

NEW PRODUCT RELEASE

Split Air Conditioner **Cassette**

Model (1 Phase):

AUXG18KRLB / AOEG18KATA
AUXG22KRLB / AOEG22KATA
AUXG24KRLB / AOEG24KATA
AUXG30KRLB / AOEG30KATA
AUXG36KRLB / AOEG36KATA
AUXG45KRLB / AOEG45KATA
AUXG54KRLB / AOEG54KATA

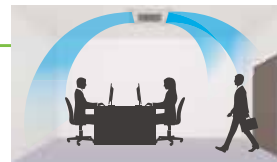
Model (3 Phase):

AUXG36KRLB / AOEG36KQTA
AUXG45KRLB / AOEG45KQTA
AUXG54KRLB / AOEG54KQTA

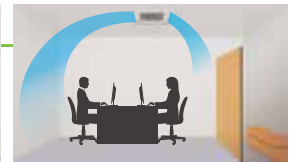


Unique circular flow design

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.

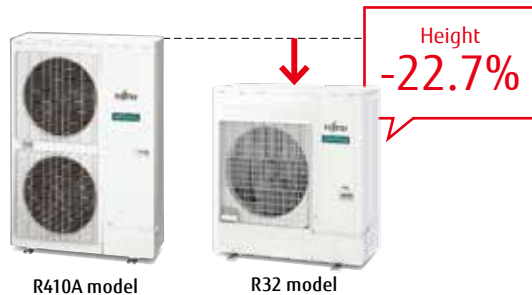
*Wired remote controller (touch panel) (UTY-RNRGZ3) only

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.



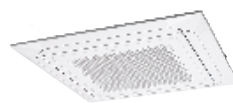
Link up with a variety of central control system (Option)

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			AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB																					
	Outdoor unit			AOEG18KATA	AOEG22KATA	AOEG24KATA	AOEG30KATA	AOEG36KATA	AOEG45KATA	AOEG54KATA	AOEG36KQTA	AOEG45KQTA	AOEG54KQTA																					
Power Source							Single phase, ~230V, 50Hz				3 phase, ~400V, 50Hz																							
Capacity	Cooling	kW	5.2			6.0	6.8	8.5	9.5	12.1	13.4	9.5	12.1	13.4																				
	Heating		6.0			7.0	7.5	10.0	10.8	13.5	15.5	10.8	13.5	15.5																				
UK Total Cooling / UK Sensible Cooling				4.80/3.86	5.65/4.16	6.63/4.74	8.08/5.77	9.03/6.49	11.54/8.56	12.78/9.23	9.03/6.49	11.54/8.56	12.78/9.23																					
Input Power	Cooling/Heating	kW	1.60/1.66			1.85/1.93	2.12/1.97	2.56/2.64	3.06/2.58	4.32/3.77	4.87/4.86	3.06/2.58	4.32/3.77	4.87/4.86																				
EER	Cooling		3.25			3.24	3.21	3.32	3.10	2.80	2.75	3.10	2.80	2.75																				
COP	Heating	W/W	3.61			3.63	3.81	3.79	4.19	3.58	3.19	4.19	3.58	3.19																				
	Cooling/Heating(-10°C)	kW	5.2/3.8			6.0/4.4	6.8/5.4	8.5/8.0	9.5/8.7	-	-	9.5/8.7	-	-																				
SEER	Cooling	W/W	6.2			6.2	6.1	6.1	6.1	5.4*	6.0*	6.1	5.4*	6.0*																				
SCOP	Heating	W/W	4.1			4.1	4.0	4.0	4.0	3.8*	3.85*	4.0	3.8*	3.85*																				
	Cooling		A++			A++	A++	A++	A++	-	-	A++	-	-																				
Energy Efficiency Class	Heating		A+			A+	A+	A+	A+	-	-	A+	-	-																				
	Cooling	kWh/a	293			338	390	488	545	-	-	545	-	-																				
Annual Energy Consumption	Heating	I/h	1.297			1.502	1.887	2.794	3.044	-	-	3.044	-	-																				
	Cooling		1.5			2.2	2.7	2.5	3.3	4.5	5.0	3.3	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																				
	Outdoor (Cooling/Heating)	High	51/52			52/53	54/55	53/55	55/55	58/59	58/61	55/55	58/59	58/61																				
Sound Power Level	Indoor (Cooling/Heating)	High	47/47			49/49	49/49	54/54	58/58	60/60	61/61	58/58	-	-																				
	Outdoor (Cooling/Heating)	High	63/64			64/65	66/67	68/69	70/70	72/73	74/75	70/70	72/73	74/75																				
Airflow Rate	Indoor / Outdoor (Cooling)	High	1,050/1,710			1,050/2,240	1,150/2,885	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																				
	Indoor / Outdoor (Heating)	High	1,050/1,840			1,050/2,240	1,150/2,350	1,600/3,750	1,870/3,750	2,000/4,450	2,100/4,780	1,870/3,750	2,000/4,450	2,100/4,780																				
Net Dimensions	Indoor	mm	246×840×840										288×840×840																					
H x W x D	Outdoor	mm	542×799×290			632×799×290			788×940×320			998×940×320			788×940×320		998×940×320																	
	Indoor	kg	23			23			24			26			29			29																
Weight	Outdoor	kg	33			36			38			52			52			61			63													
	Indoor		UTY-RNRYZ5 Touch Panel Hard Wired Controller (Included with Grille)																															
Interconnecting Cable (Suggested cable size 1.5mm)											3 Core + Earth																							
Suggested MCB Size											A			13			16			20			25			25			32			32		
Max. Operating Current	Cooling/Heating	A	10.1			11.6			12.6			22.5			22.5			28.1			28.1			16			16			16				
Power Supply To											Outdoor																							
Connection Pipe Diameter (Liquid / Gas)	Inch	1/4 & 1/2			3/8 & 5/8			3/8 & 5/8			3/8 & 5/8																							
Max Pipe Length (Pre-Charge)	m	20 (15)			25 (15)			25(20)			30(30)			30(30)																				
Max Height Difference		15			20			20			30			30																				
Refrigerant	Type (Global Warming Potential)		R32 (675)										R32 (675)																					
	Charge (CO2eq-T)	g	900 (0.608)			1100 (0.743)			1250 (0.844)			1900 (1.283)			2400 (1.620)			2400 (1.620)			1900 (1.283)			2400 (1.620)			2400 (1.620)							
Additional Charge	g/m	20			20			20			-			-			-			-			-			-								
	Operation Range	Cooling	-10 to 46										-10 to 46																					
Cassette Grille	Model name	UTG-UKYA-W (Wired remote controller UTY-RNRYZ5 included)																																
	Dimensions (H x W x D)	mm	53×950×950										53×950×950																					
Weight	kg	6.0										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

Compact Wired Remote Controller: UTY-RCRYZ1

Wired Remote Controller (Touch Panel): UTY-RNRYZ5

Wired Remote Controller: UTY-RVNYM

Simple Remote Controller (Without operation mode): UTY-RHRY

Simple Remote Controller: UTY-RSRY

Wireless Remote Controller: UTY-LNTY

IR Receiver Unit: UTY-LBTYC

Human Sensor Kit: UTY-SHZXC

External Switch Controller: UTY-TERX

Wireless LAN Interface: UTY-TFSXJ3

KNX® Converter: FG-AC-WIF1Z1

MODBUS® Converter: UTY-VKSX

BACnet® Converter: UTY-VMSX

Fresh Air Intake Kit: FG-AC-BAC1Z1

External Connect Kit: UTZ-VXRA

External Connect Kit: UTY-XWZXZG

Cassette Grille: UTG-UKYA-B

Network Converter for single split (DC power supply type): UTG-UKYC-W

Network Converter for single split (AC power supply type): UTY-VTGX

External input and output PCB: UTY-VTGXV

External input and output PCB Box: UTY-XCSX

Silver Ion Filter: UTZ-GXRA

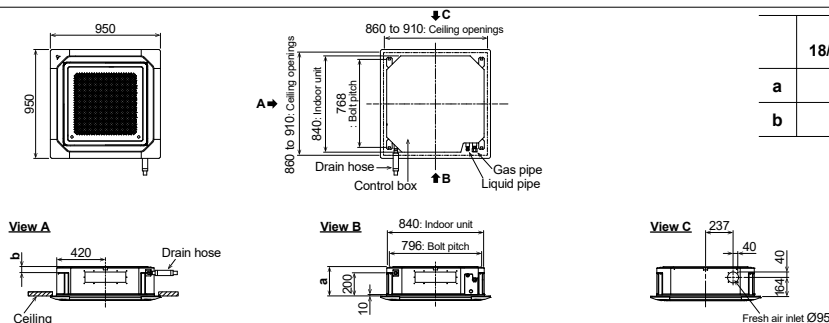
UTD-HFRA

(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