

## NEW PRODUCT RELEASE

## Split Air Conditioner Medium Static Duct

Model (1 Phase):

**ARXG22KMLA / AOEG22KBTB**  
**ARXG24KMLA / AOEG24KBTB**  
**ARXG30KMLA / AOEG30KBTB**  
**ARXG36KMLA / AOEG36KBTB**  
**ARXG45KMLA / AOEG45KBTB**

Model (3 Phase):

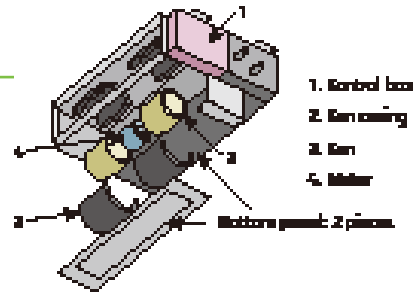
**ARXG36KMLA / AOEG36KRTA**  
**ARXG45KMLA / AOEG45KRTA**



(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.

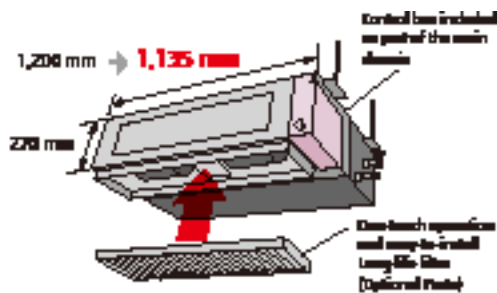


See below for case of rear-suction type

### Slim & Compact design

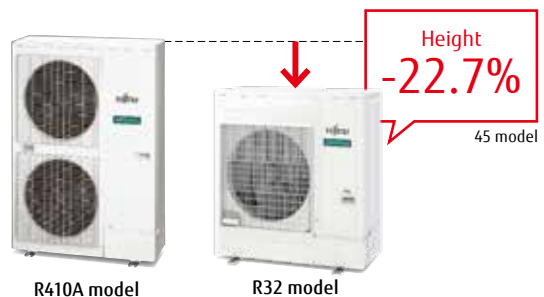
#### Indoor Unit

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 name	Indoor unit		ARXG22KMLB	ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA	ARXG36KMLA	ARXG45KMLA	
	Outdoor unit		AOEG22KBTB	AOEG24KBTB	AOEG30KBTB	AOEG36KBTB	AOEG45KBTB	AOEG36KRTA	AOEG45KRTA	
Power Source			Single phase, ~230 V, 50 Hz					3-phase, ~400 V, 50 Hz		
Capacity	Cooling	kW	6.0	6.8	8.5	9.5	12.1	9.5	12.1	
	Heating		7.0	7.5	10.0	10.8	13.5	10.8	13.5	
UK Total Cooling / UK Sensible Cooling										
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	W/W	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	5.25*	6.10	5.25*	
SCOP	Heating	W/W	4.10	4.10	4.00	4.00	3.63*	4.00	3.63*	
Energy Efficiency Class	Cooling		A++	A++	A++	A++	-	A++	-	
	Heating		A+	A+	A+	A+	-	A+	-	
Annual Energy Consumption	Cooling	kWh/a	344	384	477	545	-	545	-	
	Heating	kWh/a	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	
Sound Power Level	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	
Airflow Rate	Indoor/Outdoor (Heating)	High	1,100/1,960	1,100/2,700	2,100/3,750	2,100/3,750	2,100/4,450	2,100/3,750	2,100/4,450	
	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)		Pa	30 to 150 (35)	30 to 150 (35)	30 to 150 (47)	30 to 150 (47)	30 to 150 (60)	30-150 (47)	30-150 (60)	
Net Dimensions	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	716 × 820 × 315	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	38	42	52	52	67	53	67	
Remote Controller Type			NO CONTROLLER SUPPLIED WITH THESE UNITS PLEASE ORDER SEPARATELY							
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth					3 Core + Earth		
Suggested MCB Size			A	A	A	A	A	A	A	
Max. Operating Current	Cooling/Heating	A	12.6	13.6	22.6	22.6	28.5	10.5	14.0	
Power Supply To			Outdoor					Outdoor		
Connection Pipe Diameter (Liquid/Gas)			1/4 & 1/2		3/8 & 5/8			3/8 & 5/8		
Max. Pipe Length (Pre-Charge)			30 (20)		50 (30)			50 (30)		
Max. Height Difference			25		30			30		
Refrigerant	Type (Global Warming Potential)		R32 (675)					R32 (675)		
	Charge (CO2eq-T)	g	1250 (0.844)		1900 (1.283)		2700 (1.823)		1900 (1.283) 2700 (1.823)	
Additional Charge		g/m	20		20 40 40		40 40		40 40	
					-15 to 46			-15 to 46		
Operating Range	Cooling	°CDB			-15 to 24			-15 to 24		
	Heating	°CDB			-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)

