

NEW PRODUCT RELEASE

Split Air Conditioner Medium Static Duct

Model (1 Phase):

ARXG22KMLA / AOEG22KATA
 ARXG24KMLA / AOEG24KATA
 ARXG30KMLA / AOEG30KATA
 ARXG36KMLA / AOEG36KATA
 ARXG45KMLA / AOEG45KATA

Model (3 Phase):

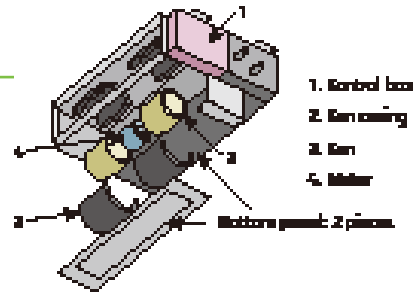
ARXG36KMLA / AOEG36KQTA
 ARXG45KMLA / AOEG45KQTA



(30/36/45)

Easy maintenance

Structural improvement is attained by making the bottom panel in two pieces—front and rear. The internal fan casing is also manufactured in two pieces—upper and lower. As a result, the motor and fan can be easily accessed and maintained by removing the rear panel and the lower casing while leaving the main chassis in place.

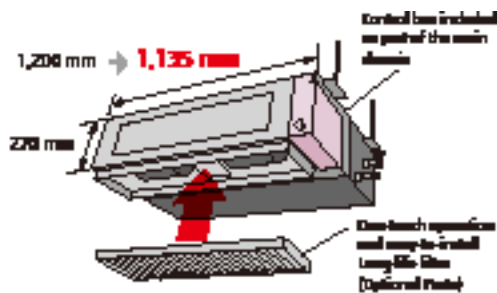


See below for case of rear-suction type

Slim & Compact design

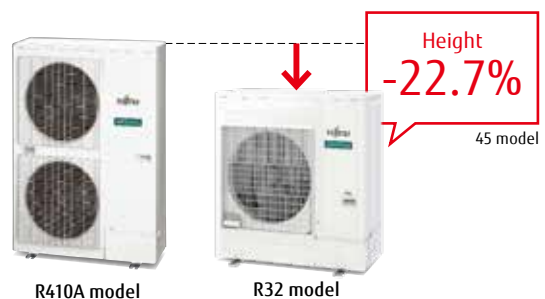
Indoor Unit

The slim and compact design of the indoor unit, with the control box mounted on the side, allows installation in narrow spaces.



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.



Two-direction drain piping



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.



Central Control System



Specifications

Model No.	Indoor unit		For ARXG22KMLB		For ARXG24KMLA		For ARXG30KMLA		For ARXG36KMLA		For ARXG45KMLA	
	Outdoor unit		ARXG22KATA	ARXG24KATA	ARXG30KATA	ARXG36KATA	ARXG45KATA	ARXG36KQTA	ARXG45KQTA			
Power Source			Single phase, ~230V, 50Hz						3 phase, ~400V, 50Hz			
Capacity	Cooling	kW	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)	9.5(2.8-10.6)	12.1(4.0-12.6)			
	Heating		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)	10.8(2.7-12.5)	13.5(4.2-15.0)			
UK Total/sensible cooling		kW	5.65 / 4.23	6.63 / 4.86	8.08 / 6.23	9.03 / 6.83	11.54 / 8.64	9.03 / 6.83	11.54 / 8.64			
Input Power	Cooling/Heating	kW	1.92/2.00	2.19/2.00	2.78/2.77	3.13/3.03	4.84/4.18	3.13/3.03	4.84/4.18			
EER	Cooling	W/W	3.13	3.11	3.06	3.04	2.50	3.04	2.50			
COP	Heating		3.50	3.75	3.61	3.56	3.23	3.56	3.23			
Pdesign	Cooling/Heating(-10°C)	kW	6.0/4.4	6.8/5.4	8.5/8.0	9.5/8.7	-	9.5/8.7	-			
SEER	Cooling	W/W	5.8	5.9	5.8	5.6	4.85*	5.6	4.85*			
SCOP	Heating		3.8	3.9	3.9	3.9	3.55*	3.9	3.55*			
Energy Efficiency Class	Cooling		A+	A+	A+	A+	-	A+	-			
	Heating		A	A	A	A	-	A	-			
Annual Energy Consumption	Cooling	kWh/a	362	403	513	594	-	594	-			
	Heating		1,620	1,935	2,871	3,122	-	3,122	-			
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	52/53	54/55	53/55	55/55	58/59	55/55	58/59			
	Indoor (Cooling/Heating)	High	60/62	60/62	65/69	65/70	68/70	65/70	68/70			
Airflow Rate	Indoor / Outdoor (Cooling)	High	1,100/2,240	1,100/2,885	1,900/3,750	1,900/3,750	2,100/4,450	1,900/3,750	2,100/4,450			
	Indoor / Outdoor (Heating)	High	1,100/2,240	1,100/2,350	2,100/3,750	2,100/3,750	2,100/4,450	2,100/3,750	2,100/4,450			
Static pressure range (Standard)		Pa	30 - 150 (35)	30 - 150 (35)	30 - 150 (47)	30 - 150 (47)	30 - 150 (60)	30 - 150 (47)	30 - 150 (60)			
Net Dimensions H x W x D	Indoor	mm	270×1,135×700	270×1,135×700	270×1,135×700	270×1,135×700	270×1,135×700	270×1,135×700	270×1,135×700			
	Outdoor	mm	632×799×290	632×799×290	788×940×320	788×940×320	998×940×320	788×940×320	998×940×320			
Weight	Indoor	kg	35	35	38	38	39	38	39			
	Outdoor	kg	36	38	52	52	61	53	62			
Remote Controller Type (NOT Supplied With Unit)	NO CONTROLLER SUPPLIED WITH THESE UNITS PLEASE ORDER SEPARATELY											
Interconnecting Cable (Suggested cable size 1.5mm)	3 Core + Earth											
Suggested MCB Size	A		16	20	25	25	32	16	16			
Max. Operating Current	Cooling/Heating	A	11.6/11.6	12.6/12.6	22.5/22.5	22.5/22.5	28.1/28.1	10.5/10.5	13.6/13.6			
Power Supply To	Outdoor											
Connection Pipe Diameter (Gas / Liquid)	Inch		1/2 & 1/4			5/8 & 3/8			5/8 & 3/8			
Max Pipe Length (Pre-Charge)	m		25 (15)			30 (30)			30 (30)			
Max Height Difference			20			30			30			
Refrigerant	Type		R32						R32			
	Charge	g	1100	1250	1900	1900	2400	1900	2400			
	Additional Charge	g/m	20	20	-	-	-	-	-			
Operation Range	Cooling	°CDB	-10 to 46						-10 to 46			
	Heating		-15 to 24						-15 to 24			

* calculated result

Optional parts

m103* 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	Network Converter for single split (DC power supply type):	UTY-VTGX
Compact wired remote controller:	UTY-RCRYZ1	WLAN adapter:	UTY-TFSXJ3	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller (touch panel):	UTY-RNRYZ5		FG-AC-WIF1Z1	Long-life filter:	UTD-LF25NA
Wired remote controller:	UTY-RVNYM	Flange (Round):	UTD-RF204	Silver Ion Filter:	UTD-HFND
Simple remote controller (without operation mode):	UTY-RHRY	Flange (Square):	UTD-SF045T	External connect kit:	UTY-XWZXZG
Simple remote controller:	UTY-RSRY	Remote sensor unit:	UTY-XSZXZ1		
Wireless Remote Controller:	UTY-LNTY	Drain pump unit:	UTZ-PX1NBA	(Outdoor unit 30/36/45)	
IR receiver unit:	UTY-LBTYM			External connect kit:	UTY-XWZXZ3

Dimensions

(Unit: mm)

