

SIMULTANEOUS MULTI

For Light Commercial



PRODUCT LINEUP

Type	BTU				
	36	45	54	72	90
Twin/Triple Single phase Page 058	 AOYG36LBTB	 AOYG45LBTB	 AOYG54LBTB		
Twin/Triple 3 phase Page 058	 AOYG36LATT	 AOYG45LATT	 AOYG54LATT		
NEW Twin/Triple/ Double Twin 3 phase Page 060				 AOYG72LRLA	 AOYG90LRLA



SIMULTANEOUS MULTI

- 058 Simultaneous Multi Twin/Triple
- 060 Simultaneous Multi Twin/Triple/Double Twin

Simultaneous Multi Twin/Triple



Features

Can support various installation scenes from office to commercial space by same place multi connection of up to 3 units.

Indoor units distributed layout according to the shape and number of people and lighting conditions of the room. Ideal comfortable air flow distribution can be realized.

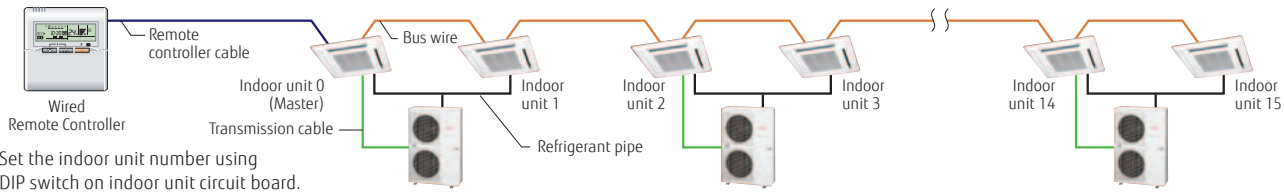
Installation according to floor layout

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.



Simultaneous Operation Multi type Indoor Unit Line up

Outdoor unit		AOYG36LBTB/AOYG36LATT	AOYG45LBTB/AOYG45LATT	AOYG54LBTB/AOYG54LATT	
		4HP	5HP	6HP	
Indoor unit	Combination	Twin		Triple	
		18×2	22×2	24×2	18×3
	Cassette	AUYG18LVLB×2	AUYG22LVLA×2	AUYG24LVLA×2	AUYG18LVLB×3
	Duct	ARYG18LLTB×2	ARYG22LMLA×2	ARYG24LMLA×2	ARYG18LLTB×3
	Ceiling	ABYG18LVTB×2	ABYG22LVTA×2	ABYG24LVTA×2	ABYG18LVTB×3
Separation tube		UTP-SX236A×1	UTP-SX254A×1	UTP-SX254×1	UTP-SX354A×1

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



Specifications

Model No.		Indoor unit		Compact Cassette			
				AUYG18LVLB	AUYG22LVLA	AUYG24LVLA	
Power Source				Single-phase, ~230V, 50Hz			
Airflow Rate (High)		Cooling	H/M/L/Q	m³/h	680/580/490/410	930/830/600/450	930/830/600/450
Net Dimension H × W × D				mm	245×570×570	245×570×570	245×570×570
Weight				kg(lbs)	15 (33)	16 (35)	16 (35)
Cassette Grille					UTG-UFYD-W	UTG-UFYD-W	UTG-UFYD-W

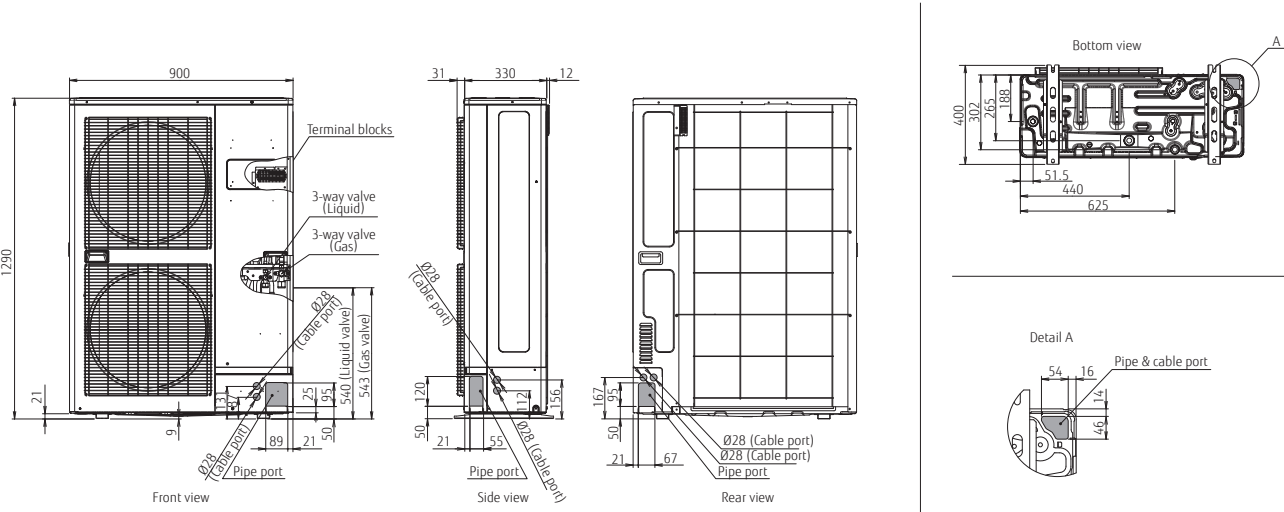
Model No.		Indoor unit		Duct			Floor/Ceiling Universal		
				ARYG18LLTB	ARYG22LMLA	ARYG24LMLA	ABYG18LVTB	ABYG22LVTA	ABYG24LVTA
Power Source				Single-phase, ~230V, 50Hz			Single-phase, ~230V, 50Hz		
Airflow Rate (High)		Cooling	H/M/L/Q	m³/h	940/880/820/750	1100/910/750/580	780/700/560/500	980/820/680/540	
Net Dimension H × W × D				mm	198 × 900 × 620	270 × 1135 × 700	199 × 990 × 655	199 × 990 × 655	
Weight				kg(lbs)	38 (84)	38 (84)	27 (60)	27 (60)	

Model No.		Outdoor unit		AOYG36LBTB	AOYG45LBTB	AOYG54LBTB	AOYG36LATT	AOYG45LATT	AOYG54LATT
Capacity		Cooling	kW	10.0	12.1	13.3	10.0	12.5	14.0
		Heating	kW	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)	kW	10.0	-	-	10.0	-	-
SEER		Cooling	W/W	5.56	-	-	6.00	-	-
SCOP		Heating	W/W	3.90	-	-	4.00	-	-
Annual Energy Consumption		Cooling	kWh/a	629	-	-	583	-	-
		Heating	kWh/a	3588	-	-	3499	-	-
Energy Efficiency Class		Cooling		A	-	-	A+	-	-
		Heating		A	-	-	A+	-	-
Sound Pressure Level (High)		Cooling	dB(A)	52	54	55	51	54	55
Sound Power Level (High)		Heating	dB(A)	69	70	72	69	69	71
Net Dimension H × W × D			mm	1290×900×330	1290×900×330	1290×900×330	1290×900×330	1290×900×330	1290×900×330
Weight			kg(lbs)	93(205)	93(205)	93(205)	104 (229)	104 (229)	104 (229)
Connection Pipe Diameter (Liquid / Gas)			mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Max Pipe Length (Pre-Charge)			m	75(30)	75(30)	75(30)	75(30)	75(30)	75(30)
Height Difference				30	30	30	30	30	30
Operation Range		Cooling	*CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
		Heating	*CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant		Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
		Charge	kg(CO2eq-T)	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-SX254A(Twin)/UTP-SX354A(Triple)	UTP-SX236A (Twin)	UTP-SX254A (Twin)	UTP-SX254A (Twin) / UTP-SX354A (Triple)

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

Dimensions

(Unit : mm)



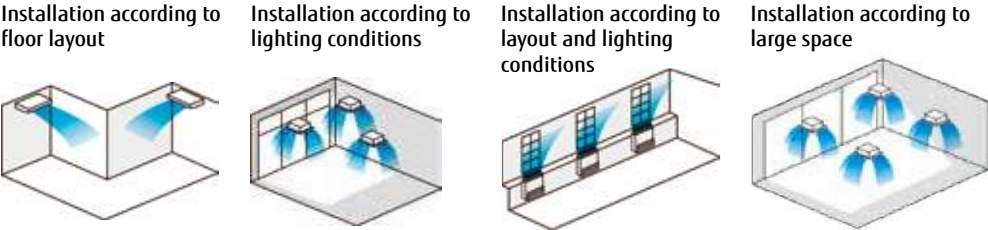
NEW Simultaneous Multi Twin/Triple/Double Twin



Features

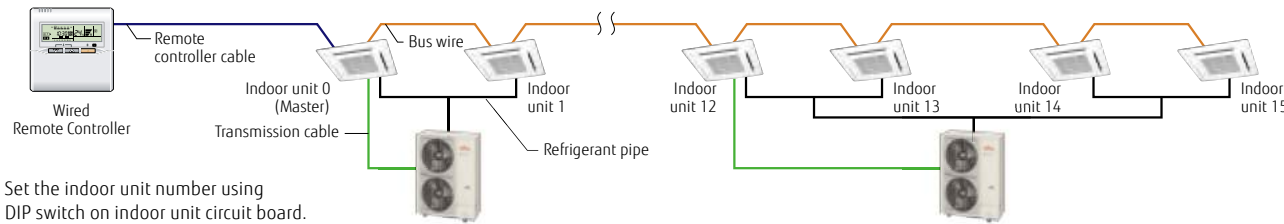
Can support various applications from large open plan offices to retail stores with up to 4 indoor units.

Indoor units distributed layout according to the shape and number of people and lighting conditions of the room even on wide floors. Ideal comfortable air flow distribution can be realized.



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.

Simultaneous Operation Multi type Indoor Unit Line up

Outdoor unit		AOYG72LRLA			AOYG90LRLA		
		8HP			10HP		
Indoor unit	Combination	Twin	Triple	Double Twin	Twin	Triple	Double Twin
	Cassette	AUYG36LRLA×2	AUYG24LVLA×3	AUYG18LVLB×4	AUYG30LRLA×2	AUYG22LVLA×3	AUYG22LVLA×4
	Duct	ARYG36LMLE×2	ARYG24LMLA×3	ARYG18LLTB×4	ARYG45LMLA×2	ARYG30LMLE×3	ARYG22LMLA×4
	Ceiling	ABYG36LRTE×2	ABYG24LVTA×3	ABYG18LVTB×4	ABYG45LRTA×2	ABYG30LRTE×3	ABYG22LVTA×4
Separation tube		UTP-SX272A×1	UTP-SX372A×1	UTP-SX272A×1 UTP-SX236A×2	UTP-SX272A×1	UTP-SX372A×1	UTP-SX272A×1 UTP-SX254A×2

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



Specifications

Model No.		Indoor unit		Compact Cassette, Cassette					
				AUYG18LVLB	AUYG22LVLA	AUYG24LVLA	AUYG30LRLE	AUYG36LRLE	AUYG45LRLA
Power Source				Single-phase, ~230V, 50Hz					
Airflow Rate (Cooling)		H/M/L/Q	m³/h	680/580/490/410	930/830/600/450	930/830/600/450	1600/1400/1270/1150	1800/1400/1270/1150	1900/1640/1460/1250
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		

Model No.		Indoor unit		Duct					
				ARYG18LLTB	ARYG22LMLA	ARYG24LMLA	ARYG30LMLE	ARYG36LMLE	ARYG45LMLA
Power Source				Single-phase, ~230V, 50Hz					
Airflow Rate (Cooling)		H/M/L/Q	m³/h	940/880/820/750	1100/910/750/580	1100/910/750/580	1900/1620/1270/980	1900/1620/1270/980	2100/1750/1350/1070
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)

Model No.		Indoor unit		Floor/Ceiling, Ceiling					
				ABYG18LVTB	ABYG22LVTA	ABYG24LVTA	ABYG30LRTE	ABYG36LRTE	ABYG45LRTA
Power Source				Single-phase, ~230V, 50Hz					
Airflow Rate (Cooling)		H/M/L/Q	m³/h	780/700/560/500	980/820/680/540	980/820/680/540	1660/1500/1200/1000	1900/1500/1200/1000	2100/1700/1400/1100
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)

Model No.		Outdoor unit		AOYG72LRLA		AOYG90LRLA	
				Cooling	kW	Cooling	kW
Capacity				19.0	22.0	22.0	27.0
Power Source				3-phase, ~400V, 50Hz			
Sound Pressure Level (High)		Cooling	dB(A)	55	55	55	55
Net Dimension H × W × D			mm	1428×1080×480	1428×1080×480	1428×1080×480	1428×1080×480
Weight			kg(lbs)	*	*	*	*
Connection Pipe Diameter (Liquid / Gas)			mm	12.7/25.4	12.7/25.4	12.7/25.4	12.7/25.4
Max Pipe Length (Pre-Charge)			m	100 (30)	100 (30)	100 (30)	100 (30)
Height Difference				30	30	30	30
Operation Range		Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46
		Heating	°CDB	-20 to 24	-20 to 24	-20 to 24	-20 to 24
Refrigerant		Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
		Charge	kg(CO2eq-T)	*	*	*	*

*: That specification is not fixed yet.

• Different type and capacity indoor units can not be connected.
• The above table is the value for connecting with cassette type.

Dimensions

(Unit : mm)

