

Model : ARXG22KMLA / ARXG24KMLA / ARXG30KMLA / ARXG36KMLA / ARXG45KMLA

NEW ARXG36KMLA [3 phase] / **NEW** ARXG45KMLA [3 phase]



For ARXG22KMLA

For ARXG24KMLA

For ARXG30/36KMLA

For ARXG45KMLA

Specifications

Model No.	Indoor unit		ARXG22KMLA	ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA	ARXG36KMLA	ARXG45KMLA
	Outdoor unit		AOHG22KBTB	AOHG24KBTB	AOHG30KBTB	AOHG36KBTB	AOHG45KBTB	AOHG36KRTA	AOHG45KRTA
Power Source			Single phase, ~230V, 50Hz					3 phase, ~400V, 50Hz	
Capacity	Cooling	kW	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 (4.0-13.0)	9.5 (2.8-11.2)	12.1 (4.0-13.0)
	Heating		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 (4.2-15.2)	10.8 (2.7-12.7)	13.5 (4.2-15.2)
Input Power	Cooling/Heating	kW	1.78/1.87	2.14/1.97	2.65/2.63	2.97/2.88	4.22/3.84	2.97/2.88	4.22/3.84
EER	Cooling	W/W	3.37	3.18	3.21	3.20	2.87	3.20	2.87
COP	Heating		3.74	3.80	3.80	3.75	3.52	3.75	3.52
Pdesign	Cooling/Heating(-10°C)	kW	6.0/4.8	6.8/6.0	8.5/8.0	9.5/8.7	-	9.5/8.7	-
SEER	Cooling	W/W	6.10	6.20	6.23	6.10	-	6.10	-
SCOP	Heating		4.10	4.10	4.00	4.00	-	4.00	-
Energy Efficiency Class	Cooling		A++	A++	A++	A++	-	A++	-
	Heating		A+	A+	A+	A+	-	A+	-
Max. Operating Current	Cooling/Heating	A	12.6/12.6	13.6/13.6	22.6/22.6	22.6/22.6	28.5/28.5	10.5/10.5	14.0/14.0
Annual Energy Consumption	Cooling	kWh/a	344	384	477	545	-	545	-
	Heating		1,637	2,045	2,797	3,044	-	3,044	-
Moisture Removal		l/h	2.1	2.5	2.5	3.0	4.0	3.0	4.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	31/29/27/25	31/29/27/25	39/35/30/26	39/35/30/26	42/38/32/28	39/35/30/26	42/38/32/28
	Indoor (Heating)	H/M/L/Q	31/29/27/25	31/29/27/25	42/35/30/26	42/35/30/26	42/38/32/28	42/35/30/26	42/38/32/28
Sound Power Level	Outdoor(Cooling/Heating)	High	51/51	53/54	53/55	55/55	57/57	55/55	57/57
	Indoor(Cooling/Heating)	High	60/62	60/62	65/69	65/70	68/70	65/70	68/70
Airflow Rate	Outdoor(Cooling/Heating)	High	63/63	65/66	68/69	70/70	71/71	70/70	71/71
	Indoor / Outdoor (Cooling)	High	1,100/2,240	1,100/2,700	1,900/3,750	1,900/3,750	2,100/4,450	1,900/3,750	2,100/4,450
Static pressure range (Standard)	Indoor	Pa	30 to 150 (35)	30 to 150 (35)	30 to 150 (47)	30 to 150 (47)	30 to 150 (60)	30 to 150 (47)	30 to 150 (60)
	Outdoor		270x1,135x700	270x1,135x700	270x1,135x700	270x1,135x700	270x1,135x700	270x1,135x700	270x1,135x700
Net Dimensions H x W x D	Indoor	mm	632x799x290	716x820x315	788x940x320	788x940x320	998x940x320	788x940x320	998x940x320
Weight	Indoor	kg(lbs)	35 (77)	35 (77)	38 (84)	38 (84)	39 (86)	38 (84)	39 (86)
	Outdoor	kg(lbs)	38 (84)	42 (93)	52 (115)	52 (115)	67 (148)	53 (117)	67 (148)
Connection Pipe Diameter (Liquid / Gas)		mm	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
Drain hose Diameter (I.D./O.D.)		mm	35.7/38.1	35.7/38.1	35.7/38.1	35.7/38.1	35.7/38.1	35.7/38.1	35.7/38.1
Max Pipe Length (Pre-Charge)		m	30 (20)	30 (20)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)
Max Height Difference			25	25	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
	Heating		-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)
	Charge	kg(CO2eq-T)	1.25 (0.844)	1.25(0.844)	1.90(1.283)	1.90(1.283)	2.70(1.823)	1.90(1.283)	2.70(1.823)

Optional parts

Compact Wired Remote Controller: UTY-RCRGZ1
 Wired Remote Controller (Touch Panel): UTY-RNRGZ3
 Wired Remote Controller: UTY-RLRG
 UTY-RNNGM
 UTY-RVNGM
 Simple Remote Controller (Without operation mode): UTY-RHRG
 Simple Remote Controller: UTY-RSRG
 UTY-RSNGM
 IR Receiver Unit: UTY-LBTGM

External Switch Controller: UTY-TERX
 Wireless LAN Interface: UTY-TFSXZ1
 FJ-RC-WIFI-1
 KNX® Convertor: UTY-VKXS
 MODBUS® Convertor: UTY-VMSX
 Flange (Round): UTD-LF25NA
 Flange (Square): UTD-RF204
 MODBUS® Interface: FJ-RC-MBS-1
 KNX® Interface: FJ-RC-KNX-1i

Network Converter for single split (DC power supply type): UTY-VTGX
 Network Converter for single split (AC power supply type): UTY-VTGXV
 Remote Sensor Unit: UTY-XSZX
 External Connect Kit: UTY-XWZXZG
 Drain Pump Unit: UTZ-PX1NBA
 Long-Life Filter: UTD-SF045T
 (Outdoor unit 30/36/45/54)
 External Connect Kit: UTY-XWZXZ3

Dimensions

(Unit : mm)

