



## Light Commercial & Residential MULTI-SPLIT

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### Refrigerant type R410A models

- 2-unit to 8-unit Multi-split**
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- S-104 5-unit, 6-unit Multi-split
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- 
- S-116 2-unit to 8-unit Multi-split Indoor Units Specifications
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- S-119 2-unit to 8-unit Multi-split Combination Table



Control several indoor units with one outdoor unit. Build the system you desire.

If you want to keep a large floor as well as many rooms comfortable, we recommend to use our Multi-split to build a compact system using just one outdoor unit. Choose from a large lineup of indoor units, which match up well to your rooms. You can mix and match them as you like. Build the system that is just right for you.

# Multi-split Overview

Space-saving Multi-split outdoor units can connect up to 8 indoor units in multiple rooms. New refrigerant R32 models are additionally added. Multi-split type can be introduced in various situations like in homes, in offices and stores to provide environment-friendly comfort.



## 3-unit, 4-unit, 5-unit Multi-split

### 3-unit, 4-unit Multi-split



3-unit  
18/24 class

4-unit 30 class

### 5-unit Multi-split



36/45 class



## 2-unit Multi-split



14 class

18 class

## 2-unit to 8-unit Multi-split

2-unit to 8-unit Multi-split types are recommended for situations that require air conditioning in multiple rooms such as in family house or offices. Between 2 to 8 indoor units can be connected and individually operated. A variation of individual and central remote controller are available for operation control, time scheduling of each room and energy savings. Due to space-saving outdoor unit enables installation on balcony or under a waist-high window.

## 8-unit Multi-split



45 class

## Twin/Triple



Twin 36 class  
(Single phase/3 phase)

Twin/Triple 45/54 class  
(Single phase/3 phase)



## Twin/Triple



36/45/54 class  
(Single phase/3 phase)

## Twin/Triple/ Double Twin






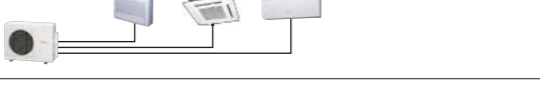



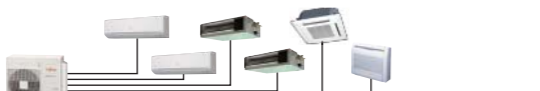

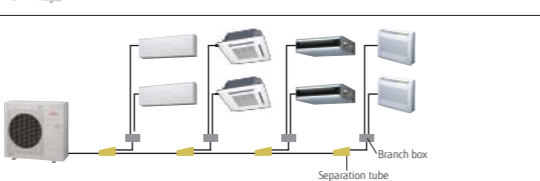

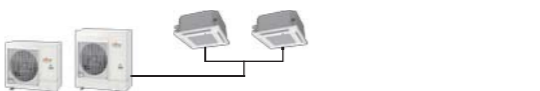

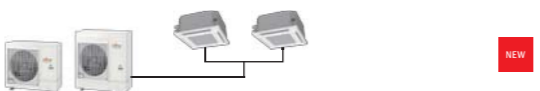

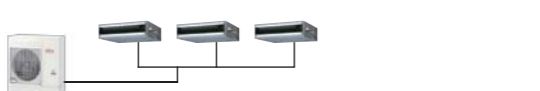

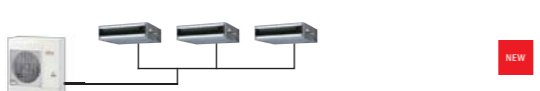








72/90 class  
(3 phase)

## Simultaneous Multi-split

Simultaneous Multi-split type is recommended for situations where multiple indoor units need to be operated simultaneously such as for a small building, for small office building entrance, meeting room, educational facility hall, and other large spaces. Up to 4 indoor units can be operated simultaneously. This type is suitable for office spaces with large areas and properties with unusual floor layout.

# Outdoor Units Lineup

		Class	14	18	18	24	30	36	45		54	72	90
		Cooling rated capacity(kW)	4.0	5.0	5.4	6.8	8.0	10.0	12.5	14.0	14.0	19.0	22.0
2-unit, 3-unit, 4-unit Multi-split	2-unit Multi-split Up to 2 units	 	AOYG14KBTA2	AOYG18KBTA2									
		 	AOYG14LAC2**	AOYG18LAC2**									
	3-unit Multi-split Up to 3 units	 			AOYG18LAT3*	AOYG24LAT3*							
	4-unit Multi-split Up to 4 units							AOYG30LAT4*					
5-unit, 6-unit Multi-split	5-unit Multi-split Up to 5 units	 						AOYG36BLA5*					
	6-unit Multi-split Up to 6 units								AOYG45BLA6*				
8-unit Multi-split Up to 8 units		 									AOYG45LBT8*		
Simultaneous Multi-split	Twin Single phase	 						AOYG36KBTB	AOYG45KBTB				
	Twin 3 phase	 						AOYG36KRTA	AOYG45KRTA				
	Twin/Triple Single phase	 									AOYG54KBTB		
	Twin/Triple 3 phase	 									AOYG54KRTA		
	Twin/Triple Single phase	 						AOYG36LBTB	AOYG45LBTB*1			AOYG54LBTB*2	
	Twin/Triple 3 phase	 						AOYG36LATT	AOYG45LATT			AOYG54LATT	
	Twin/Triple/ Double Twin 3 phase	 											AOYG72LRLA

Cooling rated capacity: \*1:12.1kW \*2:13.3kW

Note: **1. 2-unit Multi-split:** Connectable indoor units are 2 units.  
 AOYG14KBTA2: Total capacity of indoor units connected must be between 4.0 kW and 6.0 kW.  
 AOYG18KBTA2: Total capacity of indoor units connected must be between 4.0 kW and 7.5 kW.  
 AOYG14LAC2: Total capacity of indoor units connected must be between 4.0 kW and 6.0 kW.  
 AOYG18LAC2: Total capacity of indoor units connected must be between 4.0 kW and 7.0 kW.

**2. 3-unit Multi-split:** Connectable indoor units are 2 to 3 units.  
 AOYG18LAT3: Total capacity of indoor units connected must be between 4.0 kW and 8.5 kW.  
 AOYG24LAT3: Total capacity of indoor units connected must be between 4.0 kW and 10.5 kW.  
**3. 4-unit Multi-split:** Connectable indoor units are 3 to 4 units.  
 AOYG30LAT4: Total capacity of indoor units connected must be between 7.5 kW and 14.0 kW.

**4. 5-unit Multi-split:** Connectable indoor units are 2 to 5 units.  
 AOYG36BLA5: Total capacity of indoor units connected must be between 7.5 kW and 15.5 kW.  
**5. 6-unit Multi-split:** Connectable indoor units are 2 to 6 units.  
 AOYG45BLA6: Total capacity of indoor units connected must be between 9.5 kW and 18.0 kW.  
**6. 8-unit Multi-split:** Connectable indoor units are 2 to 8 units.  
 AOYG45LBT8: Total capacity of indoor units connected must be between 11.0 kW and 18.0 kW.



FUJITSU GENERAL (Euro) GmbH participates in the ECP programme for AIR CONDITIONERS. Check ongoing validity of certificate: www.eurovent-certification.com  
 \* Models so marked are not ECC certified.  
 \*\* Only combinations with indoor units of the same mounting type and within a capacity ratio of 1:0.05 (IDU/ODU) are ECC certified.

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



Type	2-unit	
Model name	AOYG14KBTA2	AOYG18KBTA2
Multi-split Type Outdoor Unit		
Capacity (kW)	Cooling	4.0
	Heating	4.4

Indoor Unit	BTU	kW Class	AOYG14KBTA2	AOYG18KBTA2
 ASYG 07/09/12/14 KGTB  ASYG 07/09/12/14 KETA  ASYG 07/09/12/14 KMCC  ASYG 07/09/12/14 KETA-B	7,000	2.0	●	●
	9,000	2.5	●	●
	12,000	3.5	●	●
	14,000	4.0	—	●
 AUXG07/09/12/14KVL A	7,000	2.0	●	●
	9,000	2.5	●	●
	12,000	3.5	●	●
	14,000	4.0	—	●
 ARXG07/09/12/14KSLAP	7,000	2.0	●	●
	9,000	2.5	●	●
	12,000	3.5	●	●
	14,000	4.0	—	●
 ARXG07/09/12/14KLLAP	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	AOYG14LAC2	AOYG18LAC2	AOYG18LAT3	AOYG24LAT3	AOYG30LAT4	AOYG36LBA5	AOYG45LBA6	AOYG45LBT8
Multi-split Type Outdoor Unit								
Capacity (kW)	Cooling	4.0	5.0	5.4	6.8	8.0	10.0	12.5
	Heating	4.4	5.6	6.8	8.0	9.6	12.0	13.5

Indoor Unit	BTU	kW Class	AOYG14LAC2	AOYG18LAC2	AOYG18LAT3	AOYG24LAT3	AOYG30LAT4	AOYG36LBA5	AOYG45LBA6	AOYG45LBT8
 ASYG07/09/12/14LMCE	7,000	2.0	●	●	●	●	●	●	●	●
	9,000	2.5	●	●	●	●	●	●	●	●
	12,000	3.5	●	●	●	●	●	●	●	●
 ASYG07/09/12/14LUCA	14,000	4.0	—	●	●	●	●	●	●	●
	18,000	5.0	—	—	—	●	●	●	●	●
 ASYG18/24LF	24,000	7.0	—	—	—	—	●	—	●	●
	7,000	2.0	—	—	●	●	●	●	—	—
 ASYG07/09/12/14KMCC*	9,000	2.5	—	—	●	●	●	●	—	—
	12,000	3.5	—	—	●	●	●	●	—	—
	14,000	4.0	—	—	●	●	●	●	—	—
 AGYG09/12/14LV	9,000	2.5	—	●	●	●	●	●	●	●
	12,000	3.5	—	●	●	●	●	●	●	●
	14,000	4.0	—	—	●	●	●	●	●	●
 AUYG07/09/12/14/18LV	7,000	2.0	—	●	●	●	●	●	●	●
	9,000	2.5	—	●	●	●	●	●	●	●
	12,000	3.5	—	●	●	●	●	●	●	●
 AGYG09/12/14LVCA	14,000	4.0	—	—	●	●	●	●	●	●
	18,000	5.0	—	—	—	●	●	●	●	●
	7,000	2.0	—	●	●	●	●	●	●	—
 ARYG07/09/12/14/18LSLAP	9,000	2.5	—	●	●	●	●	●	●	—
	12,000	3.5	—	●	●	●	●	●	●	—
	14,000	4.0	—	—	●	●	●	●	●	—
 ARYG07/09/12/14/18LL	18,000	5.0	—	—	—	●	●	●	●	—
	7,000	2.0	—	●	●	●	●	●	●	●
	9,000	2.5	—	●	●	●	●	●	●	●
 ARYG07/09/12/14/18LL	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, Adapter H is required for its piping.

# Simultaneous Multi-split Connectable Indoor Units



Type	4HP		5HP		6HP	
Model name	AOYG36KBTB	AOYG36KRTA	AOYG45KBTB	AOYG45KRTA	AOYG54KBTB	AOYG54KRTA
Simultaneous Multi-split Outdoor Unit						
	Capacity (kW)	Cooling: 9.5 Heating: 10.8	12.1 13.5	13.4 15.5	13.4 15.5	

Indoor Unit	BTU	kW Class	Twin			Triple
			● ×2	● ×2	● ×2	● ×3
 AUXG18/22/24KVLA	18,000	5.0	● ×2	-	-	● ×3
	22,000	6.5	-	● ×2	-	-
	24,000	7.0	-	-	● ×2	-
 ARXG18KLLAP	18,000	5.0	● ×2	-	-	● ×3
	22,000	6.5	-	● ×2	-	-
	24,000	7.0	-	-	● ×2	-
 ARXG22/24KMLA	22,000	6.5	-	● ×2	-	-
	24,000	7.0	-	-	● ×2	-
	Separation tube			UTP-SX236A (18/22/24)		UTP-SX354A (18)



Type	4HP		5HP		6HP		8HP	10HP
Model name	AOYG36LBTB	AOYG36LATT	AOYG45LBTB	AOYG45LATT	AOYG54LBTB	AOYG54LATT	AOYG72LRLA	AOYG90LRLA
Simultaneous Multi-split Outdoor Unit								
	Capacity (kW)	Cooling: 10.0 Heating: 11.2	12.1 14.0	12.5 14.0	13.3 15.0	14.0 16.0	19.0 22.4	22.0 27.0

Indoor Unit	BTU	kW Class	Twin			Triple	Twin	Triple	Double Twin	Twin	Triple	Double Twin	
			● ×2	● ×2	● ×2	● ×3	● ×2	● ×3	● ×4	● ×2	● ×3	● ×4	
 AUYG18/22/24LV	18,000	5.0	● ×2	-	-	● ×3	-	-	● ×4	-	-	-	
	22,000	6.5	-	● ×2	-	-	-	-	-	-	-	● ×4	
	24,000	7.0	-	-	● ×2	-	● ×3	-	-	-	-	-	
 AUYG30/36/45LR	30,000	8.8	-	-	-	-	-	-	-	-	● ×3	-	
	36,000	10.6	-	-	-	-	● ×2	-	-	-	-	-	
	45,000	12.5	-	-	-	-	-	-	● ×2	-	-	-	
 ARYG18LLTB	18,000	5.0	● ×2	-	-	● ×3	-	-	● ×4	-	-	-	
	22,000	6.5	-	● ×2	-	-	-	-	-	-	-	● ×4	
	24,000	7.0	-	-	● ×2	-	● ×3	-	-	-	-	-	
 ARYG22/24/30/36/45LM	30,000	8.8	-	-	-	-	-	-	-	-	● ×3	-	
	36,000	10.6	-	-	-	-	● ×2	-	-	-	-	-	
	45,000	12.5	-	-	-	-	-	-	● ×2	-	-	-	
	Separation tube			UTP-SX236A ×1		UTP-SX254A ×1		UTP-SX254 ×1	UTP-SX354A ×1	UTP-SX272A ×1	UTP-SX372A ×1	UTP-SX272A ×1, UTP-SX236A ×2	UTP-SX272A ×1, UTP-SX372A ×1
 ABYG18/22/24LV	18,000	5.0	● ×2	-	-	● ×3	-	-	● ×4	-	-	-	
	22,000	6.5	-	● ×2	-	-	-	-	-	-	-	● ×4	
	24,000	7.0	-	-	● ×2	-	● ×3	-	-	-	-	-	
 ABYG30/36/45LR	30,000	8.8	-	-	-	-	-	-	-	-	● ×3	-	
	36,000	10.6	-	-	-	-	● ×2	-	-	-	-	-	
	45,000	12.5	-	-	-	-	-	-	● ×2	-	-	-	

# 2-unit Multi-split



2-unit: AOYG14KBTA2 / AOYG18KBTA2



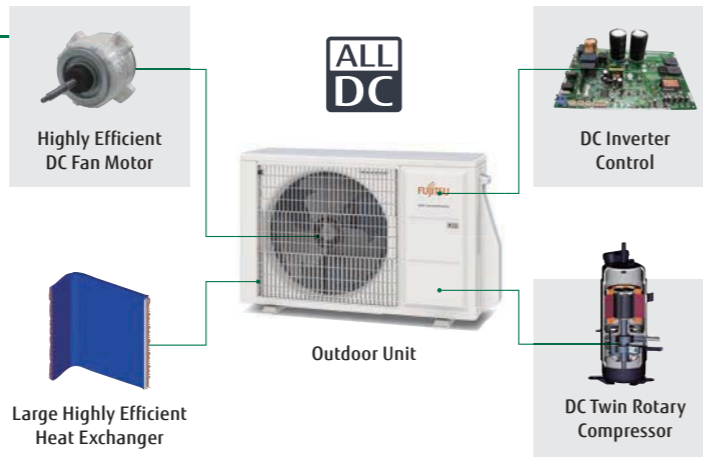
### Specifications

Model No.		AOYG14KBTA2		AOYG18KBTA2	
Power Source		Single phase, ~230V, 50Hz			
Rated Capacity (min-max)	Cooling	4.0 (1.4-4.6)		5.0 (1.7-5.8)	
	Heating	4.4 (1.1-5.5)		5.6 (1.8-6.6)	
EER	Cooling	4.12		4.03	
COP	Heating	4.63		4.59	
	Cooling	4.7		4.7	
Sound Pressure Level (High)	Heating	49		50	
	Cooling	60		60	
Sound Power Level (High)	Heating	62		62	
	Cooling/Heating	1,670/1,670		1,960/2,020	
Net Dimensions H × W × D		mm		mm	
Weight		kg (lbs)		kg (lbs)	
Connection Pipe Diameter	Liquid	6.35×2		6.35×2	
	Gas	9.52 × 2		9.52 × 2	
Max. Pipe Length	Total / Each	30 / 20		30 / 20	
	Between Outdoor Unit and Each Indoor Units.	15		15	
Max. Height Difference	Between Indoor Units.	10		10	
	Cooling	-10 to 46		-10 to 46	
Operation Range	Heating	-15 to 24		-15 to 24	
	Type (Global Warming Potential)	R32 (675)		R32 (675)	
Refrigerant	Charge	kg(CO2eq-T)		kg(CO2eq-T)	
		0.9 (0.608)		1.02 (0.689)	

### High energy saving

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

Rank Cooling A+++ Heating A++  
 SEER 8.7\*1 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



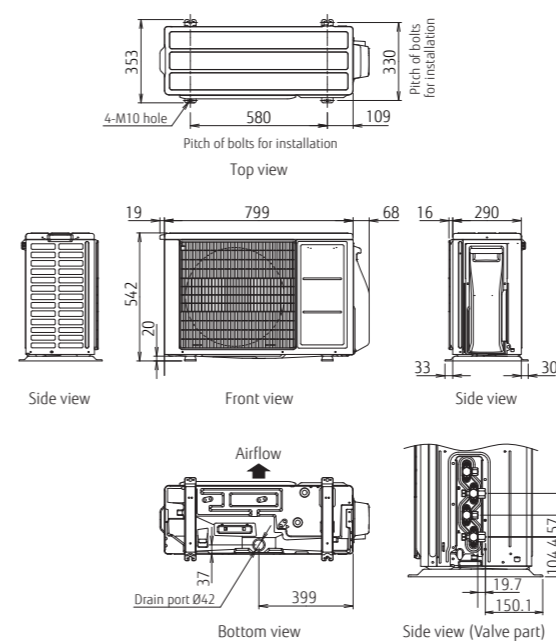
Middle and small capacity models are available. This makes it easier to install at small spaces.



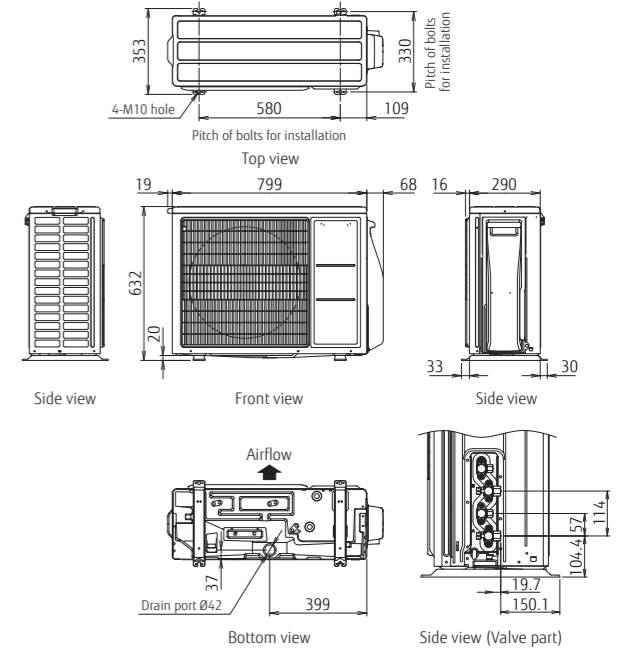
### Dimensions

(Unit : mm)

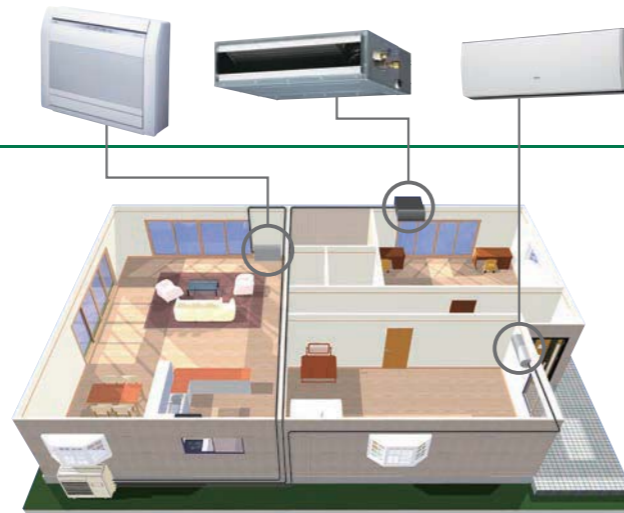
#### AOYG14KBTA2



#### AOYG18KBTA2



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

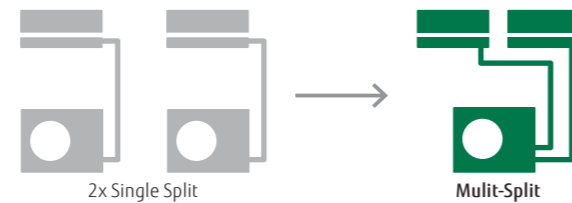


### Wide range of indoor units with various models

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.

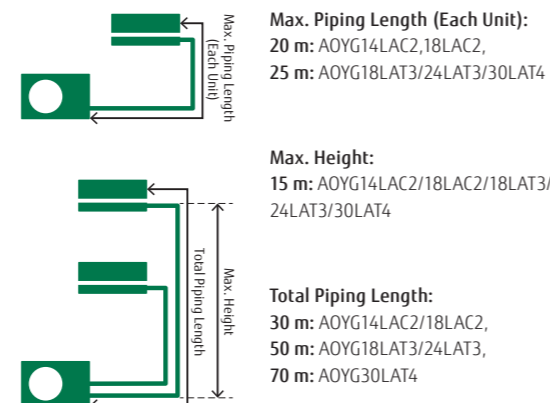
### Space-saving installation

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)

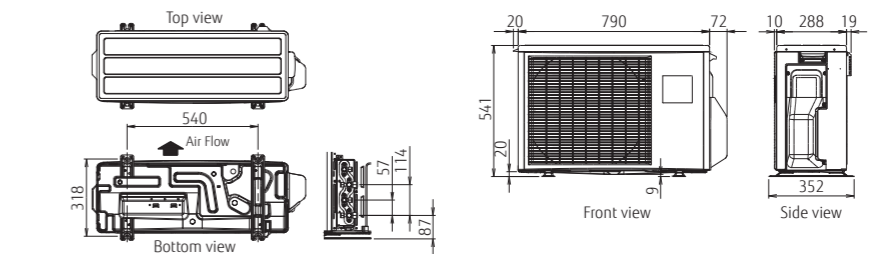
Model No.			AOYG14LAC2	AOYG18LAC2	AOYG18LAT3	AOYG24LAT3	AOYG30LAT4
Power Source			Single phase, ~230V, 50Hz				
Rated Capacity (min-max)	Cooling	kW	4.0 (1.4-4.4)	5.0 (1.7-5.6)	5.4 (1.8-6.8)	6.8 (1.8-8.5)	8.0 (3.5-10.1)
	Heating		4.4 (1.1-5.4)	5.6 (1.8-6.1)	6.8 (2.0-8.0)	8.0 (2.0-9.2)	9.6 (3.7-12.0)
EER	Cooling		3.67	3.21	4.00	3.51	3.60
COP	Cooling	W/W	4.27	3.97	4.20	4.00	4.00
	Heating		4.27	3.97	4.20	4.00	4.00
Sound Pressure Level (High)	Cooling	dB(A)	47	50	48	48	50
	Heating		49	51	49	49	51
Sound Power Level (High)	Cooling	dB(A)	61	63	65	68	68
	Heating		63	64	67	70	70
Airflow Rate	Cooling/Heating	m <sup>3</sup> /h	1,850/1,850	2,050/2,050	3,050/2,750	3,300/3,300	3,500/3,300
Net Dimensions H × W × D			540×790×290	540×790×290	700×900×330	700×900×330	830×900×330
Weight			37 (82)	38 (84)	55 (121)	55 (121)	68 (150)
Connection Pipe Diameter	Liquid	mm	6.35×2	6.35×2	6.35×3	6.35×3	6.35×4 (*6.35×3, 9.52)
	Gas		9.52 × 2	9.52 × 2 *(9.52, 12.70)	9.52 × 2, 12.70 *(9.52 × 3)	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	50 / 25	70 / 25
Max. Height Difference	Between Outdoor Unit and Each Indoor Units.	m	15	15	15	15	15
	Between Indoor Units.		10	10	10	10	10
Operation Range	Cooling	°CDB	10 to 46	10 to 46	-10 to 46	-10 to 46	0 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-10 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	1.25 (2.610)	1.30 (2.714)	2.20 (4.594)	2.20 (4.594)	3.30 (6.890)

\* Connect to connection valve by the adapter.

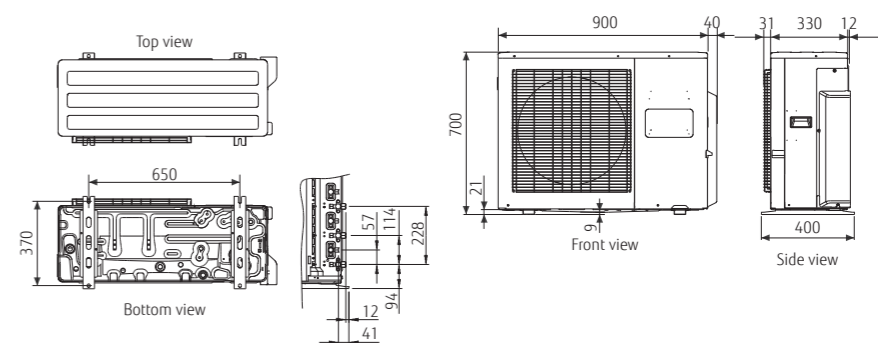
### Dimensions

(Unit : mm)

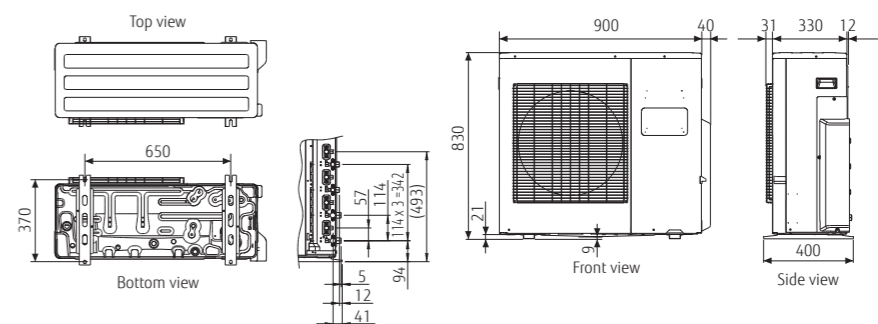
2-unit:  
AOYG14LAC2/AOYG18LAC2



3-unit:  
AOYG18LAT3/AOYG24LAT3



4-unit:  
AOYG30LAT4



5-unit, 6-unit Multi-split



5-unit: AOYG36LBLA5  
6-unit: AOYG45LBLA6

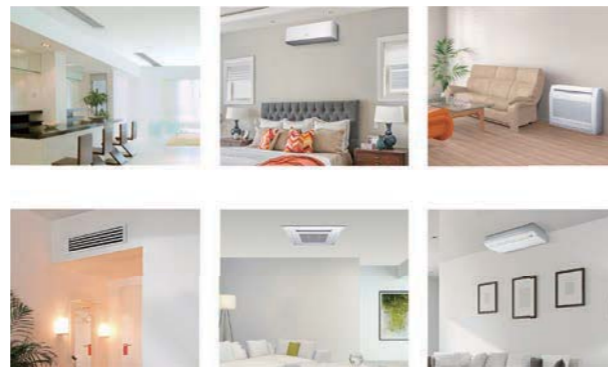


Specifications (5-unit, 6-unit)

Model No.		AOYG36LBLA5		AOYG45LBLA6	
Power Source		Single phase, ~230V, 50Hz			
Rated Capacity (min-max)	Cooling	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)	
EER	Cooling	4.10		3.50	
	Heating	4.30		4.00	
Sound Pressure Level (High)	Cooling	53		53	
	Heating	55		55	
Sound Power Level (High)	Cooling	67		-	
	Heating	68		-	
Airflow Rate	Cooling/Heating	m <sup>3</sup> /h 4,200/4,200		4,200/4,200	
Net Dimensions H × W × D		mm 998×970×370		998×970×370	
Weight		kg(lbs) 94 (207)		94 (207)	
Connection Pipe Diameter	Liquid	mm 6.35×5		6.35×6	
	Gas	9.52 × 3, 12.70 × 2		9.52 × 4, 12.70 × 2	
Max. Pipe Length	Total / Each	80 / 25		80 / 25	
	Max. Height Difference	Between Outdoor Unit and Each Indoor Units.	m 15		15
Operation Range	Between Indoor Units.	10		10	
	Cooling	°CDB -10 to 46		-10 to 46	
Refrigerant	Heating	°CDB -15 to 24		-15 to 24	
	Type (Global Warming Potential)	R410A (2,088)		R410A (2,088)	
Charge		kg(CO <sub>2</sub> eq-T) 4.00 (8.352)		4.00 (8.352)	

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.



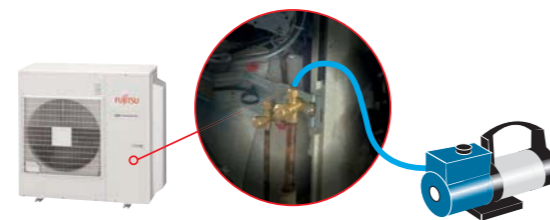
Compact design

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

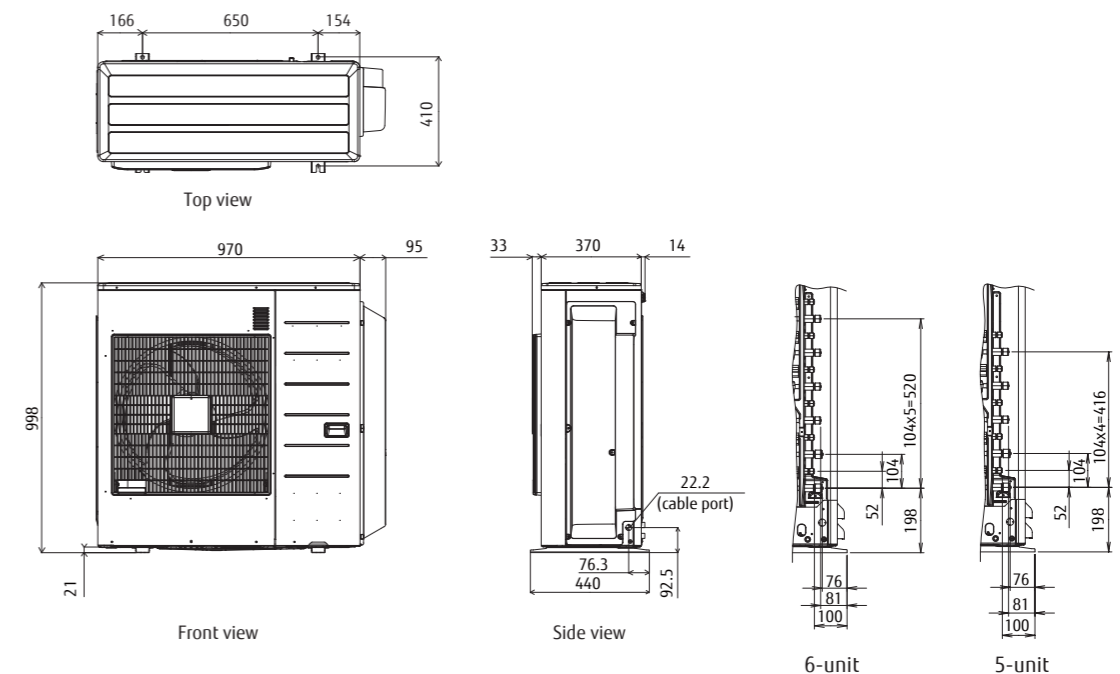
- Batched control of up to 8 indoor units. The temperature, airflow volume, and remote control prohibition settings of all indoor units can be batched.
- Corresponds to 9 different languages (English, German, French, Spanish, Russian, Portuguese, Italian, Greek, and Turkish)
- Large backlight LED screen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

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



Dimensions

(Unit : mm)





# 8-unit Multi-split

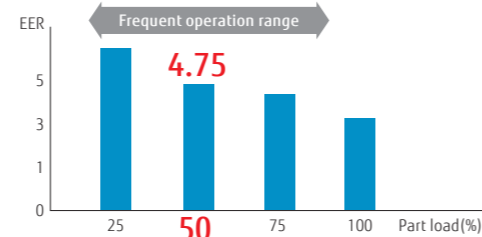


## Compact outdoor unit

The compact design outdoor unit allows to be installed below a window and in a narrow space.

## High seasonal efficiency

The actual performance is conducted under various outside temperatures depending on weather and seasons, furthermore, especially for multi system, not all the rooms are operated all the time. So over 90% of actual operation time, air conditioners are operated at partial capacity instead of rated capacity. Considering these, we focused on energy-saving performance which is based on actual use. Efficiency of part load performance was drastically improved by developing ALL DC and our own inverter system.



## Innovated technology

**High efficiency large fan:**  
High efficiency fan is mounted.

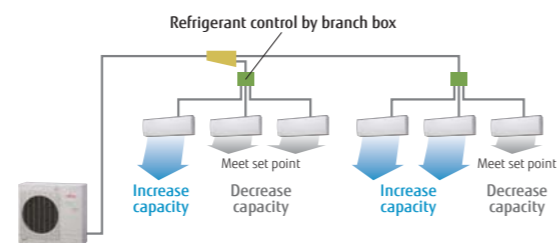
**DC fan motor:**  
High performance and high efficiency has been realized by using a small DC fan motor.

**Heat exchanger:**  
Reduced compact size and energy saving has been realized by utilizing high density piping design and 3-Row heat exchanger.

**High efficiency DC twin rotary compressor:**  
A high performance, low noise, large capacity DC twin rotary compressor is used.

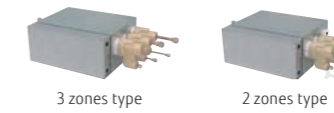
## Quick comfort by optimized refrigerant control

Every room meets the set point most quickly and comfortably by optimized refrigerant control.



## 8-unit: AOYG45LBT8

Branch Box: UTP-PY03A / UTP-PY02A



## Specifications (Outdoor unit/Branch box)

Outdoor Unit Model Name			AOYG45LBT8
Maximum Connectable Indoor Unit			8
Indoor Unit Connectable Capacity			Cooling kW 11.2 - 18.2
Power source			Single phase, ~230V, 50Hz
Rated Capacity	Cooling	kW	14.0
	Heating	kW	16.0
Input Power	Cooling	kW	5.20
	Heating	kW	5.07
Airflow rate	Cooling	m <sup>3</sup> /h	4,650
	Heating	m <sup>3</sup> /h	4,800
Sound Pressure Level	Cooling	dB(A)	56
	Heating	dB(A)	58
Heat Exchanger Fin			Plate fin coil
Net Dimensions H × W × D		mm	914×970×370
Weight		kg(lbs)	98 (216)
Connection Pipe Diameter (Liquid / Gas)		mm	9.52/15.88
Max Pipe Length		m	115 (Total)
Max Height Difference (O.U ~ I.U)		m	30
Operating Range	Cooling	°CDB	-5 to 46
	Heating	°CDB	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)
	Charge	kg(CO <sub>2</sub> e <sub>q</sub> -T)	3.45 (7.204)

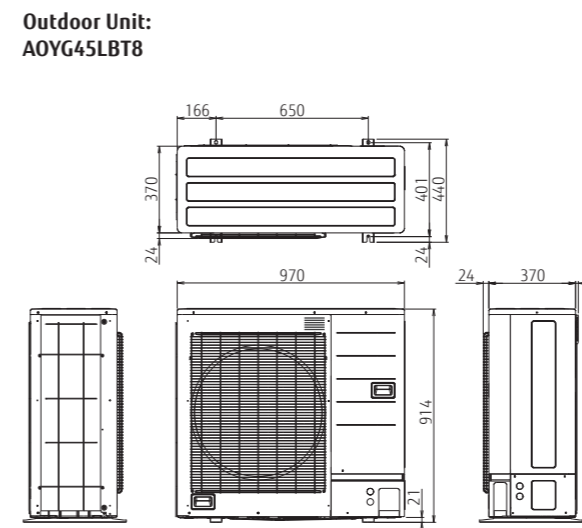
Branch Box Model Name		UTP-PY03A	UTP-PY02A
Connectable Indoor Unit		1 to 3 Units	1 to 2 Units
Power source		Single phase, ~230V, 50Hz	Single phase, ~230V, 50Hz
Available Voltage Range		198-264V	198-264V
Power Consumption		W 10	10
Running Current		A 0.05	0.05
Net Dimensions H × W × D		mm 195×433×370	mm 195×433×370
Weight		kg(lbs) 9 (20)	kg(lbs) 9 (20)
Connection pipe diameter	Liquid	Main: 9.52×1, Branch: 6.35×3	Main: 9.52×1, Branch: 6.35×2
	Gas	Main: 15.88×1, Branch: 12.70×3	Main: 15.88×1, Branch: 12.70×2
	Method	Flare	Flare

Note: Specifications are based on the following conditions.

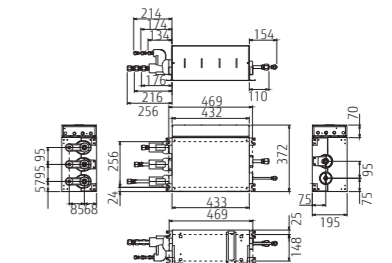
- In case of connecting two indoor units(7 kW class).
- These are the measured values in the manufacturer's anechoic chamber.
- Cooling: Indoor temp. of 27°CDB/19°CWB, outdoor temp. of 35°CDB/24°CWB Heating: Indoor temp. of 20°CDB/15°CWB, outdoor temp. of 7°CDB/6°CWB Pipe length: 5 m (Outdoor unit - Branch box), 3 m (Branch box - Indoor unit) Height difference : 0 m

## Dimensions

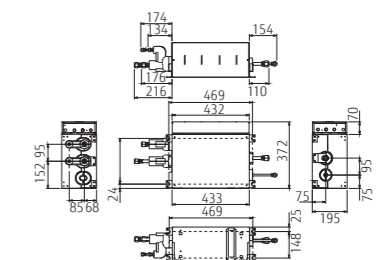
(Unit : mm)



## Branch Box : UTP-PY03A (3 zones type)



## Branch Box : UTP-PY02A (2 zones type)



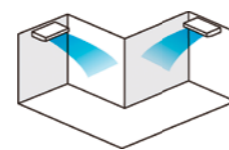
# Simultaneous Multi-split Twin/Triple



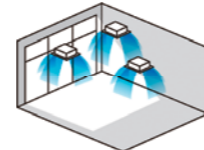
Supports various installation scenes from office to commercial space, inside the same room and multi connection of up to 3 indoor units.

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



## Design flexibility

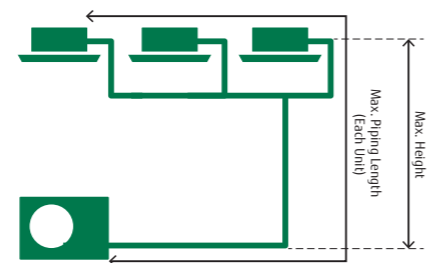
### Slim & Compact design

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



## Flexible installation

Up to max. piping length of 50 m, max. height difference of 30 m can be supported. Multi-split 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.



Model: AOYG36KBTB / AOYG45KBTB / AOYG54KBTB  
AOYG36KRTA [3 phase] / AOYG45KRTA [3 phase] / AOYG54KRTA [3 phase]



## Specifications (Indoor units/Outdoor units)

Indoor Units Model No.	Compact Cassette		
	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA
Power Source	Single phase, ~230V, 50Hz		
Airflow Rate	Cooling H/M/L/Q 800/680/580/450	830/740/600/450	930/830/600/450
Net Dimension H × W × D	245x570x570		
Weight	16 (35)		
Cassette Grille	UTG-UFYF-W		

Indoor Units Model No.	Duct		
	ARXG18KLLAP	ARXG22KMLA	ARXG24KMLA
Power Source	Single phase, ~230V, 50Hz		
Airflow Rate	Cooling H/M/L/Q 940/880/820/750	1,100/910/750/580	1,100/910/750/580
Net Dimension H × W × D	198x900x620		
Weight	20 (44)		

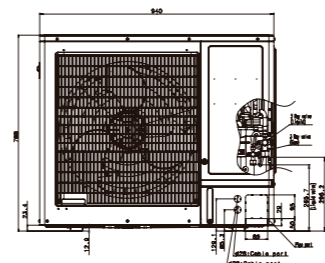
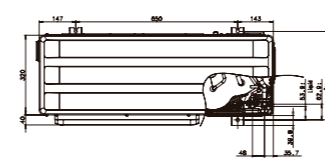
Outdoor Units Model No.	AOYG36KBTB			AOYG45KBTB			AOYG54KBTB		
	AOYG36KRTA	AOYG45KRTA	AOYG54KRTA						
Capacity	Cooling 9.5	12.1	13.4	9.5	12.1	13.4	9.5	12.1	13.4
	Heating 10.8	13.5	15.5	10.8	13.5	15.5	10.8	13.5	15.5
Power Source	Single phase, ~230V, 50Hz						3 phase, ~400V, 50Hz		
Pdesign	Cooling 9.5	-	-	9.5	-	-	9.5	-	-
	Heating (-10°C) 8.7	-	-	8.7	-	-	8.7	-	-
SEER	Cooling 6.10	-	-	6.10	-	-	6.10	-	-
SCOP	Heating 4.00	-	-	4.00	-	-	4.00	-	-
Annual Energy Consumption	Cooling 545	-	-	545	-	-	545	-	-
	Heating 3,044	-	-	3,044	-	-	3,044	-	-
Energy Efficiency Class	Cooling A++	-	-	A++	-	-	A++	-	-
	Heating A+	-	-	A+	-	-	A+	-	-
Sound Pressure Level (High)	Cooling 55	57	57	55	57	57	55	57	57
	Heating 55	57	59	55	57	59	55	57	59
Sound Power Level (High)	Cooling 70	71	73	70	71	73	70	71	73
	Heating 70	71	73	70	71	73	70	71	73
Airflow Rate	Cooling / Heating 3,750/3,750	4,450/4,450	4,450/4,450	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 Dimension H × W × D	788x940x320			998x940x320			998x940x320		
Weight	52 (115)			67 (148)			67 (148)		
Connection Pipe Diameter (Liquid / Gas)	9.52/15.88			9.52/15.88			9.52/15.88		
Max Pipe Length (Pre-Charge)	50 (30)			50 (30)			50 (30)		
Height Difference	30			30			30		
Operation Range	Cooling -15 to 46	-15 to 46	-15 to 46	-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	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	1.90(1.283)	2.70(1.823)	2.70(1.823)	1.90(1.283)	2.70(1.823)	2.70(1.823)	1.90(1.283)	2.70(1.823)
Separation tube	UTP-SX236A(Twin)		UTP-SX236A(Twin)	UTP-SX236A(Twin)		UTP-SX354A(Triple)	UTP-SX236A (Twin)		UTP-SX236A (Twin)

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

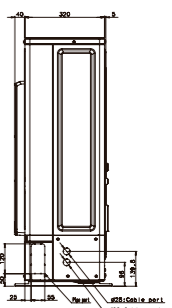
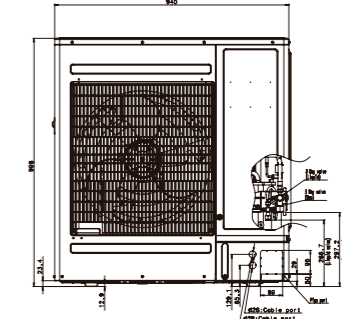
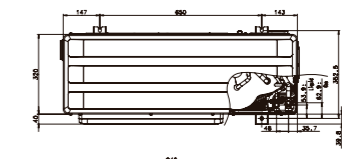
## Dimensions

(Unit : mm)

### AOYG36KBTB / AOYG36KRTA



### AOYG45KBTB / AOYG54KBTB AOYG45KRTA / AOYG54KRTA



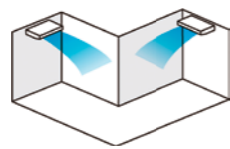
# Simultaneous Multi-split Twin/Triple



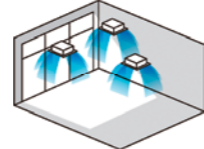
Supports various installation scenes from office to commercial space, inside the same room and multi connection of up to 3 indoor units.

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.

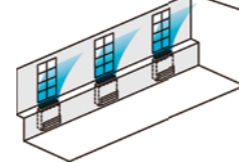
Installation according to floor layout



Installation according to lighting conditions

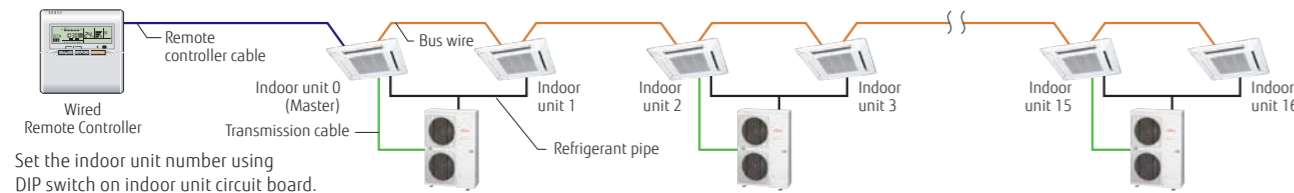


Installation according to layout and lighting conditions



## Simultaneous control

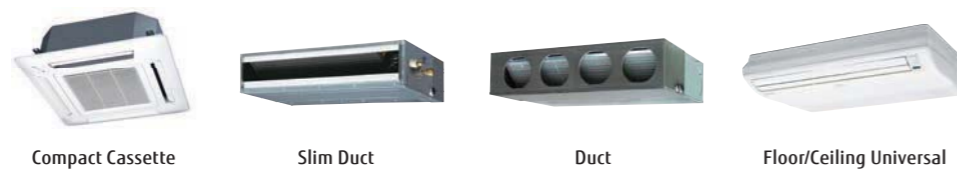
Max 16 indoor units are simultaneously controlled with a wired remote controller.



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.



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



### Specifications (Indoor units/Outdoor units)

Indoor Units Model No.	Compact Cassette		
	AUYG18LVLB	AUYG22LVLA	AUYG24LVLA
Power Source	Single phase, ~230V, 50Hz		
Airflow Rate	Cooling Heating	H/M/L/Q H/M/L/Q	m <sup>3</sup> /h
Net Dimension H × W × D	mm		
Weight	kg (lbs)		
Cassette Grille	UTG-UFYD-W		

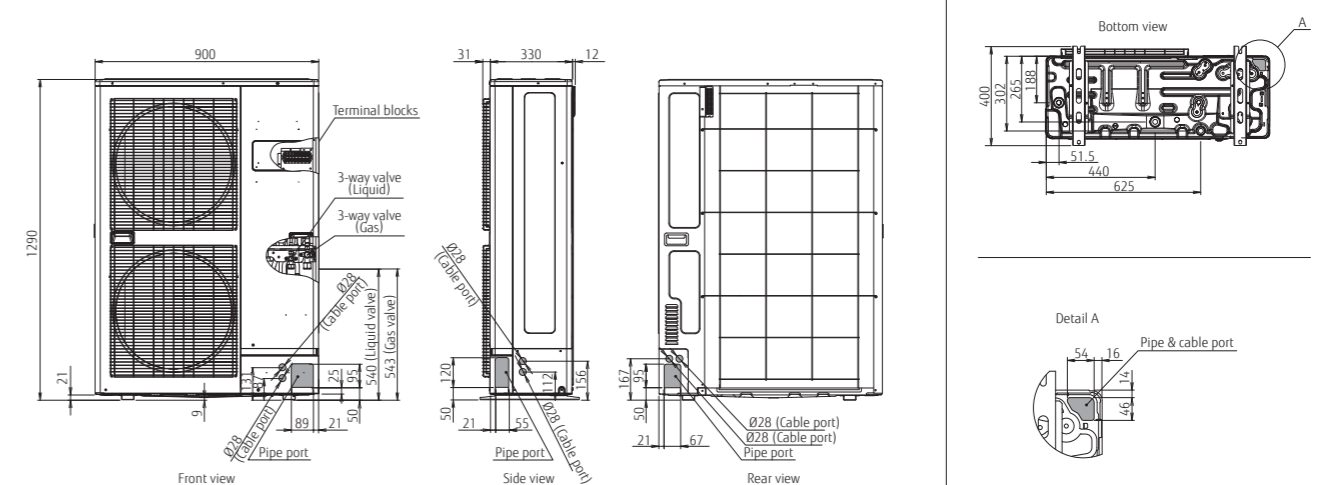
Indoor Units Model No.	Duct		Floor/Ceiling Universal			
	ARYG18LLTB	ARYG22LMLA	ARYG24LMLA	ABYG18LVTB	ABYG22LVTA	ABYG24LVTA
Power Source	Single phase, ~230V, 50Hz				Single phase, ~230V, 50Hz	
Airflow Rate	Cooling Heating	H/M/L/Q H/M/L/Q	m <sup>3</sup> /h			
Net Dimension H × W × D	mm				mm	
Weight	kg (lbs)				kg (lbs)	

Outdoor Units Model No.	AOYG36LBTB			AOYG45LBTB			AOYG54LBTB			AOYG36LATT			AOYG45LATT			AOYG54LATT		
	Capacity	Cooling	Heating	kW	10.0	12.1	13.3	10.0	12.5	14.0	10.0	12.5	14.0	10.0	12.5	14.0	10.0	12.5
Power Source	Single phase, ~230V, 50Hz									3 phase, ~400V, 50Hz								
Pdesign	Cooling	Heating (-10°C)	kW	10.0	-	-	10.0	-	-	10.0	-	-	10.0	-	-	10.0	-	-
SEER	Cooling	Heating	W/W	5.56	-	-	6.00	-	-	6.00	-	-	6.00	-	-	6.00	-	-
SCOP	Cooling	Heating	W/W	3.90	-	-	4.00	-	-	4.00	-	-	4.00	-	-	4.00	-	-
Annual Energy Consumption	Cooling	Heating	kWh/a	636	-	-	583	-	-	583	-	-	583	-	-	583	-	-
Energy Efficiency Class	Cooling	Heating		A	-	-	A+	-	-	A+	-	-	A+	-	-	A+	-	-
Sound Pressure Level (High)	Cooling/Heating			52/54	54/55	55/57	51/53	54/54	55/56	51/53	54/54	55/56	51/53	54/54	55/56	51/53	54/54	55/56
Sound Power Level (High)	Cooling/Heating			68/69	70/70	71/72	67/69	68/69	70/72	67/69	68/69	70/72	67/69	68/69	70/72	67/69	68/69	70/72
Airflow Rate	Cooling / Heating			6,200/6,200	6,750/6,200	6,850/6,750	6,200/6,200	6,750/6,200	6,900/6,900	6,200/6,200	6,750/6,200	6,900/6,900	6,200/6,200	6,750/6,200	6,900/6,900	6,200/6,200	6,750/6,200	6,900/6,900
Net Dimension H × W × D				1,290×900×330	1,290×900×330	1,290×900×330	1,290×900×330	1,290×900×330	1,290×900×330	1,290×900×330	1,290×900×330	1,290×900×330	1,290×900×330	1,290×900×330	1,290×900×330	1,290×900×330	1,290×900×330	1,290×900×330
Weight				93(205)	93(205)	93(205)	104(229)	104(229)	104(229)	104(229)	104(229)	104(229)	104(229)	104(229)	104(229)	104(229)	104(229)	104(229)
Connection Pipe Diameter (Liquid / Gas)				9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	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)				75(30)	75(30)	75(30)	75(30)	75(30)	75(30)	75(30)	75(30)	75(30)	75(30)	75(30)	75(30)	75(30)	75(30)	75(30)
Height Difference				30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Operation Range	Cooling	Heating	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
Refrigerant	Type (Global Warming Potential)	Charge	kg(CO <sub>2</sub> eq-T)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Separation tube				UTP-SX236A(Twin)	UTP-SX254A(Twin)	UTP-SX354A(Triple)	UTP-SX236A(Twin)	UTP-SX254A(Twin)	UTP-SX354A(Triple)	UTP-SX236A(Twin)	UTP-SX254A(Twin)	UTP-SX354A(Triple)	UTP-SX236A(Twin)	UTP-SX254A(Twin)	UTP-SX354A(Triple)	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)



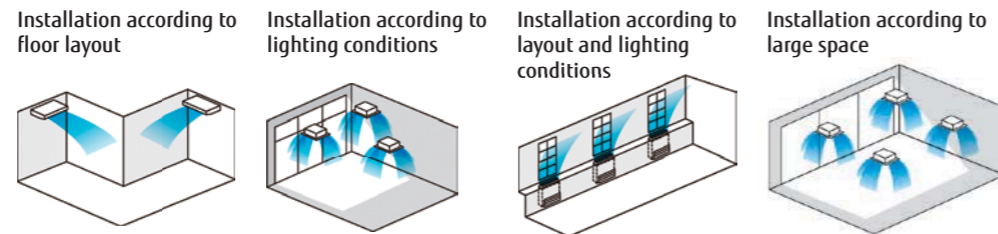
# Simultaneous Multi-split

Twin/Triple/Double Twin



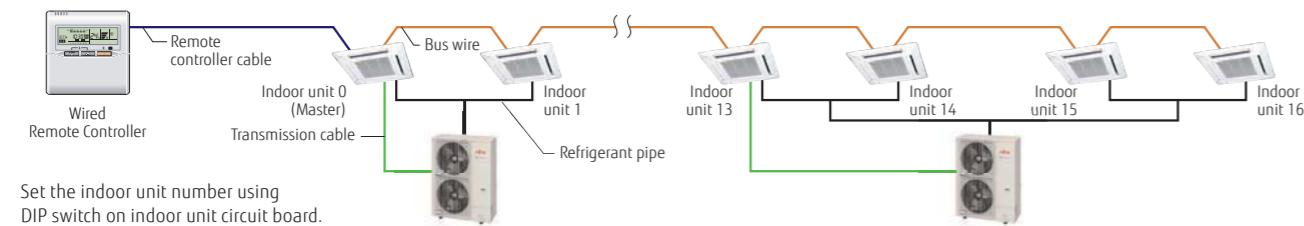
## Support various applications from open plan offices to retail stores, with up to 4 indoor units.

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.



## Simultaneous control

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

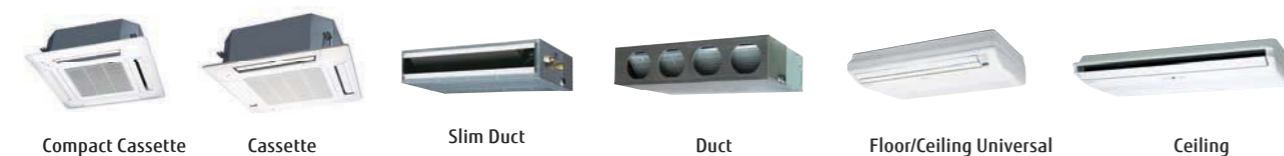


Set the indoor unit number using DIP switch on indoor unit circuit board.

\*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.



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



### Specifications (Indoor units/Outdoor units)

Indoor Units Model No.				Compact Cassette, Cassette						
				AOYG18LLVB	AOYG22LVLA	AOYG24LVLA	AOYG30LRLE	AOYG36LRLE	AOYG45LRLA	
Power Source				Single phase, ~230V, 50Hz						
Airflow Rate	Cooling	H/M/L/Q	m <sup>3</sup> /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	m <sup>3</sup> /h	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	288 × 840 × 840	288 × 840 × 840	288 × 840 × 840
Weight				kg (lbs)		15 (33)	16 (35)	26 (57)	26 (57)	26 (57)
Cassette Grille				UTG-UFYD-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 <sup>3</sup> /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	m <sup>3</sup> /h	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
Weight				kg (lbs)		23 (51)	38 (84)	38 (84)	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 <sup>3</sup> /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	m <sup>3</sup> /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	
Net Dimension H × W × D				mm		199 × 990 × 655	199 × 990 × 655	199 × 990 × 655	240 × 1660 × 700	240 × 1660 × 700
Weight				kg (lbs)		27 (60)	27 (60)	27 (60)	46 (101)	46 (101)

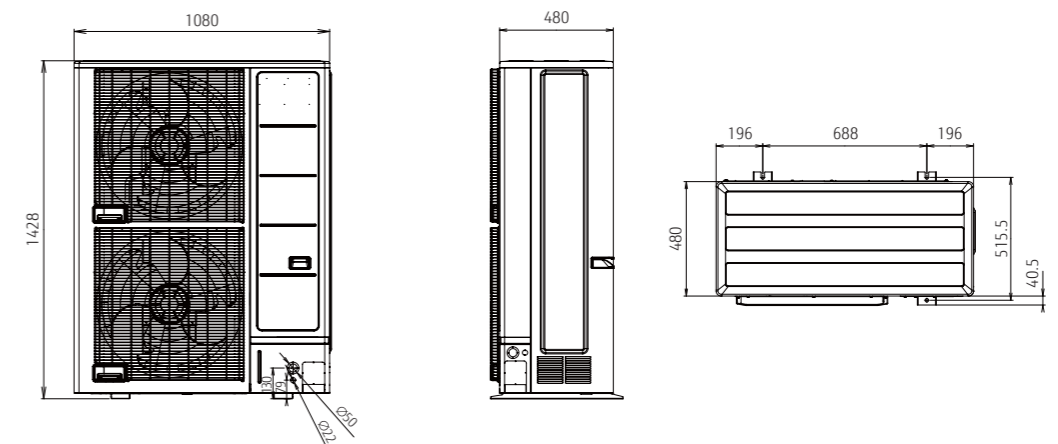
Outdoor Units Model No.			AOYG72LRLA		AOYG90LRLA		
			Capacity	Cooling / Heating	Capacity	Cooling / Heating	
Capacity			kW		kW		
			19.0		22.0		
			22.4		27.0		
Power Source			3 phase, ~400V, 50Hz				
Sound Pressure Level (High)			dB(A)		dB(A)		
			55/55		55/57		
Airflow Rate			m <sup>3</sup> /h		m <sup>3</sup> /h		
			8,400/8,400		8,400/9,000		
Net Dimension H × W × D			mm		mm		
			1,428×1,080×480		1,428×1,080×480		
Weight			kg (lbs)		kg (lbs)		
			163 (359)		172 (379)		
Connection Pipe Diameter (Liquid / Gas)			mm		mm		
			12.7/25.4		12.7/25.4		
Max Pipe Length (Pre-Charge)			m		m		
			100 (30)		100 (30)		
Height Difference			m		m		
			30		30		
Operation Range			°CDB		°CDB		
			-15 to 46		-15 to 46		
			-20 to 24		-20 to 24		
Refrigerant			Type (Global Warming Potential)		Type (Global Warming Potential)		
			R410A (2,088)		R410A (2,088)		
			Charge		Charge		
			kg(CO2eq-T)		kg(CO2eq-T)		
			5.6 (11.693)		7.1 (14.825)		
Separation tube			UTP-SX272A×1 (Twin)	UTP-SX372A×1 (Triple)	UTP-SX272A×1 UTP-236A×2 (Double Twin)	UTP-SX272A×1 UTP-SX372A×1 (Triple)	UTP-SX272A×1 UTP-SX254A×2 (Double Twin)

\*: That specification is not fixed yet.

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

### Dimensions

(Unit : mm)



# New 2-unit Multi-split Indoor Units Specifications



## Wall mounted



Model No.	Indoor unit			ASYG07KGTB	ASYG09KGTB	ASYG12KGTB	ASYG14KGTB
kW Class	kW			2.0	2.5	3.5	4.0
Power Source	Single phase, ~230V, 50Hz						
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	38/33/29/21	40/34/29/21	40/35/30/21	43/36/30/21
	Heating			41/35/31/22	42/36/31/22	42/38/33/22	44/39/33/24
Sound Power Level	Cooling	H	dB(A)	54	55	55	57
	Heating			56	57	58	59
Airflow Rate	Cooling	H/M/L/Q	m³/h	650/540/430/270	700/560/430/270	700/560/430/270	770/600/450/280
	Heating			720/580/460/330	750/610/470/330	770/640/520/330	800/660/520/340
Net Dimensions	mm			270x834x215	270x834x215	270x834x215	270x834x215
Weight	kg(lbs)			10 (22)	10 (22)	10 (22)	10 (22)
Connection Pipe Diameter	Liquid/Gas	mm		6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52

## Wall mounted



Model No.	Indoor unit			ASYG07KETA ASYG07KETA-B	ASYG09KETA ASYG09KETA-B	ASYG12KETA ASYG12KETA-B	ASYG14KETA ASYG14KETA-B
kW Class	kW			2.0	2.5	3.5	4.0
Power Source	Single phase, ~230V, 50Hz						
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	38/33/29/21	40/34/29/21	40/35/30/21	43/36/30/21
	Heating			41/35/31/22	42/36/31/22	42/38/33/22	44/39/33/24
Sound Power Level	Cooling	H	dB(A)	55	55	55	57
	Heating			56	57	58	59
Airflow Rate	Cooling	H/M/L/Q	m³/h	650/540/430/270	700/560/430/270	700/560/430/270	770/600/450/280
	Heating			720/580/460/330	750/610/470/330	770/640/520/330	800/660/520/340
Net Dimensions	mm			295x950 (wall side: 840)×230			
Weight	kg(lbs)			11(24)	11(24)	11(24)	11.5(25)
Connection Pipe Diameter	Liquid/Gas	mm		6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52

## Wall mounted



Model No.	Indoor unit			ASYG07KMCC	ASYG09KMCC	ASYG12KMCC	ASYG14KMCC
kW Class	kW			2.0	2.5	3.5	4.0
Power Source	Single phase, ~230V, 50Hz						
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	38/33/29/21	40/34/29/21	40/35/30/21	43/36/30/21
	Heating			41/35/31/22	42/36/31/22	42/38/33/22	44/39/33/24
Sound Power Level	Cooling	H	dB(A)	55	55	55	57
	Heating			56	57	58	59
Airflow Rate	Cooling	H/M/L/Q	m³/h	650/540/430/320	700/560/430/320	700/560/430/320	770/600/450/310
	Heating			720/580/460/330	750/610/470/330	780/640/520/330	820/660/520/340
Net Dimensions	mm			270x834x222	270x834x222	270x834x222	270x834x222
Weight	kg(lbs)			10 (22)	10 (22)	10 (22)	10 (22)
Connection Pipe Diameter	Liquid/Gas	mm		6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52

## Compact cassette Grid type



Model No.	Indoor unit			AUXG07KVLA	AUXG09KVLA	AUXG12KVLA	AUXG14KVLA
kW Class	kW			2.0	2.5	3.5	4.0
Power Source	Single phase, ~230V, 50Hz						
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	33/31/29/27	33/31/29/27	37/34/31/28	38/35/32/29
	Heating			34/32/29/27	34/32/29/27	37/34/31/29	43/38/34/30
Sound Power Level	Cooling	H	dB(A)	46	46	49	50
	Heating			47	47	49	55
Airflow Rate	Cooling	H/M/L/Q	m³/h	540/490/440/390	540/490/440/390	610/530/470/410	680/580/490/410
	Heating			540/490/440/390	540/490/440/390	610/530/470/410	790/680/580/450
Net Dimensions	mm			245x570x570	245x570x570	245x570x570	245x570x570
Weight	kg(lbs)			15 (33)	15 (33)	15 (33)	15 (33)
Panel				UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W
Connection Pipe Diameter	Liquid/Gas	mm		6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52

## Mini duct



Model No.	Indoor unit			ARXG07KSLAP	ARXG09KSLAP	ARXG12KSLAP	ARXG14KSLAP
kW Class	kW			2.0	2.5	3.5	4.0
Power Source	Single phase, ~230V, 50Hz						
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	29/26/24/23	29/26/24/23	31/27/25/23	35/30/27/23
	Heating			29/26/24/23	29/26/24/23	31/27/25/23	35/30/27/23
Sound Power Level	Cooling	H	dB(A)	52	54	55	60
	Heating			53	56	57	62
Airflow Rate	Cooling	H/M/L/Q	m³/h	550/440/390/360	600/450/400/360	650/490/430/360	800/640/530/360
	Heating			550/440/390/360	600/450/400/360	650/490/430/360	800/640/530/360
Net Dimensions	mm			198x700x450	198x700x450	198x700x450	198x700x450
Weight	kg(lbs)			15.5 (34)	15.5 (34)	15.5 (34)	15.5 (34)
Connection Pipe Diameter	Liquid/Gas	mm		6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52
External static pressure	Pa			0 to 30	0 to 30	0 to 30	0 to 50
Drain pump	Standard						

## Slim duct



Model No.	Indoor unit			ARXG07KLLAP	ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP
kW Class	kW			2.0	2.5	3.5	4.0
Power Source	Single phase, ~230V, 50Hz						
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	28/26/25/24	28/27/26/25	29/28/27/26	32/30/28/26
	Heating			28/26/25/24	28/26/25/24	29/28/27/26	32/30/28/25
Sound Power Level	Cooling	H	dB(A)	57	57	58	60
	Heating			57	57	58	60
Airflow Rate	Cooling	H/M/L/Q	m³/h	550/490/470/440	600/550/500/450	650/600/550/480	800/700/600/480
	Heating			550/490/470/440	600/550/500/450	650/600/550/480	800/700/600/480
Net Dimensions	mm			198x700x620	198x700x620	198x700x620	198x700x620
Weight	kg(lbs)			16 (35)	17 (37)	17 (37)	17 (37)
Connection Pipe Diameter	Liquid/Gas	mm		6.35/9.52	6.35/9.52	6.35/9.52	6.35/9.52
External static pressure	Pa			0 to 90	0 to 90	0 to 90	0 to 90
Drain pump	Standard						

# 2-unit to 8-unit Multi-split Indoor Units Specifications

## Wall mounted



Model No.	Indoor unit			
	ASYG07KMCC	ASYG09KMCC	ASYG12KMCC	ASYG14KMCC*
kW Class	kW			
Power Source	Single phase, ~230V, 50Hz			
Sound Pressure Level	Cooling	38/33/29/21	40/34/29/21	40/35/30/21
	Heating	41/35/31/22	42/36/31/22	42/38/33/22
Sound Power Level	Cooling	54	55	55
	Heating	56	57	58
Airflow Rate	Cooling	650/540/430/320	700/560/430/320	700/560/430/320
	Heating	720/580/460/330	750/610/470/330	780/640/520/330
Net Dimensions	mm			
Weight	kg(lbs)			
Connection Pipe Diameter	Liquid/Gas mm			

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

## Compact wall mounted



Model No.	Indoor unit			
	ASYG07LUCA	ASYG09LUCA	ASYG12LUCA	ASYG14LUCA
kW Class	kW			
Power Source	Single phase, ~230V, 50Hz			
Sound Pressure Level	Cooling	35/30/28/21	36/32/28/21	37/34/31/21
	Heating	35/30/28/21	36/32/28/21	37/34/31/21
Sound Power Level	Cooling	53	54	55
	Heating	53	54	55
Airflow Rate	Cooling	570/520/470/330	600/550/470/330	660/600/530/330
	Heating	570/520/470/330	600/550/470/330	660/600/530/330
Net Dimensions	mm			
Weight	kg(lbs)			
Connection Pipe Diameter	Liquid/Gas mm			

## Wall mounted



Model No.	Indoor unit	
	ASYG18LFCA	ASYG24LFCC
kW Class	kW	
Power Source	Single phase, ~230V, 50Hz	
Sound Pressure Level	Cooling	43/37/33/26
	Heating	42/37/33/25
Sound Power Level	Cooling	58
	Heating	58
Airflow Rate	Cooling	900/740/620/550
	Heating	900/740/620/550
Net Dimensions	mm	
Weight	kg(lbs)	
Connection Pipe Diameter	Liquid/Gas mm	

## Compact wall mounted



Model No.	Indoor unit			
	ASYG07LMCE	ASYG09LMCE	ASYG12LMCE	ASYG14LMCE
kW Class	kW			
Power Source	Single phase, ~230V, 50Hz			
Sound Pressure Level	Cooling	36/32/29/21	37/33/29/21	40/36/30/21
	Heating	36/32/29/22	37/33/29/22	40/36/31/22
Sound Power Level	Cooling	51	52	54
	Heating	51	52	55
Airflow Rate	Cooling	560/500/430/310	600/520/430/310	660/560/450/310
	Heating	560/500/430/330	600/520/430/330	660/560/470/330
Net Dimensions	mm			
Weight	kg(lbs)			
Connection Pipe Diameter	Liquid/Gas mm			

## Floor



Model No.	Indoor unit		
	AGYG09LVCA	AGYG12LVCA	AGYG14LVCA
kW Class	kW		
Power Source	Single phase, ~230V, 50Hz		
Sound Pressure Level	Cooling	39/34/28/22	42/36/30/22
	Heating	39/35/30/22	42/38/32/22
Sound Power Level	Cooling	52	55
	Heating	52	55
Airflow Rate	Cooling	530/440/360/270	600/490/380/270
	Heating	530/460/380/270	600/510/410/270
Net Dimensions	mm		
Weight	kg(lbs)		
Connection Pipe Diameter	Liquid/Gas mm		

## Floor ceiling



Model No.	Indoor unit	
	ABYG14LVTA	ABYG18LVTB
kW Class	kW	
Power Source	Single phase, ~230V, 50Hz	
Sound Pressure Level	Cooling	36/34/33/29 (Under ceiling) 39/37/36/32 (Floor console)
	Heating	36/34/33/29 (Under ceiling) 39/37/36/32 (Floor console)
Sound Power Level	Cooling	51
	Heating	51
Airflow Rate	Cooling	640/590/540/480
	Heating	640/590/540/480
Net Dimensions	mm	
Weight	kg(lbs)	
Connection Pipe Diameter	Liquid/Gas mm	

## Compact cassette



Model No.	Indoor unit					
	AUYG07LVLA	AUYG09LVLA	AUYG12LVLB	AUYG14LVLB	AUYG18LVLB	
kW Class	kW					
Power Source	Single phase, ~230V, 50Hz					
Sound Pressure Level	Cooling	33/31/29/27	33/31/29/27	37/33/31/28	40/35/32/29	42/37/33/29
	Heating	34/32/29/27	34/32/29/27	37/33/31/28	40/37/34/29	44/40/37/30
Sound Power Level	Cooling	46	46	49	52	54
	Heating	47	47	49	52	56
Airflow Rate	Cooling	540/490/440/390	540/490/440/390	610/530/470/410	680/580/490/410	750/610/520/410
	Heating	540/490/440/390	540/490/440/390	610/530/470/410	700/620/550/430	800/710/600/450
Net Dimensions	mm					
Weight	kg(lbs)					
Panel	UTG-UFYD-W					
Connection Pipe Diameter	Liquid/Gas mm					

## Mini duct



Model No.	Indoor unit					
	ARYG07LSLAP	ARYG09LSLAP	ARYG12LSLAP	ARYG14LSLAP	ARYG18LSLAP	
kW Class	kW					
Power Source	Single phase, ~230V, 50Hz					
Sound Pressure Level	Cooling	29/26/24/23	29/26/24/23	31/27/25/23	35/30/27/23	33/29/26/23
	Heating	29/26/24/23	29/26/24/23	31/27/25/23	35/30/27/23	33/29/26/23
Sound Power Level	Cooling	52	54	55	60	58
	Heating	53	56	57	62	59
Airflow Rate	Cooling	550/440/390/360	600/450/400/360	650/490/430/360	800/640/530/360	940/750/540/480
	Heating	550/440/390/360	600/450/400/360	650/490/430/360	800/640/530/360	940/750/540/480
Net Dimensions	mm					
Weight	kg(lbs)					
Connection Pipe Diameter	Liquid/Gas mm					
External static pressure	Pa					
Drain pump	Standard					

## Slim duct



Model No.	Indoor unit					
	ARYG07LLTA	ARYG09LLTA	ARYG12LLTB	ARYG14LLTB	ARYG18LLTB	
kW Class	kW					
Power Source	Single phase, ~230V, 50Hz					
Sound Pressure Level	Cooling	28/26/25/24	28/27/26/25	29/28/27/26	32/30/28/26	32/31/30/29
	Heating	28/26/25/24	28/26/25/24	29/28/27/26	33/30/28/25	33/32/31/29
Sound Power Level	Cooling	57	57	58	60	58
	Heating	57	57	58	61	59
Airflow Rate	Cooling	550/490/470/440	600/550/500/450	650/600/550/480	800/700/600/480	940/880/820/750
	Heating	550/490/470/440	600/550/500/450	650/600/550/480	800/700/600/480	940/880/820/750
Net Dimensions	mm					
Weight	kg(lbs)					
Connection Pipe Diameter	Liquid/Gas mm					
External static pressure	Pa					
Drain pump	Standard					

# 2-unit Multi-split Combination Table-Cooling/Heating



## 2-unit Multi-split cooling

AOYG14KBTA2	Combination of Indoor Unit		Cooling Operation					Seasonal Data		
			Cooling Capacity			Input Power (min-max)	EER	Pdesign	SEER	Energy efficiency class
			Unit 1	Unit 2	Total Capacity (min-max)					
2-unit connection	7	7	2.00	2.00	4.00(1.4-4.6)	0.97(0.25-1.20)	4.12	4.0	8.7	A+++
	7	9	1.75	2.25	4.00(1.4-4.6)	0.97(0.25-1.20)	4.12	4.0	8.7	A+++
	7	12	1.47	2.53	4.00(1.4-4.6)	0.97(0.25-1.20)	4.12	4.0	8.7	A+++
	9	9	2.00	2.00	4.00(1.4-4.6)	0.97(0.25-1.20)	4.12	4.0	8.7	A+++
	9	12	1.71	2.29	4.00(1.4-4.6)	0.97(0.25-1.20)	4.12	4.0	8.7	A+++

Note: •7:7000Btu/h / 9:9000Btu/h / 12:12000Btu/h models  
 •The above is the value for connecting with Wall Mounted [KG] type.  
 •2 or more indoor units should be connected.  
 •Cooling capacity is based on 27°CDB/19°CWB (indoor temperature), 35°CDB (outdoor temperature).  
 •Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)  
 •The Total ability of connected indoor unit is up to 21000Btu from 14000Btu.

AOYG18KBTA2	Combination of Indoor Unit		Cooling Operation					Seasonal Data		
			Cooling Capacity			Input Power (min-max)	EER	Pdesign	SEER	Energy efficiency class
			Unit 1	Unit 2	Total Capacity (min-max)					
2-unit connection	7	7	2.00	2.00	4.00(1.7-5.0)	0.92(0.25-1.23)	4.35	4.0	8.8	A+++
	7	9	2.00	2.50	4.50(1.7-5.7)	1.07(0.25-1.45)	4.22	4.5	8.7	A+++
	7	12	1.84	3.16	5.00(1.7-5.8)	1.24(0.25-1.55)	4.03	5.0	8.6	A+++
	7	14	1.67	3.33	5.00(1.7-5.8)	1.24(0.25-1.55)	4.03	5.0	8.6	A+++
	9	9	2.50	2.50	5.00(1.7-5.8)	1.24(0.25-1.55)	4.03	5.0	8.6	A+++
	9	12	2.14	2.86	5.00(1.7-5.8)	1.24(0.25-1.55)	4.03	5.0	8.6	A+++
	9	14	1.96	3.04	5.00(1.7-5.8)	1.24(0.25-1.55)	4.03	5.0	8.6	A+++
	12	12	2.50	2.50	5.00(1.7-5.8)	1.24(0.25-1.55)	4.03	5.0	8.6	A+++
	12	14	2.31	2.69	5.00(1.7-5.8)	1.24(0.25-1.55)	4.03	5.0	8.6	A+++

Note: •7:7000Btu/h / 9:9000Btu/h / 12:12000Btu/h / 14:14000Btu/h models  
 •The above is the value for connecting with Wall Mounted [KG] type.  
 •2 or more indoor units should be connected.  
 •Cooling capacity is based on 27°CDB/19°CWB (indoor temperature), 35°CDB (outdoor temperature).  
 •Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)  
 •The Total ability of connected indoor unit is up to 26000Btu from 14000Btu.

## 2-unit Multi-split heating

AOYG14KBTA2	Combination of Indoor Unit		Heating Operation					Seasonal Data		
			Heating Capacity			Input Power (min-max)	COP	Pdesign	SCOP	Energy efficiency class
			Unit 1	Unit 2	Total Capacity (min-max)					
2-unit connection	7	7	2.20	2.20	4.40(1.1-5.5)	0.95(0.25-1.65)	4.63	3.5	4.7	A++
	7	9	1.92	2.48	4.40(1.1-5.5)	0.95(0.25-1.65)	4.63	3.5	4.7	A++
	7	12	1.62	2.78	4.40(1.1-5.5)	0.95(0.25-1.65)	4.63	3.5	4.7	A++
	9	9	2.20	2.20	4.40(1.1-5.5)	0.95(0.25-1.65)	4.63	3.5	4.7	A++
	9	12	1.89	2.51	4.40(1.1-5.5)	0.95(0.25-1.65)	4.63	3.5	4.7	A++

Note: •7:7000Btu/h / 9:9000Btu/h / 12:12000Btu/h models  
 •The above is the value for connecting with Wall Mounted [KG] type.  
 •2 or more indoor units should be connected.  
 •Heating capacity is based on 20°CDB (indoor temperature), 7°CDB/6°CWB (outdoor temperature).  
 •Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)  
 •The Total ability of connected indoor unit is up to 21000Btu from 14000Btu.

AOYG18KBTA2	Combination of Indoor Unit		Heating Operation					Seasonal Data		
			Heating Capacity			Input Power (min-max)	COP	Pdesign	SCOP	Energy efficiency class
			Unit 1	Unit 2	Total Capacity (min-max)					
2-unit connection	7	7	2.40	2.40	4.80(1.7-5.6)	0.99(0.25-1.35)	4.85	3.8	4.7	A++
	7	9	2.40	3.00	5.40(1.7-6.4)	1.15(0.25-1.60)	4.70	4.0	4.7	A++
	7	12	2.06	3.54	5.60(1.7-7.0)	1.22(0.25-1.80)	4.59	4.2	4.7	A++
	7	14	1.87	3.73	5.60(1.7-7.0)	1.22(0.25-1.80)	4.59	4.2	4.7	A++
	9	9	2.80	2.80	5.60(1.7-7.0)	1.22(0.25-1.80)	4.59	4.2	4.7	A++
	9	12	2.40	3.20	5.60(1.7-7.0)	1.22(0.25-1.80)	4.59	4.2	4.7	A++
	9	14	2.19	3.41	5.60(1.7-7.0)	1.22(0.25-1.80)	4.59	4.2	4.7	A++
	12	12	2.80	2.80	5.60(1.7-7.0)	1.22(0.25-1.80)	4.59	4.2	4.7	A++
	12	14	2.58	3.02	5.60(1.7-7.0)	1.22(0.25-1.80)	4.59	4.2	4.7	A++

Note: •7:7000Btu/h / 9:9000Btu/h / 12:12000Btu/h / 14:14000Btu/h models  
 •The above is the value for connecting with Wall Mounted [KG] type.  
 •2 or more indoor units should be connected.  
 •Heating capacity is based on 20°CDB (indoor temperature), 7°CDB/6°CWB (outdoor temperature).  
 •Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)  
 •The Total ability of connected indoor unit is up to 26000Btu from 14000Btu.



## 2-unit Multi-split cooling

AOYG14LAC2	Combination of Indoor Unit		Cooling Operation					Seasonal Data		
			Cooling Capacity			Input Power (min-max)	EER	Pdesign	SEER	Energy efficiency class
			Unit 1	Unit 2	Total Capacity (min-max)					
2-unit connection	7	7	2.00	2.00	4.00 (1.4-4.4)	1.09 (0.35-1.40)	3.67	4.0	6.7	A++
	7	9	1.95	2.05	4.00 (1.4-4.4)	1.09 (0.35-1.40)	3.67	4.0	6.6	A++
	7	12	1.65	2.35	4.00 (1.4-4.6)	1.05 (0.35-1.47)	3.81	4.0	6.5	A++
	9	9	2.00	2.00	4.00 (1.4-4.5)	1.09 (0.35-1.43)	3.67	4.0	6.6	A++
	9	12	1.70	2.30	4.00 (1.4-4.7)	1.05 (0.35-1.47)	3.81	4.0	6.5	A++

Note: •7:7000Btu/h / 9:9000Btu/h / 12:12000Btu/h models  
 •The above is the value for connecting with Wall Mounted type.  
 •2 or more indoor units should be connected.  
 •Cooling capacity is based on 27°CDB/19°CWB (indoor temperature), 35°CDB (outdoor temperature).  
 •Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)  
 •The Total ability of connected indoor unit is up to 21000Btu from 14000Btu.

AOYG18LAC2	Combination of Indoor Unit		Cooling Operation					Seasonal Data		
			Cooling Capacity			Input Power (min-max)	EER	Pdesign	SEER	Energy efficiency class
			Unit 1	Unit 2	Total Capacity (min-max)					
2-unit connection	7	7	2.10	2.10	4.20 (1.7-5.2)	1.24 (0.35-1.68)	3.39	4.2	7.0	A++
	7	9	2.10	2.50	4.60 (1.7-5.3)	1.26 (0.35-1.79)	3.65	4.6	6.8	A++
	7	12	1.90	3.10	5.00 (1.7-5.6)	1.55 (0.35-1.95)	3.23	5.0	6.5	A++
	7	14	1.80	3.20	5.00 (1.8-5.7)	1.55 (0.40-1.99)	3.23	5.0	6.5	A++
	9	9	2.50	2.50	5.00 (1.7-5.6)	1.56 (0.35-1.95)	3.21	5.0	6.6	A++
	9	12	2.10	2.90	5.00 (1.7-5.7)	1.55 (0.35-1.95)	3.23	5.0	6.5	A++
	9	14	2.00	3.00	5.00 (1.8-5.8)	1.55 (0.40-1.99)	3.23	5.0	6.4	A++
	12	12	2.50	2.50	5.00 (1.7-5.8)	1.56 (0.35-1.99)	3.21	5.0	6.4	A++

Note: •7:7000Btu/h / 9:9000Btu/h / 12:12000Btu/h / 14:14000Btu/h models  
 •The above is the value for connecting with Wall Mounted type.  
 •2 or more indoor units should be connected.  
 •Cooling capacity is based on 27°CDB/19°CWB (indoor temperature), 35°CDB (outdoor temperature).  
 •Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)  
 •The Total ability of connected indoor unit is up to 24000Btu from 14000Btu.  
 •Where "14" means "wall mounted type" only models. Other types of indoor units cannot be connected.

## 2-unit Multi-split heating

AOYG14LAC2	Combination of Indoor Unit		Heating Operation					Seasonal Data		
			Heating Capacity			Input Power (min-max)	COP	Pdesign	SCOP	Energy efficiency class
			Unit 1	Unit 2	Total Capacity (min-max)					
2-unit connection	7	7	2.20	2.20	4.40 (1.1-5.4)	1.03 (0.25-1.78)	4.27	3.8	4.1	A+
	7	9	2.15	2.25	4.40 (1.1-5.4)	1.03 (0.25-1.78)	4.27	3.8	4.1	A+
	7	12	1.95	2.45	4.40 (1.1-5.5)	1.02 (0.25-1.76)	4.31	3.8	4.0	A+
	9	9	2.20	2.20	4.40 (1.1-5.4)	1.03 (0.25-1.78)	4.27	3.8	4.0	A+
	9	12	2.00	2.40	4.40 (1.1-5.5)	1.02 (0.25-1.76)	4.31	3.8	4.0	A+

Note: •7:7000Btu/h / 9:9000Btu/h / 12:12000Btu/h models  
 •The above is the value for connecting with Wall Mounted type.  
 •2 or more indoor units should be connected.  
 •Heating capacity is based on 20°CDB (indoor temperature), 7°CDB/6°CWB (outdoor temperature).  
 •Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)  
 •The Total ability of connected indoor unit is up to 21000Btu from 14000Btu.

AOYG18LAC2	Combination of Indoor Unit		Heating Operation					Seasonal Data		
			Heating Capacity			Input Power (min-max)	COP	Pdesign	SCOP	Energy efficiency class
			Unit 1	Unit 2	Total Capacity (min-max)					
2-unit connection	7	7	2.70	2.70	5.40 (1.8-6.0)	1.24 (0.50-1.61)	4.37	3.8	4.1	A+
	7	9	2.50	3.00	5.50 (1.8-6.0)	1.36 (0.50-1.87)	4.04	4.0	4.1	A+
	7	12	2.30	3.30	5.60 (1.8-6.1)	1.38 (0.50-1.88)	4.06	4.2	4.0	A+
	7	14	2.25	3.35	5.60 (1.9-6.2)	1.35 (0.55-1.86)	4.15	4.2	4.0	A+
	9	9	2.80	2.80	5.60 (1.8-6.1)	1.41 (0.50-1.90)	3.97	4.2	4.1	A+
	9	12	2.45	3.15	5.60 (1.8-6.2)	1.38 (0.50-1.88)	4.07	4.2	4.0	A+
	9	14	2.35	3.25	5.60 (1.9-6.3)	1.35 (0.55-1.86)	4.15	4.2	4.0	A+
	12	12	2.80	2.80	5.60 (1.8-6.3)	1.34 (0.50-1.84)	4.18	4.2	4.0	A+

Note: •7:7000Btu/h / 9:9000Btu/h / 12:12000Btu/h / 14:14000Btu/h models  
 •The above is the value for connecting with Wall Mounted type.  
 •2 or more indoor units should be connected.  
 •Heating capacity is based on 20°CDB (indoor temperature), 7°CDB/6°CWB (outdoor temperature).  
 •Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)  
 •The Total ability of connected indoor unit is up to 24000Btu from 14000Btu.  
 •Where "14" means "wall mounted type" only models. Other types of indoor units cannot be connected.

# 3-unit Multi-split Combination Table-Cooling/Heating

## 3-unit Multi-split cooling

AOYG18LAT3	Combination of Indoor Unit			Cooling Operation						Seasonal Data		
				Cooling Capacity				Input Power (min-max)	EER	Pdesign	SEER	Energy efficiency
				Unit 1 kW	Unit 2 kW	Unit 3 kW	Total Capacity (min-max) kW					
2-unit connection	7	7	-	2.30	2.30	-	4.60 (1.8-5.0)	1.22 (0.50-1.43)	3.77	4.6	6.3	A++
	7	9	-	2.30	2.70	-	5.00 (1.8-5.7)	1.35 (0.50-1.81)	3.70	5.0	6.2	A++
	7	12	-	1.98	3.02	-	5.00 (1.8-6.1)	1.34 (0.50-2.06)	3.73	5.0	6.2	A++
	7	14	-	1.88	3.42	-	5.30 (1.8-6.6)	1.34 (0.50-2.06)	3.96	5.3	6.1	A++
	9	9	-	2.50	2.50	-	5.00 (1.8-6.2)	1.35 (0.50-2.06)	3.70	5.0	6.2	A++
	9	12	-	2.18	2.82	-	5.00 (1.8-6.3)	1.35 (0.50-2.06)	3.70	5.0	6.2	A++
	9	14	-	2.07	3.23	-	5.30 (1.8-6.7)	1.35 (0.50-2.06)	3.93	5.3	6.1	A++
	12	12	-	2.55	2.55	-	5.10 (1.8-6.3)	1.35 (0.50-2.06)	3.78	5.1	6.1	A++
3-unit connection	7	7	7	1.80	1.80	1.80	5.40 (1.8-6.8)	1.35 (0.50-2.06)	4.00	5.4	6.9	A++
	7	7	9	1.70	1.70	2.00	5.40 (1.8-6.8)	1.35 (0.50-2.06)	4.00	5.4	6.9	A++
	7	7	12	1.53	1.53	2.33	5.40 (1.8-6.8)	1.35 (0.50-2.06)	4.00	5.4	6.7	A++
	7	7	14	1.41	1.41	2.58	5.40 (2.0-6.8)	1.35 (0.60-2.06)	4.00	5.4	6.7	A++
	7	9	9	1.61	1.89	1.89	5.40 (1.8-6.8)	1.35 (0.50-2.06)	4.00	5.4	6.8	A++
	7	9	12	1.46	1.72	2.22	5.40 (1.8-6.8)	1.35 (0.50-2.06)	4.00	5.4	6.7	A++
	7	9	14	1.35	1.58	2.47	5.40 (2.0-6.8)	1.35 (0.60-2.06)	4.00	5.4	6.7	A++
	9	9	9	1.80	1.80	1.80	5.40 (1.8-6.8)	1.35 (0.50-2.06)	4.00	5.4	6.8	A++
9	9	12	1.64	1.64	2.12	5.40 (1.8-6.8)	1.35 (0.50-2.06)	4.00	5.4	6.7	A++	

ADYG24LAT3	Combination of Indoor Unit			Cooling Operation						Seasonal Data		
				Cooling Capacity				Input Power (min-max)	EER	Pdesign	SEER	Energy efficiency
				Unit 1 kW	Unit 2 kW	Unit 3 kW	Total Capacity (min-max) kW					
2-unit connection	7	7	-	2.30	2.30	-	4.60 (1.8-5.0)	1.20 (0.50-1.40)	3.83	4.6	6.3	A++
	7	9	-	2.30	2.70	-	5.00 (1.8-5.7)	1.36 (0.50-1.78)	3.68	5.0	6.2	A++
	7	12	-	2.38	3.42	-	5.80 (1.8-6.1)	1.70 (0.50-1.97)	3.41	5.8	6.1	A++
	7	14	-	2.37	4.13	-	6.50 (1.8-7.2)	1.91 (0.50-2.46)	3.40	6.5	6.0	A+
	7	18	-	2.08	4.52	-	6.60 (1.8-7.8)	1.91 (0.50-2.87)	3.46	6.6	5.9	A+
	9	9	-	2.75	2.75	-	5.50 (1.8-6.2)	1.55 (0.50-2.02)	3.55	5.5	6.1	A++
	9	12	-	2.79	3.41	-	6.20 (1.8-6.8)	1.90 (0.50-2.45)	3.26	6.2	5.9	A+
	9	14	-	2.66	3.94	-	6.60 (1.8-7.7)	1.91 (0.50-2.77)	3.46	6.6	6.0	A+
	9	18	-	2.35	4.35	-	6.70 (1.8-7.9)	1.91 (0.50-2.87)	3.51	6.7	5.9	A+
	12	12	-	3.15	3.15	-	6.30 (1.8-7.2)	1.90 (0.50-2.74)	3.32	6.3	5.9	A+
	12	14	-	3.03	3.67	-	6.70 (1.8-7.8)	1.91 (0.50-2.87)	3.51	6.7	5.9	A+
	12	18	-	2.66	4.04	-	6.70 (1.8-7.9)	1.92 (0.50-2.87)	3.49	6.7	5.8	A+
3-unit connection	7	7	7	2.23	2.23	2.23	6.70 (1.8-7.4)	1.89 (0.50-2.37)	3.54	6.7	6.4	A++
	7	7	9	2.14	2.14	2.52	6.80 (1.8-7.8)	1.94 (0.60-2.87)	3.51	6.8	6.4	A++
	7	7	12	1.98	1.98	2.84	6.80 (1.8-8.1)	1.93 (0.50-2.87)	3.52	6.8	6.3	A++
	7	7	14	1.82	1.82	3.16	6.80 (2.0-8.4)	1.94 (0.60-2.87)	3.51	6.8	6.2	A++
	7	7	18	1.63	1.63	3.54	6.80 (2.0-8.5)	1.94 (0.60-2.87)	3.51	6.8	6.1	A++
	7	9	9	2.03	2.38	2.38	6.80 (1.8-8.2)	1.93 (0.50-2.87)	3.52	6.8	6.4	A++
	7	9	12	1.88	2.21	2.70	6.80 (1.8-8.2)	1.93 (0.50-2.87)	3.52	6.8	6.2	A++
	7	9	14	1.74	2.04	3.02	6.80 (2.0-8.4)	1.94 (0.60-2.87)	3.51	6.8	6.2	A++
	7	9	18	1.56	1.84	3.40	6.80 (2.0-8.5)	1.94 (0.60-2.87)	3.51	6.8	6.1	A++
	7	12	12	1.76	2.52	2.52	6.80 (1.8-8.2)	1.94 (0.50-2.87)	3.51	6.8	6.2	A++
	7	12	14	1.63	2.34	2.83	6.80 (2.0-8.5)	1.94 (0.60-2.87)	3.51	6.8	6.2	A++
	9	9	9	2.27	2.27	2.27	6.80 (1.8-8.2)	1.94 (0.50-2.87)	3.51	6.8	6.4	A++
	9	9	12	2.11	2.11	2.58	6.80 (1.8-8.3)	1.94 (0.50-2.87)	3.51	6.8	6.2	A++
	9	9	14	1.95	1.95	2.89	6.80 (2.0-8.5)	1.94 (0.60-2.87)	3.51	6.8	6.2	A++
	9	9	18*	1.77	1.77	3.27	6.80 (2.0-8.5)	1.94 (0.60-2.87)	3.51	6.8	6.1	A++
	9	12	12	1.97	2.41	2.41	6.80 (1.8-8.3)	1.94 (0.50-2.87)	3.51	6.8	6.2	A++
	9	12	14	1.84	2.24	2.72	6.80 (2.0-8.5)	1.94 (0.60-2.87)	3.51	6.8	6.2	A++
	12	12	12	2.27	2.27	2.27	6.80 (1.8-8.3)	1.94 (0.50-2.87)	3.51	6.8	6.1	A++

Note: \*7:7000Btu/h / 9:9000Btu/h / 12:12000Btu/h / 14:14000Btu/h / 18:18000Btu/h models  
 •The above is the value for connecting with Wall Mounted type.  
 •2 or more indoor units should be connected.  
 •Cooling capacity is based on 27°CDB/19°CWB (indoor temperature), 35°CDB (outdoor temperature).  
 •Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)  
 •The total ability of connectable indoor units is up to 36000Btu from 14000Btu.  
 \*1: When ASYG18L is connected, connect at least 1 wall mounted type of 9000Btu.

## 3-unit Multi-split heating

AOYG18LAT3	Combination of Indoor Unit			Heating Operation						Seasonal Data			
				Heating Capacity				Input Power (min-max)	COP	Pdesign	SCOP	Energy efficiency	
				Unit 1 kW	Unit 2 kW	Unit 3 kW	Total Capacity (min-max) kW						
2-unit connection	7	7	-	2.70	2.70	-	5.40 (2.0-6.1)	1.59 (0.52-1.93)	3.40	4.0	4.1	A+	
	7	9	-	2.75	3.25	-	6.00 (2.0-6.4)	1.87 (0.52-2.06)	3.21	4.0	4.1	A+	
	7	12	-	2.59	3.71	-	6.30 (2.0-6.5)	1.98 (0.52-2.06)	3.18	4.0	4.1	A+	
	7	14	-	2.51	4.29	-	6.80 (2.0-7.1)	1.92 (0.50-2.06)	3.54	4.0	4.1	A+	
	9	9	-	3.15	3.15	-	6.30 (2.0-6.5)	1.98 (0.52-2.06)	3.18	4.0	4.1	A+	
	9	12	-	2.89	3.51	-	6.40 (2.0-6.6)	1.99 (0.52-2.06)	3.22	4.0	4.1	A+	
	9	14	-	2.77	4.03	-	6.80 (2.0-7.2)	1.91 (0.50-2.06)	3.56	4.0	4.1	A+	
	12	12	-	3.20	3.20	-	6.40 (2.0-6.6)	1.98 (0.52-2.06)	3.23	4.0	4.1	A+	
	12	14	-	3.09	3.71	-	6.80 (2.0-7.3)	1.90 (0.50-2.06)	3.58	4.0	4.1	A+	
	3-unit connection	7	7	7	2.27	2.27	2.27	6.80 (2.0-7.7)	1.62 (0.50-2.06)	4.20	5.0	4.3	A+
		7	7	9	2.14	2.14	2.52	6.80 (2.0-7.8)	1.62 (0.50-2.06)	4.20	5.0	4.3	A+
		7	7	12	1.98	1.98	2.83	6.80 (2.0-7.8)	1.59 (0.50-2.06)	4.28	5.0	4.3	A+
7		7	14	1.83	1.83	3.14	6.80 (2.0-8.0)	1.61 (0.50-2.06)	4.22	5.0	4.3	A+	
7		9	9	2.03	2.39	2.39	6.80 (2.0-7.8)	1.60 (0.50-2.06)	4.25	5.0	4.3	A+	
7		9	12	1.89	2.22	2.69	6.80 (2.0-7.9)	1.59 (0.50-2.06)	4.28	5.0	4.3	A+	
7		9	14	1.75	2.06	2.99	6.80 (2.0-8.0)	1.60 (0.50-2.06)	4.25	5.0	4.3	A+	
9		9	9	2.27	2.27	2.27	6.80 (2.0-7.9)	1.59 (0.50-2.06)	4.28	5.0	4.3	A+	
9		9	12	2.12	2.12	2.57	6.80 (2.0-7.9)	1.59 (0.50-2.06)	4.28	5.0	4.3	A+	

ADYG24LAT3	Combination of Indoor Unit			Heating Operation						Seasonal Data		
				Heating Capacity				Input Power (min-max)	COP	Pdesign	SCOP	Energy efficiency
				Unit 1 kW	Unit 2 kW	Unit 3 kW	Total Capacity (min-max) kW					
2-unit connection	7	7	-	2.75	2.75	-	5.50 (2.0-6.1)	1.55 (0.52-1.93)	3.55	4.0	4.1	A+
	7	9	-	2.80	3.30	-	6.10 (2.0-7.0)	1.82 (0.52-2.52)	3.35	4.0	4.1	A+
	7	12	-	2.88	4.12	-	7.00 (2.0-7.3)	2.31 (0.52-2.66)	3.03	4.0	4.1	A+
	7	14	-	2.80	4.80	-	7.60 (2.0-8.3)	2.28 (0.50-2.87)	3.33	4.0	4.1	A+
	7	18	-	2.51	5.39	-	7.90 (2.0-8.3)	2.34 (0.50-2.87)	3.38	4.0	4.1	A+
	9	9	-	3.30	3.30	-	6.60 (2.0-7.4)	2.04 (0.52-2.68)	3.24	4.0	4.1	A+
	9	12	-	3.30	4.00	-	7.30 (2.0-7.7)	2.43 (0.52-2.87)	3.00	4.0	4.1	A+
	9	14	-	3.22	4.68	-	7.90 (2.0-8.3)	2.38 (0.50-2.87)	3.32	4.0	4.1	A+
	9	18	-	2.84	5.16	-	8.00 (2.0-8.5)	2.32 (0.50-2.87)	3.45	4.0	4.1	A+
	12	12	-	3.80	3.80	-	7.60 (2.0-7.8)	2.54 (0.52-2.87)	2.99	4.0	4.1	A+
	12	14	-	3.59	4.31	-	7.90 (2.0-8.4)	2.37 (0.50-2.87)	3.33	4.0	4.1	A+
	12	18	-	3.20	4.80	-	8.00 (2.0-8.6)	2.31 (0.50-2.87)	3.46	4.0	4.1	A+
3-unit connection	7	7	7	2.60	2.60	2.60	7.80 (2.0-8.6)	1.94 (0.50-2.68)	4.02	5.0	4.3	A+
	7	7	9	2.52	2.52	2.96	8.00 (2.0-8.8)	2.00 (0.50-2.87)	4.00	5.2	4.2	A+
	7	7	12	2.34	2.34	3.32	8.00 (2.0-8.9)	1.99 (0.50-2.80)	4.02	5.2	4.2	A+
	7	7	14	2.16	2.16	3.68	8.00 (2.0-9.2)	1.91 (0.50-2.72)	4.19	5.2	4.2	A+
	7	7	18	1.94	1.94	4.12	8.00 (2.0-9.2)	1.89 (0.50-2.70)	4.23	5.2	4.2	A+
	7	9	9	2.38	2.81	2.81	8.00 (2.0-9.0)	1.99 (0.50-2.87)	4.02	5.2	4.2	A+
	7	9	12	2.23	2.62	3.15	8.00 (2.0-9.1)	1.98 (0.50-2.87)	4.04	5.2	4.2	A+
	7	9	14	2.06	2.42	3.52	8.00 (2.0-9.2)	1.91 (0.50-2.72)	4.19	5.2	4.2	A+
	7	9	18	1.85	2.18	3.97	8.00 (2.0-9.2)	1.89 (0.50-2.69)	4.23	5.2	4.2	A+
	7	12	1									









# 6-unit Multi-split Combination Table-Cooling

## 6-unit Multi-split cooling

AOYG45LBLA6	Combination of Indoor Unit		Cooling Operation							Input Power (min-max)	EER
			Cooling Capacity								
			Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Total Capacity (min-max)		
		kW	kW	kW	kW	kW	kW	kW	kW		
2-unit connection	12	24	-	-	-	-	-	-	10.5 (3.5-11.5)	3.06 (0.8-3.32)	3.43
	14	24	-	-	-	-	-	-	11.0 (3.5-12.1)	3.28 (0.8-3.70)	3.35
	18	18	-	-	-	-	-	-	10.0 (3.5-11.5)	2.92 (0.8-3.32)	3.42
	18	24	-	-	-	-	-	-	12.0 (3.5-13.4)	3.75 (0.8-4.46)	3.20
	24	24	-	-	-	-	-	-	12.5 (3.5-14.0)	4.01 (0.8-4.84)	3.12
	7	7	24	-	-	-	-	-	3.19 (0.8-3.70)	2.00 (0.8-2.21)	3.65
	7	9	18	-	-	-	-	-	9.5 (3.5-10.8)	2.55 (0.8-2.93)	3.73
	7	9	24	-	-	-	-	-	11.5 (3.5-12.7)	3.41 (0.8-4.08)	3.37
	7	12	18	-	-	-	-	-	10.5 (3.5-11.8)	3.02 (0.8-3.51)	3.48
	7	12	24	-	-	-	-	-	12.4 (3.5-13.7)	3.82 (0.8-4.65)	3.25
3-unit connection	7	14	14	-	-	-	-	-	10.0 (3.5-11.1)	2.81 (0.8-3.13)	3.56
	7	14	18	-	-	-	-	-	11.0 (3.5-12.4)	3.23 (0.8-3.89)	3.41
	7	14	24	-	-	-	-	-	12.5 (3.5-14.0)	3.89 (0.8-4.84)	3.21
	9	14	18	-	-	-	-	-	11.5 (3.5-12.7)	3.45 (0.8-4.27)	3.33
	9	14	24	-	-	-	-	-	12.5 (3.5-14.0)	3.88 (0.8-4.84)	3.23
	9	18	18	-	-	-	-	-	12.5 (3.5-14.0)	3.89 (0.8-4.84)	3.21
	9	18	24	-	-	-	-	-	12.5 (3.5-14.0)	3.86 (0.8-4.84)	3.24
	9	24	24	-	-	-	-	-	12.5 (3.5-14.0)	3.82 (0.8-4.84)	3.27
	12	12	12	-	-	-	-	-	10.5 (3.5-11.5)	2.98 (0.8-3.32)	3.52
	12	12	14	-	-	-	-	-	11.0 (3.5-12.1)	3.19 (0.8-3.70)	3.45
4-unit connection	12	12	18	-	-	-	-	-	12.0 (3.5-13.4)	3.65 (0.8-4.46)	3.29
	12	12	24	-	-	-	-	-	12.5 (3.5-14.0)	3.87 (0.8-4.84)	3.23
	12	14	14	-	-	-	-	-	11.5 (3.5-12.7)	3.41 (0.8-4.08)	3.37
	12	14	18	-	-	-	-	-	12.5 (3.5-14.0)	3.89 (0.8-4.84)	3.21
	12	14	24	-	-	-	-	-	12.5 (3.5-14.0)	3.86 (0.8-4.84)	3.24
	12	18	18	-	-	-	-	-	12.5 (3.5-14.0)	3.87 (0.8-4.84)	3.23
	12	18	24	-	-	-	-	-	12.5 (3.5-14.0)	3.85 (0.8-4.84)	3.25
	12	24	24	-	-	-	-	-	12.5 (3.5-14.0)	3.81 (0.8-4.84)	3.28
	14	14	14	-	-	-	-	-	12.0 (3.5-13.4)	3.65 (0.8-4.46)	3.29
	14	14	18	-	-	-	-	-	12.5 (3.5-14.0)	3.88 (0.8-4.84)	3.22

## 6-unit Multi-split cooling

AOYG45LBLA6	Combination of Indoor Unit		Cooling Operation							Input Power (min-max)	EER							
			Cooling Capacity															
			Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Total Capacity (min-max)									
		kW	kW	kW	kW	kW	kW	kW	kW									
4-unit connection	12	12	12	12	-	-	-	-	3.13	3.13	3.13	3.13	-	-	-	12.5 (3.5-14.0)	3.75 (0.8-4.84)	3.33
	12	12	12	14	-	-	-	-	3.00	3.00	3.00	3.50	-	-	-	12.5 (3.5-14.0)	3.74 (0.8-4.84)	3.34
	12	12	12	18	-	-	-	-	2.78	2.78	2.78	4.16	-	-	-	12.5 (3.5-14.0)	3.71 (0.8-4.84)	3.37
	12	12	12	24	-	-	-	-	2.50	2.50	2.50	5.00	-	-	-	12.5 (3.5-14.0)	3.68 (0.8-4.84)	3.40
	12	12	14	14	-	-	-	-	2.88	2.88	2.88	3.37	-	-	-	12.5 (3.5-14.0)	3.73 (0.8-4.84)	3.35
	12	12	14	18	-	-	-	-	2.68	2.68	2.68	4.01	-	-	-	12.5 (3.5-14.0)	3.70 (0.8-4.84)	3.38
	12	12	14	24	-	-	-	-	2.42	2.42	2.42	4.84	-	-	-	12.5 (3.5-14.0)	3.67 (0.8-4.84)	3.41
	12	12	18	18	-	-	-	-	2.50	2.50	2.50	3.75	-	-	-	12.5 (3.5-14.0)	3.68 (0.8-4.84)	3.40
	12	14	14	14	-	-	-	-	2.78	2.78	2.78	3.24	-	-	-	12.5 (3.5-14.0)	3.71 (0.8-4.84)	3.37
	12	14	14	18	-	-	-	-	2.59	2.59	2.59	3.87	-	-	-	12.5 (3.5-14.0)	3.69 (0.8-4.84)	3.39
5-unit connection	12	14	18	18	-	-	-	-	2.42	2.42	2.42	3.63	-	-	-	12.5 (3.5-14.0)	3.67 (0.8-4.84)	3.41
	7	7	7	7	7	-	-	-	2.00	2.00	2.00	2.00	2.00	-	-	10.0 (3.5-11.1)	2.67 (0.8-3.13)	4.10
	7	7	7	7	9	-	-	-	2.00	2.00	2.00	2.00	2.50	-	-	10.5 (3.5-11.8)	2.72 (0.8-3.51)	3.86
	7	7	7	7	14	-	-	-	2.00	2.00	2.00	2.00	4.00	-	-	11.5 (3.5-12.7)	3.18 (0.8-4.08)	3.62
	7	7	7	7	18	-	-	-	1.90	1.90	1.90	1.90	4.90	-	-	12.5 (3.5-14.0)	3.65 (0.8-4.84)	3.42
	7	7	7	7	24	-	-	-	1.68	1.68	1.68	1.68	5.78	-	-	12.5 (3.5-14.0)	3.61 (0.8-4.84)	3.46
	7	7	7	9	9	-	-	-	2.00	2.00	2.00	2.50	2.50	-	-	11.0 (3.5-12.4)	2.98 (0.8-3.89)	3.69
	7	7	7	9	12	-	-	-	2.00	2.00	2.00	2.50	3.50	-	-	12.0 (3.5-13.4)	3.41 (0.8-4.46)	3.52
	7	7	7	9	14	-	-	-	2.00	2.00	2.00	2.50	4.00	-	-	12.5 (3.5-14.0)	3.67 (0.8-4.84)	3.41
	7	7	7	9	18	-	-	-	1.82	1.82	1.82	2.34	4.70	-	-	12.5 (3.5-14.0)	3.64 (0.8-4.84)	3.43

Note: \*7:7000Btu/h / 9:9000Btu/h / 12:12000Btu/h / 14:14000Btu/h / 18:18000Btu/h / 24:24000Btu/h models  
 \*The above is the value for connecting with Wall Mounted type.  
 \*2 or more indoor units should be connected.  
 \*Cooling capacity is based on 27°CDB/19°CWB (indoor temperature), 35°CDB (outdoor temperature).  
 \*Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)  
 \*The Total ability of connected indoor unit is up to 62000Btu from 34000Btu.

# 6-unit Multi-split Multi Combination Table-Cooling/Heating

## 6-unit Multi-split cooling

AOYG45LBLA6	Combination of Indoor Unit							Cooling Operation						Input Power (min-max)	EER	
								Cooling Capacity								Total Capacity (min-max)
								Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6			
7	7	7	7	7	7	7	2.00	2.00	2.00	2.00	2.00	2.00	12.0 (3.5-13.4)	3.32 (0.8-4.46)	3.61	

Note: •7:7000Btu/h / 9:9000Btu/h / 12:12000Btu/h / 14:14000Btu/h / 18:18000Btu/h / 24:24000Btu/h models  
 •The above is the value for connecting with Wall Mounted type.  
 •2 or more indoor units should be connected.  
 •Cooling capacity is based on 27°CDB/19°CWB (indoor temperature), 35°CDB (outdoor temperature).  
 •Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)  
 •The Total ability of connected indoor unit is up to 62000Btu from 34000Btu.

## 6-unit Multi-split heating

AOYG45LBLA6	Combination of Indoor Unit							Heating Operation						Input Power (min-max)	COP	
								Heating Capacity								Total Capacity (min-max)
								Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6			
12	14	18	24	24	24	24	4.07	8.13	-	-	-	-	12.2 (3.5-13.1)	3.41 (0.7-3.54)	3.58	



# 8-unit Multi-split Combination Table-Cooling

## 8-unit Multi-split cooling

AOYG45LBT8	Combination of Indoor Unit		Cooling Operation											Input power								
			Cooling Capacity									Total	kW									
			Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8												
2-unit connection		24	24	-	-	-	-	-	-	-	-	-	7.03	7.03	-	-	-	-	-	-	14.06	5.20
3-unit connection		12	12	12	-	-	-	-	-	-	-	-	3.52	3.52	3.52	-	-	-	-	-	10.56	5.50
4-unit connection		7	7	7	7	-	-	-	-	-	-	-	2.05	2.05	2.05	2.05	-	-	-	-	8.20	5.89

Note: •Cooling capacity is based on 27°CDB/19°CWB (indoor temperature), 35°CDB (outdoor temperature)  
 •Pipe Length: 5 m (Outdoor unit to Branch box), 3 m (Branch box to Indoor unit)  
 •Height difference: 0 m (Outdoor unit to Indoor unit)  
 •The values in this table should be used only as a guide. These values are calculated at standard conditions.  
 To fix your selection of models, select them according to "Model Selection" in the D&T manual.  
 \*1: LMC type is not available for this combination.

## 8-unit Multi-split cooling

AOYG45LBT8	Combination of Indoor Unit		Cooling Operation											Input power								
			Cooling Capacity									Total	kW									
			Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8												
2-unit connection		7	7	14	18	-	-	-	-	-	-	-	2.05	2.05	4.10	5.27	-	-	-	-	13.47	4.89
3-unit connection		12	12	12	12	-	-	-	-	-	-	-	3.09	3.09	3.09	3.09	-	-	-	-	12.36	5.89
4-unit connection		7	7	7	7	7	-	-	-	-	-	-	2.05	2.05	2.05	2.05	2.05	-	-	-	8.20	5.89
5-unit connection		7	7	7	7	7	7	-	-	-	-	-	2.05	2.05	2.05	2.05	2.05	-	-	-	8.20	5.89
6-unit connection		7	7	7	7	7	7	7	-	-	-	-	2.05	2.05	2.05	2.05	2.05	2.05	-	-	8.20	5.89

Note: •Cooling capacity is based on 27°CDB/19°CWB (indoor temperature), 35°CDB (outdoor temperature)  
 •Pipe Length: 5 m (Outdoor unit to Branch box), 3 m (Branch box to Indoor unit)  
 •Height difference: 0 m (Outdoor unit to Indoor unit)  
 •The values in this table should be used only as a guide. These values are calculated at standard conditions.  
 To fix your selection of models, select them according to "Model Selection" in the D&T manual.







# Feature Explanation & Summary

Type	Series	Wall Mounted					Wall Mounted		Cassette			Duct					Floor	Floor/ Ceiling	Ceiling			
		Designer Series	Standard Series	Designer Series	Standard Series	Standard Series	Standard Series	Compact 4-way Flow Grid type Series	Compact 4-way Flow Series	4-way Flow Series	Mini (With drain pump)	Slim (With drain pump)		Medium Static Pressure								
Model No.		ASYG 07/09/12/14 KGTB	ASYG 07/09/12/14 KETA, ASYG 07/09/12/14 KETA-B	ASYG 07/09/12/14 KMCC	ASYG 07/09/12/14 LUCA	ASYG 07/09/12/14 LMCE	ASYG 18LFLCA, ASYG 24LFCC	ASYG 07/09/12/14 KMCC	AUXG 07/09/12/14/18/22/24 KVLA	AUYG 07/09/12/14/18 LVLB, AUYG 22/24LVLA	AUYG 30/36LRLE, AUYG 36/45LRLA	ARXG 07/09/12/14 KSLAP	ARYG 07/09/12/14/18 LSLAP	ARXG 07/09/12/14/18 KLLAP	ARYG 07/09/12/14/18 LLTB	ARXG 22/24KMLA	ARYG 22/24/36/45 LMLA, ARYG 30/36LMLE	AGYG 09/12/14 LVCA	ABYG 14/18LVTB, ABYG 22/24LVTA	ABYG 30/36LRTE, ABYG 36/45LRTA		
Refrigerant																						
Energy Saving Function	Save human sensor	Human sensor detects the movement of people in the room and judges whether the energy saving operation.	●																			
	Economy mode	Thermostat setting automatically changes according to the temperature to avoid unnecessary cooling and heating.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Room temperature set point limitation	The minimum and maximum temperature range can be set giving further energy saving while considering the comfort of the occupants.	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Set temperature auto return	The setting temperature automatically returns to the previously set temperature.	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Comfortable Function	Power diffuser	An additional louver that opens based on monitoring sensors to quickly enhance immediate comfort needs					●															
	Powerful mode	Operation at maximum air flow and compressor speed, and quickly makes the room comfortable.	●	●	●	●	●	●														
	10°C HEAT operation	The room temperature can be set to go no lower than 10°C, thus ensuring that the room does not get too cold when not occupied.	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○
	Low noise mode	Sound noise level of outdoor unit can be selected.	●	●	●	●	●	●														
	Auto-changeover	The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Up/down swing flaps	The up/down flaps automatically swing up and down.	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○
	Double swing automatic	Complex swing action of flaps enables automatically to swing both horizontal and vertical directions.							●													
	Automatic fan speed	The micro-computer automatically adjusts the airflow effectively to follow the changes of room temperature.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Auto restart	In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once power supply is restored.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Connectable fresh air duct	Outside air can be introduced by attaching Locally purchased duct to fresh air knockout and optional part.								○	●					●	●				●	
	Fresh air intake	Fresh air can be taken in by a fan which can be connected using external control unit.								○	○				○	○	○	○			○	
	Connectable distributing duct	Systems are capable of attaching Locally purchased branch ducts distributing the airflow.														●	●					
Convenient Function	Auto off timer	Automatically stops operation when a fixed time has elapsed from the start of operation.	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	Sleep timer	The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	
	Program timer	This digital timer allows selection of one of four options: ON, OFF, ON + OFF or OFF + ON.	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	
	Weekly timer	Different ON-OFF times can be set for each day.	●	●	○	●						●	●									
	Weekly + setback timer	Weekly + Setback timer can set temperature for two times spans and for each day of the week.	○	○	○	○	○							●	●	●	●	○	○	○	○	
	Filter sign	Indicates the filter cleaning period by lamp.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	External error output		○	○	○	○	○					○	○									
	External ON/OFF input		○	○	○	○	○					○	○									
Clean Function	Wireless LAN control	The exclusive Wireless LAN adaptor enables to operate the air conditioner by smartphone or tablet PC from outside.	○	○	○	○	○					○	○	○	○	○	○	○	○	○	○	
	Ion deodorization filter	The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine-particle ceramic.	○	○	○	●	●														●	
	Apple-catechin filter	The Apple-catechin filter uses static electricity to clean fine particles and dust in the air.	○	○	○	●	●														●	
	Long life filter															○	○				●	
Installation	Washable panel	Since the front panel is easy to remove, maintenance is also easy.					●															
	Drain pump as standard								●	●	●	●	●	●	○	○					○	
	Blue fin																				●	

○ : Optional function