

2-unit to 8-unit Multi-split Connectable Indoor Units



Type	2-unit				
Model name	ADYG4KBT2	ADYG18KBT2			
Multi-split Type Outdoor Unit					
Capacity (kW)	Cooling Heating	4.0 5.5	5.0 5.5		
Indoor Unit	BTU	kW	Class		
 ASYG 07/09/12/14 KGTB	7,000	2.0		●	●
	9,000	2.5		●	●
	12,000	3.5		●	●
	14,000	4.0	—	—	●
 ASYG 07/09/12/14 KETB	7,000	2.0		●	●
	9,000	2.5		●	●
	12,000	3.5		●	●
	14,000	4.0	—	—	●
 AUXG07/09/12/14KVL	7,000	2.0		●	●
	9,000	2.5		●	●
	12,000	3.5		●	●
	14,000	4.0	—	—	●
 ARXG07/09/12/14KSL	7,000	2.0		●	●
	9,000	2.5		●	●
	12,000	3.5		●	●
	14,000	4.0	—	—	●
 ARXG07/09/12/14KLL	7,000	2.0		●	●
	9,000	2.5		●	●
	12,000	3.5		●	●
	14,000	4.0	—	—	●



Type	2-unit		3-unit		4-unit	5-unit	6-unit	8-unit
Model name	ADYG4LAC2	ADYG18LAC2	ADYG18LAT3	ADYG24LAT3	ADYG36LAT4	ADYG36LAS	ADYG45LBM	ADYG45LBTB
Multi-split Type Outdoor Unit								
Capacity (kW)	Cooling Heating	4.0 5.6	5.6 6.8	6.8 8.0	8.0 9.6	10.0 12.0	12.5 13.5	14.0 16.0
Indoor Unit	BTU	kW	Class					
 ASYG07/09/12/14LME	7,000	2.0		●	●	●	●	●
	9,000	2.5		●	●	●	●	●
	12,000	3.5		●	●	●	●	●
 ASYG07/09/12/14LUE	14,000	4.0	—	—	●	●	●	●
 ASYG18/24LF	18,000	5.0	—	—	●	●	●	●
	24,000	7.0	—	—	—	—	●	●
 ASYG07/09/12/14KMC	7,000	2.0	—	—	●	●	—	—
	9,000	2.5	—	—	●	●	—	—
	12,000	3.5	—	—	●	●	—	—
	14,000	4.0	—	—	●	●	—	—
 ADYG09/12/14V	9,000	2.5	—	●	●	●	●	●
	12,000	3.5	—	●	●	●	●	●
	14,000	4.0	—	—	●	●	●	●
 ADYG07/09/12/14TBLV	7,000	2.0	—	●	●	●	●	●
	9,000	2.5	—	●	●	●	●	●
	12,000	3.5	—	●	●	●	●	●
	14,000	4.0	—	—	●	●	●	●
 ADYG09/12/14VCA	18,000	5.0	—	—	—	●	●	●
	7,000	2.0	—	●	●	●	●	—
	9,000	2.5	—	●	●	●	●	—
	12,000	3.5	—	●	●	●	●	—
	14,000	4.0	—	—	●	●	●	—
 ADYG07/09/12/14TBL	7,000	2.0	—	●	●	●	●	●
	9,000	2.5	—	●	●	●	●	●
	12,000	3.5	—	●	●	●	●	●
	14,000	4.0	—	—	●	●	●	●
	18,000	5.0	—	—	—	●	●	●

* When connecting 14 model to multi-split type outdoor unit for R410A refrigerant, Adaptor H is required for its piping.

MULTI-SPLIT

Simultaneous Multi-split Connectable Indoor Units



Type	4HP		5HP		6HP	
Model name	ADYG36BTD	ADYG36BTTA	ADYG48BTD	ADYG48BTTA	ADYG54BTD	ADYG54BTTA
Simultaneous Multi-split Outdoor Unit						
Capacity (kW)	Cooling 10.0		Cooling 12.1		Cooling 13.4	
	Heating 10.0		Heating 13.5		Heating 15.5	
Indoor Unit	BTU	kW Class	Fan		Triple	
 ADYG18/22/24KVL	18,000	5.0	● ×2	—	—	● ×3
	22,000	6.5	—	● ×2	—	—
	24,000	7.0	—	—	● ×2	—
 ADYG18KLLAP	18,000	5.0	● ×2	—	—	● ×3
	22,000	6.5	—	● ×2	—	—
 ADYG22/24KMLA	22,000	6.5	—	● ×2	—	—
	24,000	7.0	—	—	● ×2	—
Separation tube			UTP-SX236A (18/22/24)		UTP-SX254A (18)	



Type	4HP		5HP		6HP		8HP		10HP	
Model name	ADYG36LTD	ADYG36LTT	ADYG48LTD	ADYG48LTT	ADYG54LTD	ADYG54LTT	ADYG72LTD	ADYG72LTT	ADYG90LTD	ADYG90LTT
Simultaneous Multi-split Outdoor Unit										
Capacity (kW)	Cooling 10.0		Cooling 12.1		Cooling 12.5		Cooling 13.3		Cooling 14.0	
	Heating 11.2		Heating 14.0		Heating 16.0		Heating 15.0		Heating 16.0	
									Heating 22.4	
									Heating 27.0	
Indoor Unit	BTU	kW Class	Fan		Triple		Double Fan		Double Fan	
 ADYG18/22/24LV	18,000	5.0	● ×2	—	—	● ×3	—	—	● ×4	—
	22,000	6.5	—	● ×2	—	—	—	—	—	● ×4
	24,000	7.0	—	—	● ×2	—	—	● ×3	—	—
 ADYG30/36/45LR	30,000	8.8	—	—	—	—	—	—	—	● ×3
	36,000	10.6	—	—	—	—	● ×2	—	—	—
	45,000	12.5	—	—	—	—	—	—	● ×2	—
 ADYG18LTLTB	18,000	5.0	● ×2	—	—	● ×3	—	—	● ×4	—
	22,000	6.5	—	● ×2	—	—	—	—	—	● ×4
	24,000	7.0	—	—	● ×2	—	—	● ×3	—	—
 ADYG22/24/30/36/45LM	30,000	8.8	—	—	—	—	—	—	—	● ×3
	36,000	10.6	—	—	—	—	● ×2	—	—	—
	45,000	12.5	—	—	—	—	—	—	● ×2	—
 ADYG18/22/24LV	18,000	5.0	● ×2	—	—	● ×3	—	—	● ×4	—
	22,000	6.5	—	● ×2	—	—	—	—	—	● ×4
	24,000	7.0	—	—	● ×2	—	—	● ×3	—	—
 ADYG30/36/45LR	30,000	8.8	—	—	—	—	—	—	—	● ×3
	36,000	10.6	—	—	—	—	● ×2	—	—	—
	45,000	12.5	—	—	—	—	—	—	● ×2	—
Separation tube			UTP-SX236A +1		UTP-SX255A +1		UTP-SX25A +1	UTP-SX34A +1	UTP-SX27A +1	UTP-SX37A +1
							UTP-SX27A x1, UTP-SX236A x2	UTP-SX27A +1	UTP-SX37A +1	UTP-SX27A +1, UTP-SX254A x2

MULTI-SPLIT

2-unit Multi-split

REFRIGERANT
R32

ALL
DC



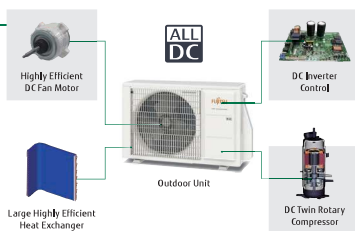
High energy saving

DC technology is used for compressor, indoor / outdoor fan motor and inverter controlling.

Rank
Cooling
A+++
Heating
A++

SEER 8.7¹⁾ SCOP 4.7

¹⁾ 14 model



Wide range of indoor units with various models

4 types / 16 models are lined up in the capacity range from 2.0 kW to 4.0 kW class. Wide range of requirements can be realized from in private homes, large shops and hotels.



Models equipped with the New R32 Refrigerant

Wall mounted type with sophisticated design



Middle and small capacity models are available. This makes it easier to install at small spaces.



2-unit: AOYG14KBT2 / AOYG18KBT2



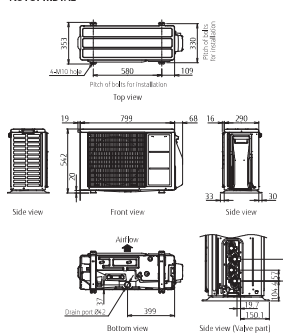
Specifications

Model No.			AOYG14KBT2		AOYG18KBT2	
Power Source			Single phase ~230V, 50Hz			
Rated Capacity (min-max)	Cooling	kW	4.0 (1.4-6.6)		5.0 (1.7-8.1)	
	Heating		4.4 (1.5-5.3)		5.6 (1.8-6.6)	
EER	Cooling	W/W	4.12		4.03	
	Heating		4.63		4.59	
Sound Pressure Level (High)	Cooling	dB(A)	47		47	
	Heating		49		50	
Sound Power Level (High)	Cooling	dB(A)	60		60	
	Heating		62		62	
Airflow Rate	Cooling/Heating	m ³ /h	1,670/1,670		1,960/2,020	
			562 (399-200)		612 (419-290)	
Net Dimensions H × W × D		mm	331 (73)		377 (82)	
		kg(lbs)	11 (24)		13 (28)	
Connection Pipe Diameter	Liquid	mm	6.35±2		6.35±2	
	Gas		9.52±2		9.52±2	
Max. Pipe Length	Total / Each	m	30 / 20		30 / 20	
			15		15	
Max. Height Difference	Between Outdoor Unit and Each Indoor Units	m	10		10	
	Between Indoor Units		10		10	
Operation Range	Cooling	°C(Db)	-10 to 46		-10 to 46	
	Heating		-15 to 24		-15 to 24	
Refrigerant	Type (Global Warming Potential)		R32 (0.75)		R32 (0.75)	
	Charge	kg(CO ₂ eq)	0.9 (0.608)		1.02 (0.689)	

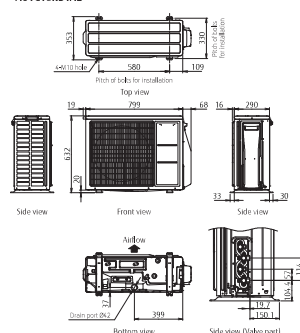
Dimensions

(Unit : mm)

AOYG14KBT2



AOYG18KBT2



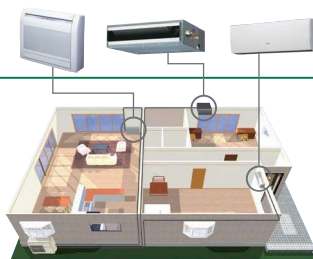
MULTI-SPLIT

2-unit,
3-unit,
4-unit
Multi-split



Wide range of indoor units with various models

4 types / 16 models are lined up in the capacity range from 2.0 kW to 4.0 kW class. Wide range of requirements can be realized from in private homes, large shops and hotels.



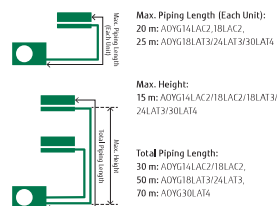
Space-saving installation

Multiple indoor units can be connected to 1 outdoor unit, and long piping connection is also possible. Compared with single type, the outdoor unit can be installed in various places to realize the space-saving installation.



Flexible installation

Up to max. piping length of 70 m (AOYG30LAT4), max. height difference of 15 m can be supported. Multi-split type can be installed in large-size residence or buildings with multiple floors.



2-unit: AOYG14LAC2 / AOYG18LAC2
3-unit: AOYG18LAT3 / AOYG24LAT3
4-unit: AOYG30LAT4



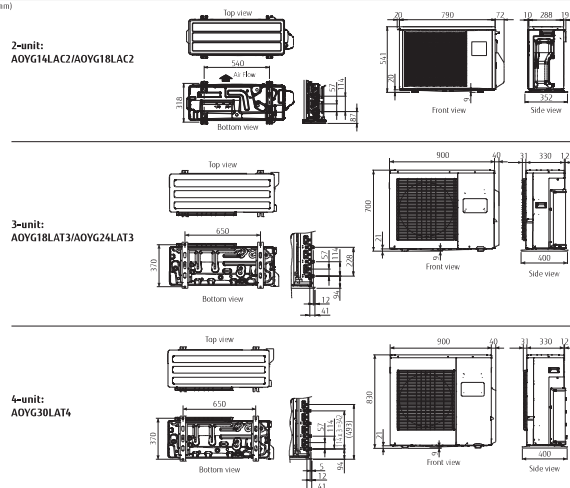
Specifications (2-unit, 3-unit, 4-unit)

Model No.			AOYG14LAC2	AOYG18LAC2	AOYG24LAT3	AOYG30LAT4
Power Source			Single phase ~230V, 50Hz			
Rated Capacity	Cooling	kW	4.0 (1.4~4.4)	5.0 (1.7~5.6)	5.6 (1.8~6.0)	6.8 (1.8~8.3)
	Heating		4.4 (1.5~5.4)	5.6 (1.8~6.1)	6.8 (2.0~8.0)	8.0 (2.3~10.1)
EEER	Cooling		3.67	3.71	4.00	3.51
	Heating		4.27	3.97	4.20	4.00
Sound Pressure Level	Cooling	dB(A)	47	50	48	50
	Heating		49	51	49	51
Sound Power Level	Cooling		61	63	65	68
	Heating		63	64	67	70
Airflow Rate	Cooling/Heating	m ³ /h	1,850/1,850	2,050/2,050	3,020/2,750	3,300/3,300
Net Dimensions H × W × D		mm	540 × 780 × 280	540 × 780 × 280	700 × 900 × 330	700 × 900 × 330
Weight		kg(lb)	37 (8.2)	38 (8.4)	55 (12.1)	68 (15.0)
Connection Pipe Diameter	Liquid	mm	6.35×2	6.35×2	6.35×1	6.35×4
	Gas		9.52 × 2	9.52 × 2 *(9.52, 12.70)	9.52 × 2, 12.70 *(9.52 × 3)	9.52 × 2, 12.70 × 2 *(9.52 × 3, 12.70) *(9.52 × 2, 12.70, 15.88)
Max. Pipe Length	Total / Each	m	30 / 20	30 / 20	50 / 25	70 / 25
Max. Height Difference	Between Outdoor Unit and Each Indoor Units	m	15	15	15	15
	Between Indoor Units		10	10	10	10
Operational Range	Cooling	°CDB	10 to 46	10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant Charge	Up to (Rated Warming Potential)	kg(g)	840A (2,088g)	840A (2,088g)	840A (2,088g)	840A (2,088g)
	1 kg(2.205lb)		1.25 (2,810)	1.30 (2,714)	2.20 (4,854)	3.30 (6,890)

* Connect to connection valve by the adaptor.

Dimensions

(Unit: mm)



MULTI-SPLIT

5-unit, 6-unit Multi-split



Wide range of indoor units with various models

4 types / 16 models are lined up in the capacity range from 2.0 kW to 4.0 kW class. Wide range of requirements can be realized from in private homes, large shops and hotels.



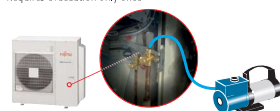
Compact design

Multiple indoor units can be connected to 1 outdoor unit, and long piping connection is also possible. Compared with single type, the outdoor unit can be installed in various places to realize the space-saving installation.



Easy installation

All connected pipes and indoor units can be evacuated quickly via our centralized valve method. Requires evacuation only once.



Central & Individual Control

- Batched control of up to 8 indoor units. The temperature, airflow volume, and remote control prohibition settings of all indoor units can be batched.
- Corresponds to 9 different languages (English, German, French, Spanish, Russian, Portuguese, Italian, Greek, and Turkish)
- Large backlight LED screen
- Large easy-to-see operation panel

Max. Controllable
1 multi system
Max. Controllable
8 indoor units



5-unit: AOYG36LBLA5
6-unit: AOYG45LBLA6



Specifications (5-unit, 6-unit)

Model No.	AOYG36LBLA5		AOYG45LBLA6	
Power Source	Single phase, ~230V, 50Hz			
Rated Capacity (min-max)	Cooling	kW	10.0 (3.5-12.5)	12.5 (3.5-14.0)
	Heating		12.0 (3.5-14.0)	13.5 (3.5-16.0)
LEER	Cooling		4.10	3.50
CEP	Heating	W/W	4.30	4.00
Sound Pressure Level (High)	Cooling		53	53
	Heating	dB(A)	55	55
Sound Power Level (High)	Cooling		67	-
	Heating		68	-
Airflow Rate	Cooling/Heating	m ³ /h	4,200/4,200	4,200/4,200
Net Dimensions: H × W × D		mm	970 × 770 × 170	970 × 770 × 170
Weight		kg(lbs)	34 (207)	34 (207)
Connection Pipe Diameter	Liquid		6.35-5	6.35-6
Max. Pipe Length	Gas	mm	9.52 × 3, 12.70 × 2	9.52 × 4, 12.70 × 2
	Total / Each		80 / 25	80 / 25
Max. Height Difference	Between Outdoor Unit and Each Indoor Units	m	15	15
	Between Indoor Units		10	10
Operation Range	Cooling	°CDB	-10 to 48	-10 to 56
	Heating		-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)
	Charge	kg(G.Oasep-1)	4.00 (8.82)	4.00 (8.82)

Dimensions

(Unit : mm)

