

Simultaneous Multi

AOYG36KBTB
AOYG45KBTB
AOYG54KBTB



AOYG36KBTB



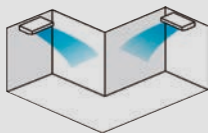
AOYG45/54KBTB



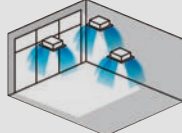
Supports various installation scenes from office to commercial space, inside the same room and multi connection of up to 3 indoor units.

Selection of indoor units according to the room shape and heat load, like number of people and lighting conditions. Most comfortable air flow distribution can be realised.

Installation according to floor layout



Installation according to lighting conditions



Design flexibility

Slim & Compact design

This model is much more compact than conventional outdoor unit. Significant reduced height of the product supports installations in narrow spaces.



Current model



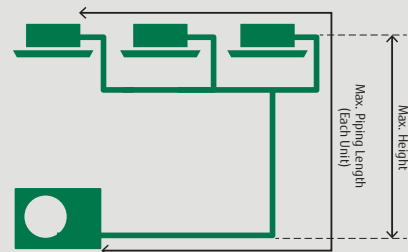
New 45/54 models

Height
-22.7%*
(*:45/54 Model)



Flexible installation

Up to max. piping length of 50 m, max. height difference of 30 m can be supported. Multi type can be installed in large-size residence or buildings with multiple floors.



Max.
Piping Length
(Each Unit):

50 m

Max. Height:

30 m



New Indoor unit lineup

3 types 6 models indoor units are provided, so you can select them depending on your room size and conditions.



Compact Cassette



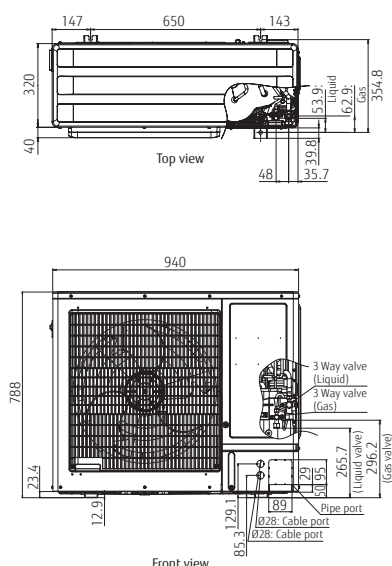
Slim Duct



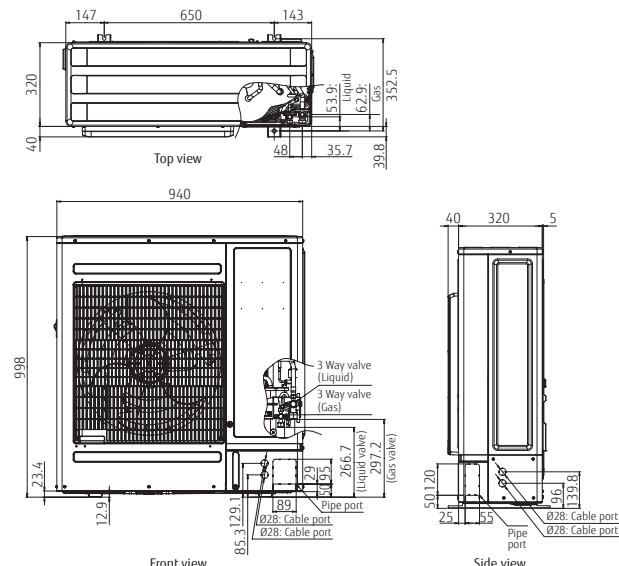
Duct

Dimensions

AOYG36KBTB



AOYG45/54KBTB



(Unit : mm)

Indoor Units Model No.				Compact Cassette		
				AUXG18KVLA	AUXG22KVLA	AUXG24KVLA
Power Source				Single-phase, ~230V, 50Hz		
Airflow Rate	Cooling	H/M/L/Q	m ³ /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 Dimension H × W × D			mm	245x570x570	245x570x570	245x570x570
Weight			kg(lbs)	15 (33)	16 (35)	16 (35)
Cassette Grille				UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W

Indoor Units Model No.				Duct		
				ARXG18KLLAP	ARXG22KMLA	ARXG24KMLA
Power Source				Single-phase, ~230V, 50Hz		
Airflow Rate	Cooling	H/M/L/Q	m ³ /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 Dimension H × W × D			mm	198x900x620	270x1,135x700	270x1,135x700
Weight			kg(lbs)	20 (44)	35 (77)	35 (77)

Outdoor Units Model No.			AOYG36KBTB	AOYG45KBTB	AOYG54KBTB
Capacity	Cooling	kW	9.5	12.1	13.4
	Heating		10.8	13.5	15.5
Power Source			Single-phase, ~230V, 50Hz		
Pdesign	Cooling	kW	—	—	—
	Heating (-10°C)		8.7	9.2	9.5
SEER	Cooling	W/W	6.10	—	—
SCOP	Heating		4.00	—	—
Annual Energy Consumption	Cooling	kWh/a	545	—	—
	Heating		3,043	—	—
Energy Efficiency Class	Cooling		A++	—	—
	Heating		A+	—	—
Sound Pressure Level (High)	Cooling	dB(A)	55	57	57
	Heating		55	57	59
Sound Power Level (High)	Cooling		70	71	73
	Heating		70	71	73
Airflow Rate	Cooling / Heating	m³/h	3,750/3,750	4,450/4,450	4,450/4,450
Net Dimension H × W × D		mm	788x940x320	998x940x320	998x940x320
Weight		kg (lbs)	52 (115)	67 (148)	67 (148)
Connection Pipe Diameter (Liquid / Gas)		mm	9.52/15.88	9.52/15.88	9.52/15.88
Max Pipe Length (Pre-Charge)		m	50 (30)	50 (30)	50 (30)
Height Difference			30	30	30
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
	Charge	kg(CO2eq-T)	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)

- Different type and capacity indoor units cannot be connected.
- The above table is the value for connecting with cassette type.

- Specifications and design are subject to change without notice for further improvement.
- Actual products' colours may be different from the colours shown in this printed material.

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