

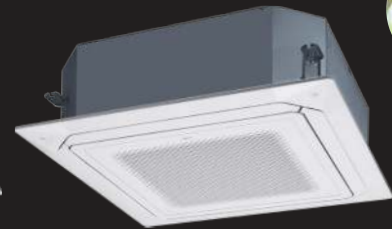
Cassette - Economy Series

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

Outdoor unit
[Single phase] AOYG18/22/24/30/36/45/54KATA
[3 phase] AOYG36/45/54KQTA



AUXG18/22/24KRLB

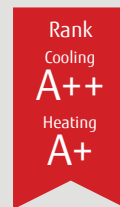


AUXG30/36/45/54KRLB



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.



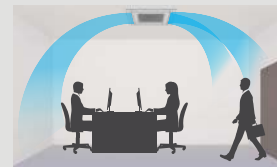
SEER
7.00
(18/22 models)

SCOP
4.40
(22 model)

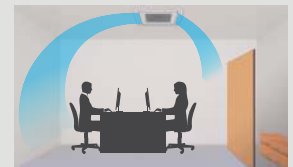
Individual louvre control

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

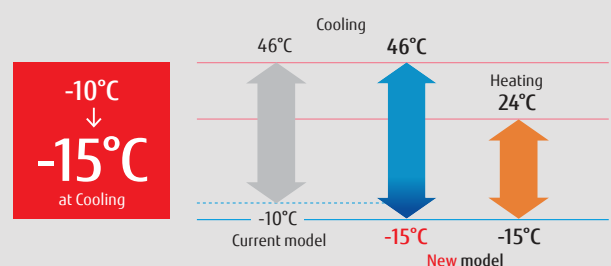


Compact and lightweight outdoor unit

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



Low ambient operation



Cassette grille + Controller



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



Model: AUXG18KRLB / AUXG22KRLB / AUXG24KRLB / AUXG30KRLB / AUXG36KRLB / AUXG45KRLB / AUXG54KRLB
 [Single phase] AOYG18KATA / AOYG22KATA / AOYG24KATA / AOYG30KATA / AOYG36KATA / AOYG45KATA / AOYG54KATA
 [3 phase] AOYG36KQTA / AOYG45KQTA / AOYG54KQTA



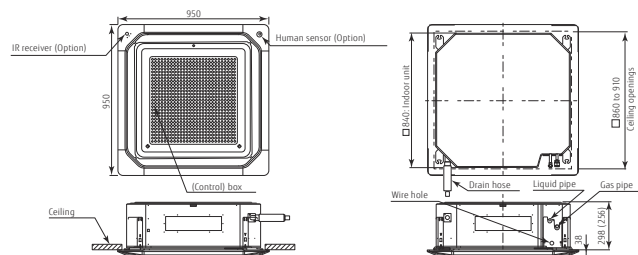
Optional parts

Wired Remote Controller:	UTY-RNRYZ3, UTY-RVNYM,
Simple Remote Controller:	UTY-RSRY, UTY-RSNYM
IR Receiver Kit:	UTY-LBTC
Wireless LAN Interface:	UTY-TFSXZ1
Human Sensor Kit:	UTY-SHZXC
Cassette Grille:	UTG-UKYA-W, UTG-UKYK-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)

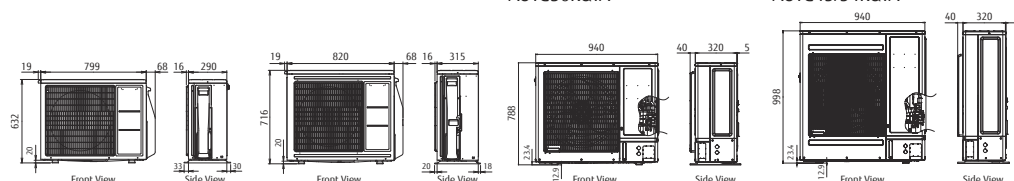


Outdoor unit :
AOYG18/22KATA

AOYG24KATA

AOYG30/36KATA
AOYG36KQTA

AOYG45/54KATA
AOYG45/54KQTA



Model No.	Indoor unit		AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB
	Outdoor unit		AOYG18KATA	AOYG22KATA	AOYG24KATA	AOYG30KATA	AOYG36KATA	AOYG45KATA	AOYG54KATA	AOYG36KQTA	AOYG45KQTA	AOYG54KQTA
Power Source			Single phase, ~230V, 50Hz							3 phase, ~400V, 50Hz		
Capacity	Cooling	kW	5.2(0.9-5.4)	6.0(0.9-6.3)	6.8(0.9-7.4)	8.5(2.8-9.6)	9.5(2.8-10.6)	12.1(4.0-12.6)	13.4(4.5-13.8)	9.5(2.8-10.6)	12.1(4.0-12.6)	13.4(4.5-13.8)
	Heating		6.0(0.9-6.3)	7.0(0.9-7.4)	7.5(0.9-8.6)	10.0(2.7-10.8)	10.8(2.7-12.5)	13.5(4.2-15.0)	15.5(4.7-16.0)	10.8(2.7-12.5)	13.5(4.2-15.0)	15.5(4.7-16.0)
UK Total/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
Pdesign	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		6.2	6.2	6.1	6.1	6.1	-	-	6.1	-	-
SCOP	Heating	W/W	4.1	4.1	4.0	4.0	4.0	-	-	4.0	-	-
Energy Efficiency Class	Cooling		A++	A++	A++	A++	A++	-	-	A++	-	-
	Heating		A+	A+	A+	A+	A+	-	-	A+	-	-
Annual Energy Consumption	Cooling	kWh/a	293	338	390	488	545	-	-	545	-	-
	Heating		1,297	1,502	1,887	2,794	3,044	-	-	3,044	-	-
Moisture Removal		l/h	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	60/60	61/61
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	246×840×840	246×840×840	288×840×840	288×840×840	288×840×840	288×840×840	288×840×840	288×840×840	288×840×840
H x W x D	Outdoor	mm	542×799×290	632×799×290	632×799×290	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)	29(64)	29(64)	29(64)
	Outdoor	kg(lbs)	33(73)	36(79)	38(84)	52(115)	52(115)	61(134)	63(139)	53(117)	62(137)	63(139)
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	13	16	20	25	25	32	32	16	16	16
Max. Operating Current	Cooling/Heating	A	10.1/10.1	11.6/11.6	12.6/12.6	22.5/22.5	22.5/22.5	28.1/28.1	28.1/28.1	10.5/10.5	13.6/13.6	13.6/13.6
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	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8
Max Pipe Length (Pre-Charge)		m	20 (15)	25 (15)	25(20)	30(30)	30(30)	30(30)	30(30)	30(30)	30(30)	30(30)
Max Height Difference		m	15	20	20	30	30	30	30	30	30	30
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating		-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		R32	R32	R32	R32	R32	R32	R32	R32	R32	R32
	Charge	g	900	1100	1250	1900	1900	2400	2400	1900	2400	2400
	Additional Charge	g/m	20	20	20	-	-	-	-	-	-	-
Cassette Grille	Model name		UTG-UKYA-W (Wired remote controller UTY-RNRYZ3 included)									
	Dimensions (H x W x D)	mm	53×950×950	53×950×950	53×950×950	53×950×950	53×950×950	53×950×950	53×950×950	53×950×950	53×950×950	53×950×950
	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)

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