

MULTI SPLIT



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 realized.

Installation according to floor layout



Installation according to lighting conditions

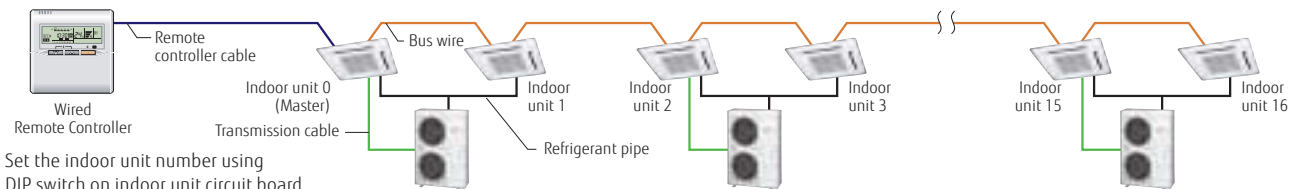


Installation according to layout and lighting conditions



Simultaneous control

Max 16 indoor units are simultaneously controlled with a wired remote controller.



Set the indoor unit number using DIP switch on indoor unit circuit board.

Indoor unit lineup

4 types 9 models indoor units are provided, so you can select them depending on your room size and conditions.



Compact Cassette



Slim Duct



Duct



Floor/Ceiling Universal

Model : AOYG36LBTB / AOYG45LBTB / AOYG54LBTB
 AOYG36LATT [3phase] / AOYG45LATT [3phase] / AOYG54LATT [3phase]



Specifications (Indoor units/Outdoor units)

Indoor Units Model No.				Compact Cassette		
				AUYG18LVLB	AUYG22LVLA	AUYG24LVLA
Power Source				Single-phase, ~230V, 50Hz		
Airflow Rate	Cooling	H/M/L/Q	m ³ /h	750/610/520/410	930/830/600/450	930/830/600/450
	Heating	H/M/L/Q		800/710/600/450	930/860/700/530	930/830/600/450
Net Dimension H × W × D				mm		
Weight				kg(lbs)		
Cassette Grille				UTG-UFYD-W		

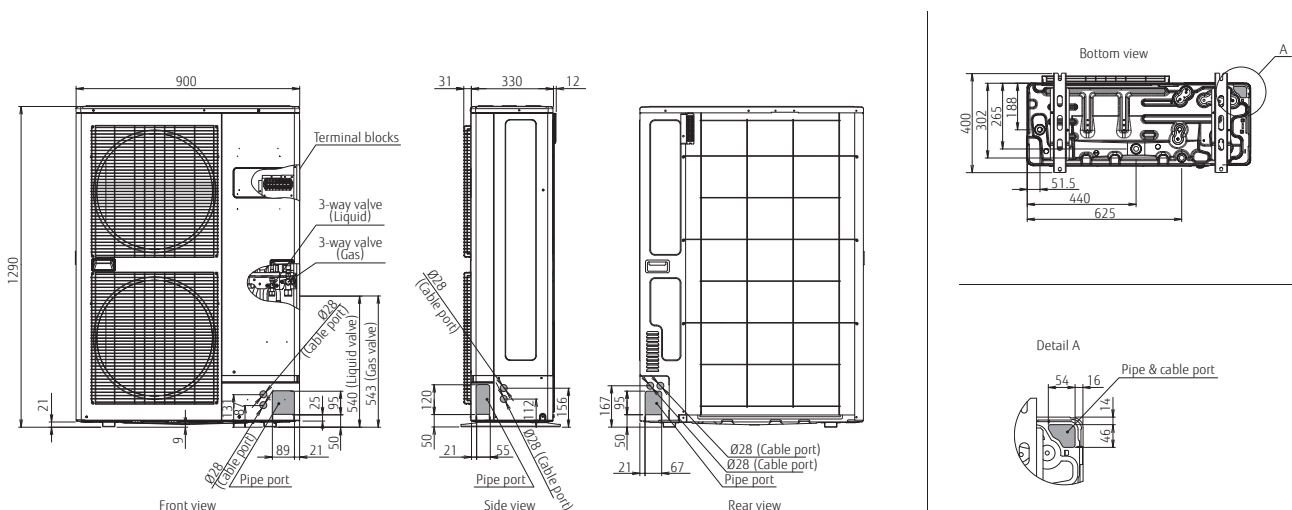
Indoor Units Model No.				Duct			Floor/Ceiling Universal		
				ARYG18LLTB	ARYG22LMLA	ARYG24LMLA	ABYG18LVTB	ABYG22LVTVA	ABYG24LVTVA
Power Source				Single-phase, ~230V, 50Hz			Single-phase, ~230V, 50Hz		
Airflow Rate	Cooling	H/M/L/Q	m ³ /h	940/880/820/750	1,100/910/750/580	780/700/560/500	980/820/680/540	980/820/680/540	
	Heating	H/M/L/Q		940/880/820/750	1,100/910/750/580	780/700/560/500	980/820/680/540	980/820/680/540	
Net Dimension H × W × D				mm			mm		
Weight				kg(lbs)			kg(lbs)		

Outdoor Units Model No.				AOYG36LBTB	AOYG45LBTB	AOYG54LBTB	AOYG36LATT	AOYG45LATT	AOYG54LATT
Capacity	Cooling	kW	10.0	12.1	13.3	10.0	12.5	14.0	
	Heating		11.2	14.0	15.0	11.2	14.0	16.0	
Power Source				Single-phase, ~230V, 50Hz			3-phase, ~400V, 50Hz		
Pdesign	Cooling	kW	10.0	-	-	10.0	-	-	
	Heating (-10°C)		10.0	-	-	10.0	-	-	
SEER	Cooling	W/W	5.56	-	-	6.00	-	-	
	Heating		3.90	-	-	4.00	-	-	
Annual Energy Consumption	Cooling	kWh/a	629	-	-	583	-	-	
	Heating		3,588	-	-	3,499	-	-	
Energy Efficiency Class	Cooling	°CDB	A	-	-	A+	-	-	
	Heating		A	-	-	A+	-	-	
Sound Pressure Level (High)	Cooling	dB(A)	52	54	55	51	54	55	
Sound Power Level (High)	Heating		69	70	72	69	69	71	
Airflow Rate	Cooling / Heating	m ³ /h	6,200/6,200	6,750/6,200	6,850/6,750	6,200/6,200	6,750/6,200	6,900/6,900	
Net Dimension H × W × D				mm			mm		
Weight				kg(lbs)			kg(lbs)		
Connection Pipe Diameter (Liquid / Gas)				mm			mm		
Max Pipe Length (Pre-Charge)				m			m		
Height Difference				°CDB			°CDB		
Operation Range	Cooling	°CDB	-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	
Refrigerant	Type (Global Warming Potential)	kg(CO ₂ eq-T)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	
	Charge		3.45 (7.2)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)	
Separation tube				UTP-SX236A(Twin)			UTP-SX254A(Twin) / UTP-SX354A(Triple)		

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

Dimensions

(Unit : mm)



MULTI SPLIT

Simultaneous Multi Twin/Triple/Double Twin



Support various applications from open plan offices to retail stores, with up to 4 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 realized.

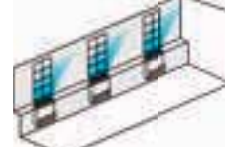
Installation according to floor layout



Installation according to lighting conditions



Installation according to layout and lighting conditions

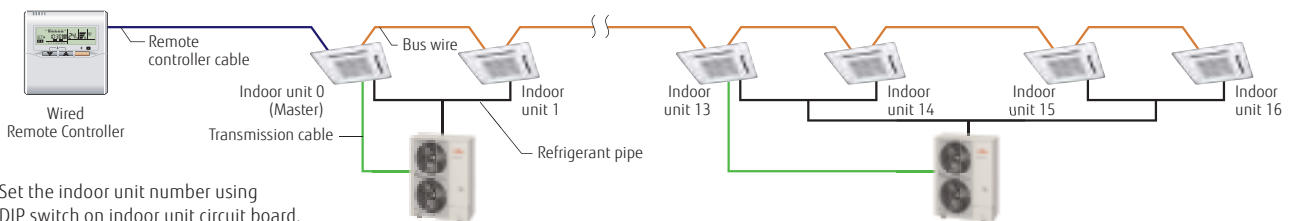


Installation according to large space



Simultaneous control

Max 16 indoor units are simultaneously controlled with a wired remote controller.



Set the indoor unit number using DIP switch on indoor unit circuit board.

*When using a wireless remote controller, the following functions cannot be used: Timer operation, Sleep Timer operation, 10°C Heat operation

Indoor unit lineup

6 types 18 models indoor units are provided, so you can select them depending on your room size and conditions.



Compact Cassette



Cassette



Slim Duct



Duct



Floor/Ceiling Universal



Ceiling

Model: AOYG72LRLA [3phase] / AOYG90LRLA [3phase]



Specifications (Indoor units/Outdoor units)

Indoor Units Model No.				Compact Cassette, Cassette					
				AUYG18LVLB	AUYG22LVLA	AUYG24LVLA	AUYG30LRLE	AUYG36LRLE	AUYG45LRLA
Power Source				Single-phase, ~230V, 50Hz					
Airflow Rate	Cooling	H/M/L/Q	m ³ /h	750/610/520/410	930/830/600/450	930/830/600/450	1,600/1,400/1,270/1,150	1,800/1,400/1,270/1,150	1,900/1,640/1,460/1,250
	Heating	H/M/L/Q		800/710/600/450	930/860/700/530	930/830/600/450	1,800/1,400/1,270/1,150	1,800/1,400/1,270/1,150	1,900/1,640/1,460/1,250
Net Dimension H × W × D			mm	245×570×570	245×570×570	245×570×570	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840
Weight			kg(lbs)	15 (33)	16 (35)	16 (35)	26 (57)	26 (57)	26 (57)
Cassette Grille				UTG-UFYD-W			UTG-UGYA-W		

Indoor Units Model No.				Duct					
				ARYG18LLTB	ARYG22LMLA	ARYG24LMLA	ARYG30LMLE	ARYG36LMLE	ARYG45LMLA
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	1,900/1,620/1,270/980	1,900/1,620/1,270/980	2,100/1,750/1,350/1,070
	Heating	H/M/L/Q		940/880/820/750	1,100/910/750/580	1,100/910/750/580	2,100/1,620/1,270/980	2,100/1,620/1,270/980	2,100/1,750/1,350/1,070
Net Dimension H × W × D			mm	198 × 900 × 620	270 × 1135 × 700	270 × 1135 × 700	270 × 1135 × 700	270 × 1135 × 700	270 × 1135 × 700
Weight			kg(lbs)	23 (51)	38 (84)	38 (84)	40 (88)	40 (88)	40 (88)

Indoor Units Model No.				Floor/Ceiling, Ceiling					
				ABYG18LVTB	ABYG22LVTA	ABYG24LVTA	ABYG30LRTE	ABYG36LRTE	ABYG45LRTE
Power Source				Single-phase, ~230V, 50Hz					
Airflow Rate	Cooling	H/M/L/Q	m ³ /h	780/700/560/500	980/820/680/540	980/820/680/540	1,660/1,500/1,200/1,000	1,900/1,500/1,200/1,000	2,100/1,700/1,400/1,100
	Heating	H/M/L/Q		780/700/560/500	980/820/680/540	980/820/680/540	1,660/1,500/1,200/1,000	1,900/1,500/1,200/1,000	2,100/1,700/1,400/1,100
Net Dimension H × W × D			mm	199 × 990 × 655	199 × 990 × 655	199 × 990 × 655	240 × 1660 × 700	240 × 1660 × 700	240 × 1660 × 700
Weight			kg(lbs)	27 (60)	27 (60)	27 (60)	46 (101)	46 (101)	46 (101)

Outdoor Units Model No.			AOYG72LRLA		AOYG90LRLA	
Capacity	Cooling	kW	19.0		22.0	
	Heating		22.4		27.0	
Power Source			3-phase, ~400V, 50Hz			
Sound Pressure Level (High)	Cooling	dB(A)	55		55	
Airflow Rate	Cooling / Heating	m ³ /h	8,400/8,400		8,400/9,000	
Net Dimension H × W × D			mm		1,428×1,080×480	
Weight			kg(lbs)		172 (378)	
Connection Pipe Diameter (Liquid / Gas)			mm		12.7/25.4	
Max Pipe Length (Pre-Charge)			m		100 (30)	
Height Difference			m		30	
Operation Range	Cooling	°CDB	-15 to 46		-15 to 46	
	Heating		-20 to 24		-20 to 24	
Refrigerant	Type (Global Warming Potential)		R410A (2,088)		R410A (2,088)	
	Charge	kg(CO2eq-T)	5.6 (11.7)		7.1 (14.8)	

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

*: That specification is not fixed yet.

Dimensions

(Unit : mm)

