AOEG36KBTB
AUXG45KRLB / AOEG45KBTB
AUXG54KRLB / AOEG54KBTB

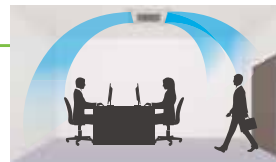
Model (3 Phase):

AUXG36KRLB / AOEG36KRTA
AUXG45KRLB / AOEG45KRTA
AUXG54KRLB / AOEG54KRTA

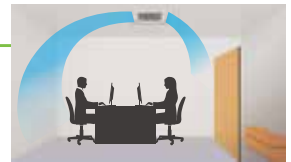


Unique circular flow design

The Cassette model realizes a Circular Flow to blow a large airflow in a 360° direction by using a high-performance DC fan motor, turbo fan, and a unique seamless airflow louver design.



Airflows avoid blowing cool air directly at the occupants in the room, providing more comfortable air conditioning.



Provides efficient air conditioning based on the room layout

Individual louver control

Each louver can be controlled individually with a wired remote controller equipped with a touch panel to provide different directional airflows according to the room layout.

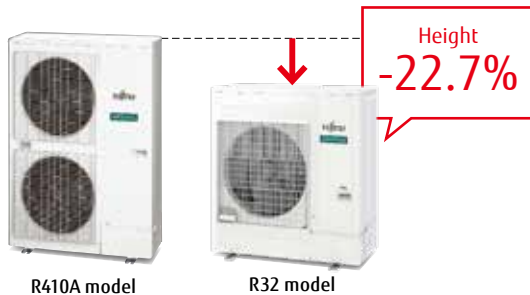
*Wired remote controller (touch panel) (UTY-RNRGZ3) only

The Human sensor yields more energy savings.

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

Compact and lightweight outdoor unit

The outdoor units for the 45,000 BTU and 54,000 BTU models have been completely redesigned. Easier installation is achieved for this compact and lightweight outdoor unit.



Link up with a variety of central control system (Option)

Centralized control including facilities and equipment in addition to air conditioning is possible by linking up with MODBUS, KNX interfaces.



Various cassette grilles

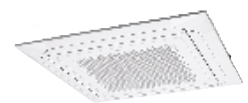
Both black and white grilles are available. Three types of grilles are available: a white grille with a remote controller; a white grille without a remote controller; and a black grille without a remote controller. Select to match the atmosphere and/or usage of the room.



UTG-UKYA-W
White Grille
Wired remote controller
(touch panel)



UTG-UKYA-B
Black Grille



UTG-UKYC-W
White Grille



Specifications

Model No.	Indoor unit								Outdoor unit				
	AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	AUXG36KRRTA	AUXG45KRRTA	AUXG54KRRTA			
Power Source	Single-phase, ~230V, 50Hz								3 phase, ~400V, 50Hz				
Capacity	Cooling	kW								9.5	12.1	13.4	
	Heating	kW								10.8	13.5	15.5	
UK Total Cooling / UK Sensible Cooling									9.03 / 6.49	11.54 / 8.56	12.78 / 9.23		
Input Power	kW								2.91/2.45	3.61/3.21	4.41/4.16		
EER	W/W								3.26	3.35	3.04		
COP	W/W								4.40	4.20	3.73		
Pdesign	kW								5.2/4.4	6.0/4.8	6.8/6.0		
SEER	W/W								7.00	7.00	6.60		
SCOP	W/W								4.30	4.40	4.20		
Energy Efficiency Class	Cooling	A++								A++	-	-	
	Heating (Average)	A+								A+	-	-	
Annual Energy Consumption	Cooling	kWh/a								260	300	360	
	Heating	kWh/a								1,431	1,527	1,999	
Moisture Removal	l/h								1.5	2.2	2.7		
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)								33/32/31/28	33/32/31/28	35/33/32/29
	Indoor (Heating)	H/M/L/Q	dB(A)								33/32/31/28	33/32/31/28	35/33/32/29
Sound Power Level	Outdoor (Cooling/Heating)	High	dB(A)								50/50	51/51	53/54
	Indoor (Cooling/Heating)	High	dB(A)								47/47	49/49	49/49
Airflow Rate	Indoor / Outdoor (Cooling)	High	m³/h								1,050/2,160	1,050/2,240	1,150/2,700
	Indoor / Outdoor (Heating)	High	m³/h								1,050/1,830	1,050/1,960	1,150/2,700
Net Dimensions H x W x D	Indoor	mm								246x840x840			
	Outdoor	mm								632x799x290	716x820x315	788x940x320	
Weight	Indoor	kg								23	23	24	
	Outdoor	kg								36	38	42	
Remote Controller Type									Touch Panel Hard Wired Controller (Included with Grille)				
Interconnecting Cable (Suggested cable size 1.5mm)									3 Core + Earth				
Suggested MCB Size	A								16	16	16		
Max. Operating Current	A								12.1	12.6	13.6		
Power Supply To									Outdoor				
Connection Pipe Diameter (Liquid / Gas)	Inch								1/4 & 1/2		3/8 & 5/8		
Max Pipe Length (Pre-Charge)	m								30 (20)		50 (30)		
Max Height Difference									20		25		
Refrigerant	Type (Global Warming Potential)	R32 (675)								R32 (675)			
	Charge (CO2eq-T)	g								1020 (0.689)	1250 (0.844)	1900 (1.283)	
Operation Range	Additional Charge	g/m								20	20	40	
	Cooling	°CDB								-15 to 46		-15 to 46	
Cassette Grille	Heating	°CDB								-15 to 24		-15 to 24	
	Model Name	UTG-UKYA-W (Wired remote controller UTY-RNRZY5 included)											
Dimensions (H x W x D)	mm								53x950x950				
Weight	kg								6.0				

* calculated result

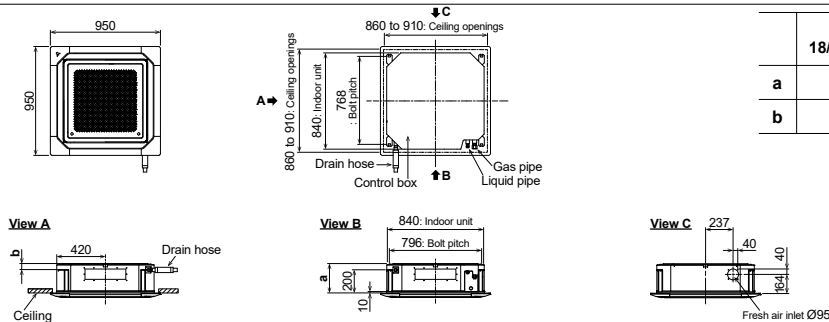
Optional parts

* For optional parts compatibility of Intesis devices, please refer to the optional parts compatibility list page M-102 to M-103.

Wired Remote Controller (Design type):	UTY-RVRY	External Switch Controller:	UTY-TERX	Cassette Grille:	UTG-UKYA-B
Compact Wired Remote Controller:	UTY-RCRYZ1	Wireless LAN Interface:	UTY-TFSXJ3		UTG-UKYC-W
Wired Remote Controller (Touch Panel):	UTY-RNRZY5		FG-AC-WIF1Z1	Network Converter for single split (DC power supply type):	UTY-VTGV
Wired Remote Controller:	UTY-RVNYM	KNX® Converter:	UTY-VKSX	Network Converter for single split (AC power supply type):	UTY-VTGVV
Simple Remote Controller (Without operation mode):	UTY-RHRY	MODBUS® Converter:	UTY-VMSX	External input and output PCB:	UTY-XCSX
Simple Remote Controller:	UTY-RSRY	BACnet® Converter:	FG-AC-BAC1Z1	External input and output PCB Box:	UTZ-GXRA
Wireless Remote Controller:	UTY-LNTY	Fresh Air Intake Kit:	UTZ-VXRA	Silver Ion Filter:	UTD-HFRA
IR Receiver Unit:	UTY-LBTYC	External Connect Kit:	UTY-XWZXZG		
Human Sensor Kit:	UTY-SHZXC			(Outdoor unit 30/36/45/54)	
				External Connect Kit:	UTY-XWZXZ3

Dimensions

(Unit : mm)



	AUXG 18/22/24KRLB	AUXG 30/36/45/54KRLB
a	256	298
b	56	98