

## NEW PRODUCT RELEASE

## Multi Split Air Conditioner Simultaneous Multi

**Model (1 Phase):**  
**AOEG36KBTB**  
**AOEG45KBTB**  
**AOEG54KBTB**

**Model (3 Phase):**  
**AOEG36KRTA**  
**AOEG45KRTA**  
**AOEG54KRTA**



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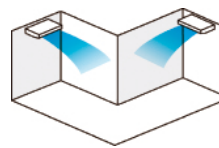
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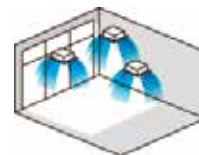
Meets a variety of installation needs from offices to commercial spaces, with up to 3 indoor units in the same room connected to an outdoor unit.

Select indoor units according to floor layout and heat load estimated by the number of people working in the room and the direction and intensity of sunlight entering the room. Perfect airflow distribution can be achieved for optimum comfort.

Installation according to floor layout



Installation according to lighting conditions



### Design flexibility

#### Slim & Compact Design

The outdoor unit in this series is 22.7% shorter\* than a twin-fan outdoor unit. The reduced height makes it easy to install in tight spaces.



R410A model

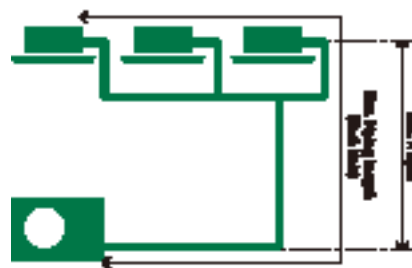


R32 model

Height  
**-22.7%\***  
 (\*: Applicable to the 45,000- and 54,000-BTU models)

### Flexible installation

Pipe length of up to 50 m and a height difference of up to 30 m can be accommodated. Multi-split systems can be installed in large residences and multi-story buildings.



Max.  
 Pipe Length  
 (Each Unit):  
**50 m**  
 Max. Height:  
**30 m**

### New lineup of indoor units

The indoor units, available in 6 models of 3 types, can be selected according to room size and conditions.



Compact Cassette



Slim Duct



Duct

Note: Please be aware that 2-wired group control is not possible with Simultaneous Multi-split.

## Specifications

Indoor Units Model name				Compact Cassette		
				AUXG18KVLA	AUXG22KVLA	AUXG24KVLA
Power Source				Single phase, ~230 V, 50 Hz		
Airflow Rate	Cooling	H/M/L/Q	m <sup>3</sup> /h	680/580/490/410	830/740/600/450	930/830/600/450
	Heating	H/M/L/Q		800/680/580/450	860/760/700/530	930/850/700/530
Net Dimensions H × W × D				245 × 570 × 570	245 × 570 × 570	245 × 570 × 570
Weight				15	16	16
Cassette Grille				UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W

Indoor Units Model name				Slim Duct	Duct	
				ARXG18KLLAP	ARXG22KMLB	ARXG24KMLA
Power Source				Single phase, ~230 V, 50 Hz		
Airflow Rate	Cooling	H/M/L/Q	m <sup>3</sup> /h	940/880/820/750	1,100/910/750/580	1,100/910/750/580
	Heating	H/M/L/Q		940/880/820/750	1,100/910/750/580	1,100/910/750/580
Net Dimensions H × W × D				198 × 900 × 620	270 × 1,135 × 700	270 × 1,135 × 700
Weight				20	35	35

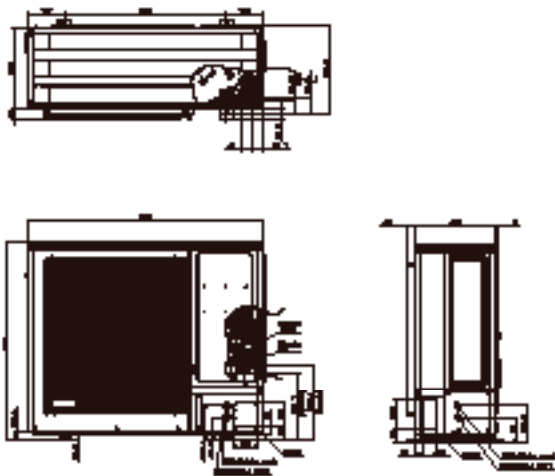
Outdoor Units Model name			AOEG36KBTB	AOEG45KBTB	AOEG54KBTB	AOEG36KRTA	AOEG45KRTA	AOEG54KRTA
Capacity	Cooling	kW	9.5	12.1	13.4	9.5	12.1	13.4
	Heating		10.8	13.5	15.5	10.8	13.5	15.5
Power Source			Single phase, ~230 V, 50 Hz			3-phase, ~400 V, 50 Hz		
Pdesign	Cooling	kW	9.5	-	-	9.5	-	-
	Heating (-10°C)		8.7	-	-	8.7	-	-
SEER	Cooling	W/W	6.10	-	-	6.10	-	-
SCOP	Heating		4.00	-	-	4.00	-	-
Annual Energy Consumption	Cooling	kWh/a	545	-	-	545	-	-
	Heating		3,044	-	-	3,044	-	-
Energy Efficiency Class	Cooling		A++	-	-	A++	-	-
	Heating		A+	-	-	A+	-	-
Sound Pressure Level (High)	Cooling	dB(A)	55	57	57	55	57	57
	Heating		55	57	59	55	57	59
Sound Power Level (High)	Cooling		70	71	73	70	71	73
	Heating		70	71	73	70	71	73
Airflow Rate	Cooling/Heating	m <sup>3</sup> /h	3,750/3,750	4,450/4,450	4,450/4,450	3,750/3,750	4,450/4,450	4,450/4,450
Net Dimensions H × W × D			788 × 940 × 320	998 × 940 × 320	998 × 940 × 320	788 × 940 × 320	998 × 940 × 320	998 × 940 × 320
Weight			52	67	67	53	67	67
Connection Pipe Diameter (Liquid/Gas)			3/8 & 5/8			3/8 & 5/8		
Max. Pipe Length (Pre-Charge)			50 (30)			50 (30)		
Max. Height Difference			30			30		
Operating Range	Cooling	°CDB	-15 to 46			-15 to 46		
	Heating		-15 to 24			-15 to 24		
Refrigerant	Type (Global Warming Potential)		R32 (675)			R32 (675)		
	Charge	kg (CO <sub>2</sub> eq-T)	1.90 (1.283)	2.70 (1.823)	2.70 (1.823)	1.90 (1.283)	2.70 (1.823)	2.70 (1.823)
Separation tube			UTP-SX236A (Twin)	UTP-SX236A (Twin)	UTP-SX236A (Twin) UTP-SX354A (Triple)	UTP-SX236A (Twin)	UTP-SX236A (Twin)	UTP-SX236A (Twin) UTP-SX354A (Triple)

Note : Please be aware that 2-wired group control is not possible with Simultaneous Multi-split.

- Indoor units of different types and capacity cannot be connected.
- The above specifications apply when used with a cassette type indoor unit.

## Dimensions (Unit: mm)

### AOEG36KBTB / AOEG36KRTA



### AOEG45KBTB / AOEG54KBTB AOEG45KRTA / AOEG54KRTA

