

Model: AUXG18KRLB / AUXG22KRLB / AUXG24KRLB / AUXG30KRLB / AUXG36KRLB / AUXG45KRLB / AUXG54KRLB

NEW AUXG36KRLB [3 phase] / NEW AUXG45KRLB [3 phase] / NEW AUXG54KRLB [3 phase]



Specifications

Model No.	Indoor unit		AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	
	Outdoor unit		AOHG18KBTB	AOHG22KBTB	AOHG24KBTB	AOHG30KBTB	AOHG36KBTB	AOHG45KBTB	AOHG54KBTB	AOHG36KRTA	AOHG45KRTA	AOHG54KRTA	
Power Source			Single phase, ~230V, 50Hz							3 phase, ~400V, 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)	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)	10.8 (2.7-12.7)	13.5 (4.2-16.2)	15.5 (4.7-16.5)	
Input Power	Cooling/Heating	kW	1.36/1.51	1.71/1.82	1.89/1.90	2.44/2.51	2.91/2.45	3.61/3.21	4.41/4.16	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	3.26	3.35	3.04	
COP	Heating		3.80	3.85	3.95	3.98	4.40	4.20	3.73	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	-	-	9.5/8.7	-	-	
SEER	Cooling	W/W	7.00	7.00	6.60	6.70	6.55	-	-	6.55	-	-	
SCOP	Heating (Average)		4.30	4.40	4.20	4.30	4.30	-	-	4.30	-	-	
Energy Efficiency Class	Cooling		A++	A++	A++	A++	A++	-	-	A++	-	-	
	Heating (Average)		A+	A+	A+	A+	A+	-	-	A+	-	-	
Max. Operating Current	Cooling/Heating	A	12.1/12.1	12.6/12.6	13.6/13.6	22.6/22.6	22.6/22.6	28.5/28.5	28.5/28.5	10.5/10.5	14.0/14.0	14.0/14.0	
Annual Energy Consumption	Cooling	kWh/a	260	300	360	444	507	-	-	507	-	-	
	Heating		1,431	1,527	1,999	2,601	2,828	-	-	2,828	-	-	
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	
Sound Power Level	Outdoor(Cooling/Heating)	High	50/50	51/51	53/54	53/55	55/55	57/57	57/59	55/55	57/57	57/59	
	Indoor(Cooling/Heating)	High	47/47	49/49	49/49	54/54	58/58	60/60	61/61	58/58	60/60	61/61	
Airflow Rate	Indoor(Cooling/Heating)	High	62/62	63/63	65/66	68/69	70/70	71/71	73/73	70/70	71/71	73/73	
	Indoor / Outdoor (Cooling)	High	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	1,870/3,750	2,000/4,450	2,100/4,450	
Net Dimensions H x W x D	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	1,870/3,750	2,000/4,450	2,100/4,450	
	Indoor	mm	246x840x840	246x840x840	246x840x840	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840	
Weight	Outdoor	mm	632x799x290	632x799x290	716x820x315	788x940x320	788x940x320	998x940x320	998x940x320	788x940x320	998x940x320	998x940x320	
	Indoor	kg(lbs)	23 (51)	23 (51)	24 (53)	26 (57)	29 (64)	29 (64)	29 (64)	23 (51)	29 (64)	29 (64)	
Weight	Outdoor	kg(lbs)	36 (79)	38 (84)	42 (93)	52 (115)	52 (115)	67 (148)	67 (148)	53 (117)	67 (148)	67 (148)	
	Connection Pipe Diameter (Liquid / Gas)		6.35/12.70	6.35/12.70	6.35/12.70	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	
Drain hose Diameter (I.D./O.D.)			25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32	
Max Pipe Length (Pre-Charge)			30 (20)	30 (20)	30 (20)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)	
Max Height Difference			20	25	25	30	30	30	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	-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	-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	
	Charge	kg(CO2eq-T)	1.02 (0.689)	1.25 (0.844)	1.25(0.844)	1.90(1.283)	1.90(1.283)	2.70(1.823)	2.70(1.823)	1.90(1.283)	2.70(1.823)	2.70(1.823)	
Cassette Grille	Variation		UTG-UKGA-W: White Color with touch panel wired remote controller UTG-UKGC-W: White Color / UTG-UKGA-B*: Black Color							UTG-UKGA-W: White Color with touch panel wired remote controller UTG-UKGC-W: White Color / UTG-UKGA-B*: Black Color			
	Dimensions (H × W × D)	mm	53x950x950	53x950x950	53x950x950	53x950x950	53x950x950	53x950x950	53x950x950	53x950x950	53x950x950	53x950x950	
	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)	

Optional parts

*1: IR Receiver kit and human sensor kit cannot be connected.

Compact Wired Remote Controller:
Wired Remote Controller (Touch Panel):
Wired Remote Controller:

UTY-RCRGZ1
UTY-RNRGZ3
UTY-RLRG
UTY-RNNGM
UTY-RVNGM

Wireless LAN Interface:

KNX® Convertor:
MODBUS® Convertor:
External input and output PCB:
External input and output PCB Box:
Insulation Kit For High Humidity:
Fresh Air Intake Kit:
Wide Panel:
Panel Spacer:
IR Receiver Unit

UTY-TFSXZ1
FJ-RC-WIFI-1
UTY-VKXS
UTY-VMSX
UTY-XCSX
UTZ-GXRA
UTZ-KXRA
UTZ-VXRA
UTG-AKXA-W
UTG-BKXA-W
UTY-LBTGC

Cassette Grille:

UTG-UKGA-B
UTG-UKGA-W
UTG-UKGC-W
UTR-YDZK
UTY-VTGX
UTY-VTGXV
FJ-RC-MBS-1
FJ-RC-KNX-11

Air Outlet Shutter Plate:

Network Converter for single split (DC power supply type):

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

MODBUS® Interface:

KNX® Interface:

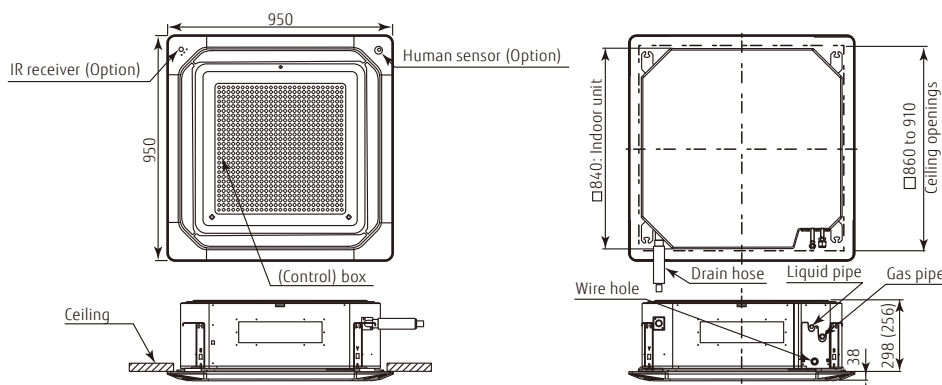
(Outdoor unit 30/36/45/54)

External Connect Kit:

UTY-XWZC23

Dimensions

(Unit : mm)



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