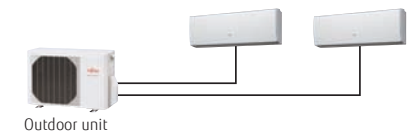
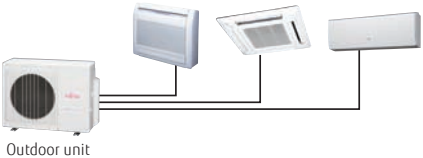
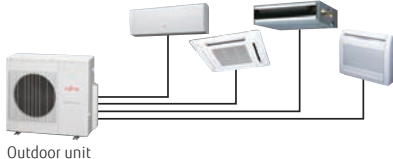
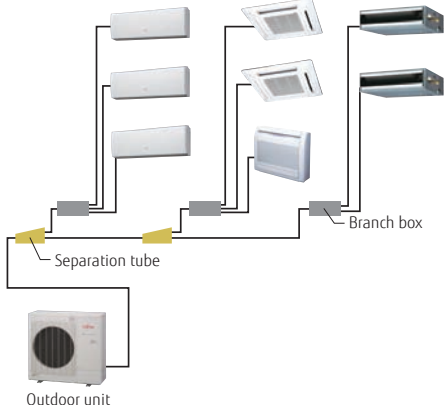


MULTI SPLIT



2-8 Rooms Multi Type Lineup

		Indoor unit					
Model No.		14	18		24	30	45
Cooling rated capacity(kW)		4	5	5.4	6.8	8	14
2 Rooms Multi Up to 2 units	 Outdoor unit	● AOYG14LAC2	● AOYG18LAC2				
3 Rooms Multi Up to 3 units	 Outdoor unit			● AOYG18LAT3	● AOYG24LAT3		
4 Rooms Multi Up to 4 units	 Outdoor unit					● AOYG30LAT4	
8 Rooms Multi Up to 8 units	 Outdoor unit						● AOYG45LBT8

- Note :
- 1. 2 Rooms Multi : Connectable indoor units are 2 units.
AOYG14LAC2: Total capacity of indoor units connected must be between 4.0 kW and 6.2 kW.
AOYG18LAC2: Total capacity of indoor units connected must be between 4.0 kW and 7.0 kW.
 - 2. 3 Rooms Multi : 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 Rooms Multi : Connectable indoor units are 3 to 4 units.
AOYG30LAT4: Total capacity of indoor units connected must be between 7.9 kW and 14.4 kW.
 - 4. 8 Rooms Multi : Connectable indoor units are 2 to 8 units.
AOYG45LBT8: Total capacity of indoor units connected must be between 11.2 kW and 18.2 kW.

Connectable Indoor unit line-up

Outdoor Unit	Type		2 Rooms		3 Rooms		4 Rooms	8 Rooms
	Model name		AOYG14LAC2	AOYG18LAC2	AOYG18LAT3	AOYG24LAT3	AOYG30LAT4	45AOYG45LBT8
								
	Capacity (kW)	Heating Cooling	4.0 4.4	5.0 5.6	5.4 6.8	6.8 8.0	8.0 9.6	14.0 16.0

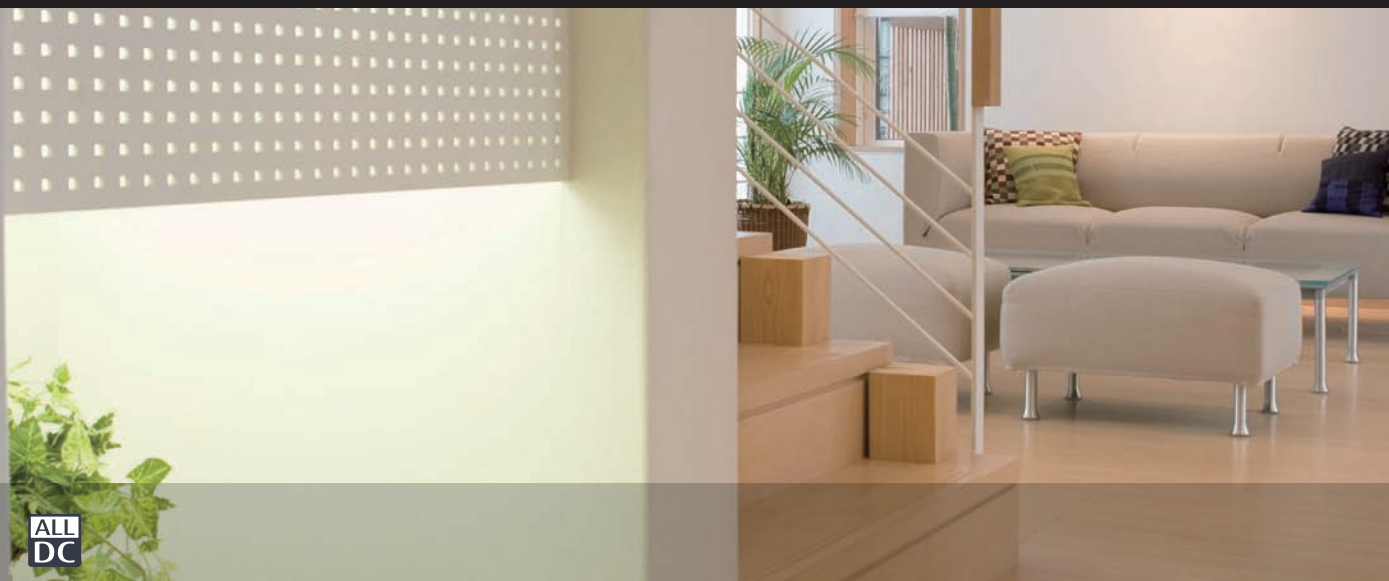
Indoor Unit	BTU	kW Class								
 ASYG07/09/12/14LM	7000	2.0	●	●	●	●		●		●
	9000	2.5	●	●	●	●		●		●
 ASYG07/09/12/14LU	12000	3.5	●	●	●	●		●		●
	14000	4.0	—	●	●	●		●		●
 ASYG18/24LF	18000	5.0	—	—	—	●		●		●
	24000	7.0	—	—	—	—		●		●
 AGYG09/12/14LV	9000	2.5	—	●	●	●		●		●
	12000	3.5	—	●	●	●		●		●
	14000	4.0	—	—	●	●		●		●
 AUYG07/09/12/14/18LV	7000	2.0	—	●	●	●		●		●
	9000	2.5	—	●	●	●		●		●
	12000	3.5	—	●	●	●		●		●
	14000	4.0	—	—	●	●		●		●
	18000	5.0	—	—	—	●		●		●
 ABYG14/18LV	14000	4.0	—	—	●	●		●		●
	18000	5.0	—	—	—	●		●		●
 ARYG07/09/12/14/18LL	7000	2.0	—	●	●	●		●		●
	9000	2.5	—	●	●	●		●		●
	12000	3.5	—	●	●	●		●		●
	14000	4.0	—	—	●	●		●		●
	18000	5.0	—	—	—	●		●		●

Indoor unit features

																		
ASYG07/09/12/14LM	●	●	●	●	●		●	●			●	●		○	●	●	●	●
ASYG07/09/12/14LU	●		●	●	●		●	●			●	●	●	○	●	●	●	●
ASYG18/24LF	●		●	●		●	●	●			●	●		○	●	●	●	
AGYG09/12/14LV	●		●	●	●		●	●			●	●		○	●	●	●	●
AUYG07/09/12/14/18LV	●		●	●	●		●	●	○	○	●	●		○	●			
ABYG14/18LV	●		●	●		●	●	●		○	●	●		○	●			
ARYG07/09/12/14/18LL	●		○	●	○		●	●		○	○	○		●	●			

○: Optional function

2 & 3-4 Rooms Multi



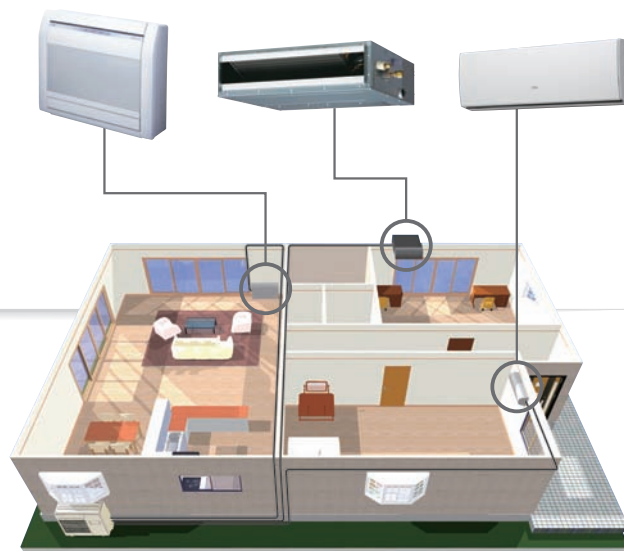
Features

Wide range of indoor units with various models

7 types 25 models are lined up in the capacity range from 2 kW to 7 kW class. Wide range of needs can be met from rooms of private homes to 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.

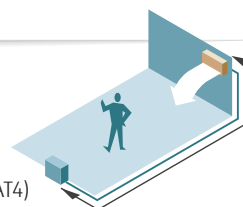


Flexible installation

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

Max. Piping Length (Each Unit):

20 m (AOYG14LAC2 / 18LAC2),
25 m (AOYG18LAT3 / 24LAT3 / 30LAT4)



Max. Height:

15 m (AOYG14LAC2/18LAC2/18LAT3/24LAT3/30LAT4)



Total Piping Length:

30 m (AOYG14LAC2 / 18LAC2),
50 m (AOYG18LAT3 / 24LAT3),
70 m (AOYG30LAT4)

2 Rooms: AOYG14LAC2 / AOYG18LAC2
3 Rooms: AOYG18LAT3 / AOYG24LAT3
4 Rooms: AOYG30LAT4



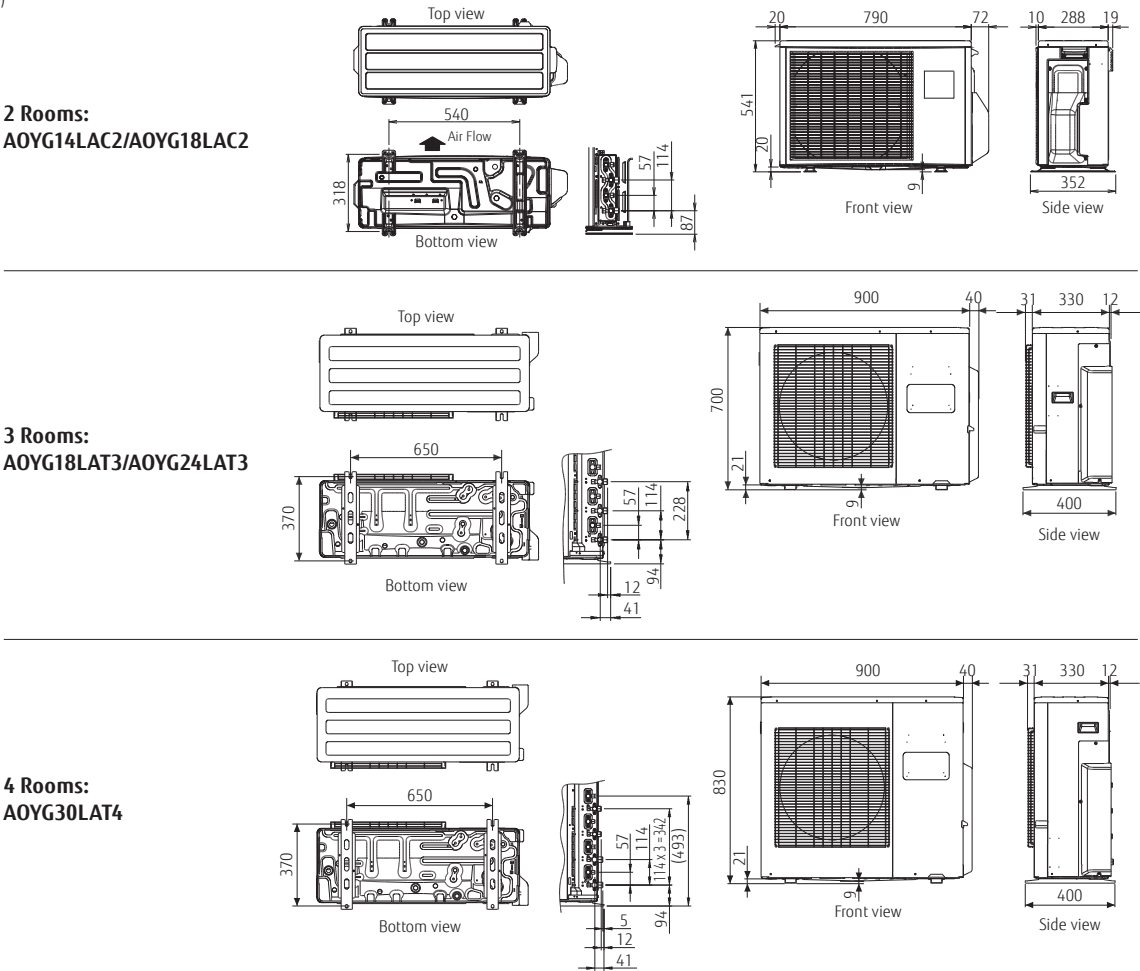
Specifications (2 ROOMS, 3 ROOMS, 4 ROOMS)

Model No.		Outdoor unit	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 (2.0-8.8)	9.6 (3.7-12.0)
EER	Cooling	W/W	3.67	3.21	4.00	3.51	3.60
COP	Heating		4.27	3.97	4.20	4.00	4.00
Sound Pressure Level (High)	Cooling	dB(A)	47	50	46	48	50
	Heating		49	51	47	49	51
Sound Power Level (High)	Cooling		61	63	65	68	68
	Heating		63	64	67	70	70
Net Dimensions H × W × D		mm	540×790×290	540×790×290	700×900×330	700×900×330	830×900×330
Weight		kg(lbs)	37 (82)	38 (84)	55 (121)	55 (121)	68 (150)
Connection Pipe Diameter		Liquid	Ø6.35×2	Ø6.35×2	Ø6.35×3	Ø6.35×3	Ø6.35×4 (*Ø6.35×3, Ø9.52)
		Gas	9.52 × 2	9.52 × 2 *(9.52, 12.7)	9.52 × 2, 12.7 *(9.52 × 3)	9.52 × 2, 12.7 *(9.52 × 3)	9.52 × 2, 12.7 × 2 *(9.52 × 3, 12.7) *(9.52 × 2, 12.7, 15.88)
Max. Pipe Length		Total / Each	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	g	1,250	1,300	2,200	2,200	3,300

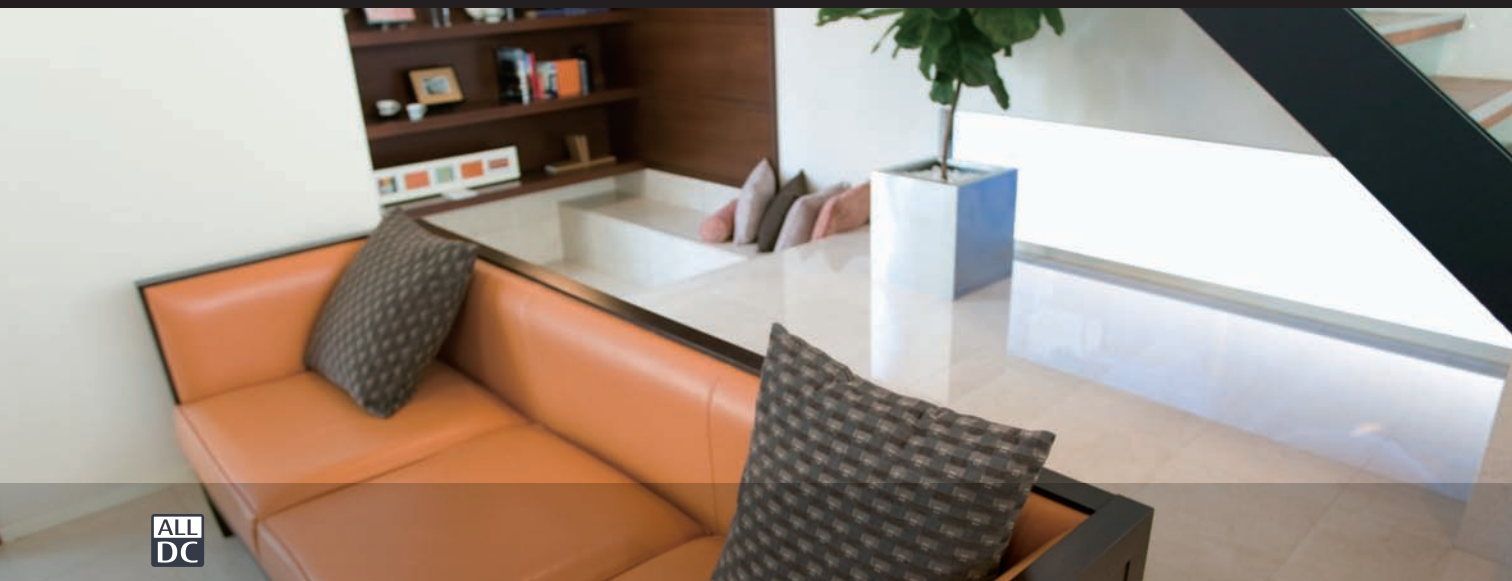
* Connect to connection valve by the adapter.

Dimensions

(Unit : mm)



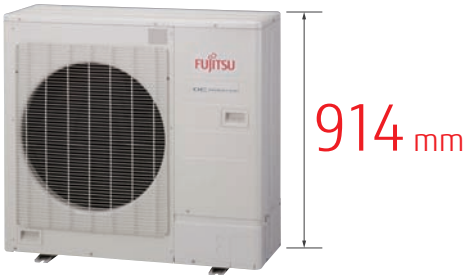
8 Rooms Multi



Features

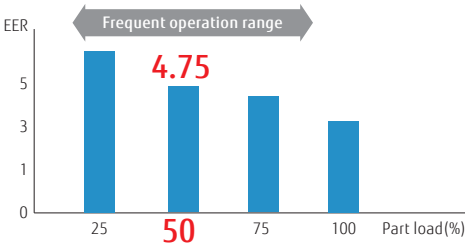
Compact outdoor unit

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:
New high efficiency fan is mounted.



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



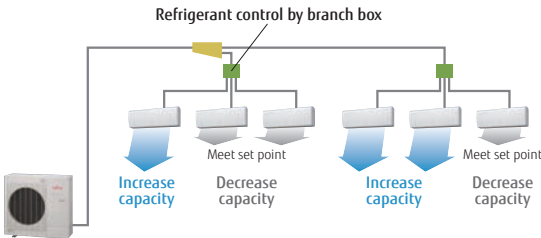
Heat exchanger:
Reduced compact size and energy saving has been realized by utilizing high density piping design and 3-Row heat exchanger.



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.



Central Remote Controlle

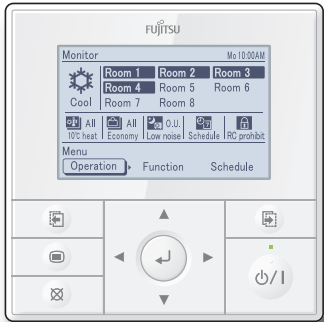
Max. Controllable

1 multi system

Max. Controllable

8 indoor units

Central remote controller developed for residential applications. All indoor units can be batched controlled using simple operations. Schedule management and other functions can be used to achieve even greater energy savings.



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.

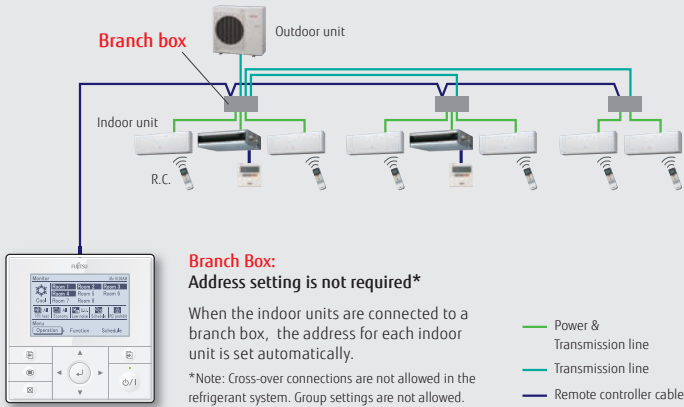
Multiple language support

Corresponds to 9 different languages (English, German, French, Spanish, Russian, Portuguese, Italian, Greek, and Turkish)

Easy-To-Use operation

- Large backlight LED screen
- Large easy-to-see operation panel

System configuration



Central Remote Controller Functions

10°C heat operation

When you leave, minimum heating operation is performed to maintain the room temperature (maintain at 10°C).

Economy operation

Economy operation is energy saving, as the set temperature of indoor unit is shifted by 1°C and the maximum electric value of the outdoor unit is suppressed.

Weekly schedule timer

The ON/OFF setting can be set for 4 times a day. Two weekly patterns can be set to match the cooling and heating seasons.

Low noise operation

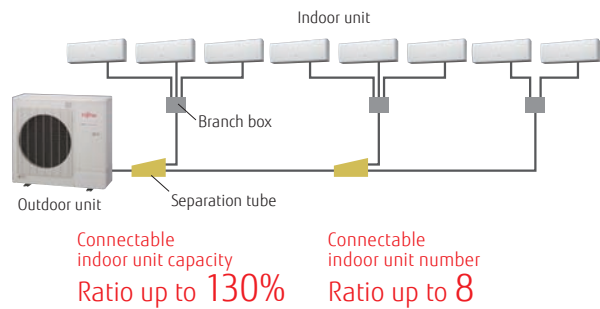
Users can choose from 4 low noise levels, depending on the installation environment. The operation time can be set using the timer.

Prohibited Settings

The remote controller operation of all indoor units comes with a lock function to prevent unapproved operations in the various rooms. The central remote controller also has a key lock function to prevent children from playing with it, etc

Large capacity connection

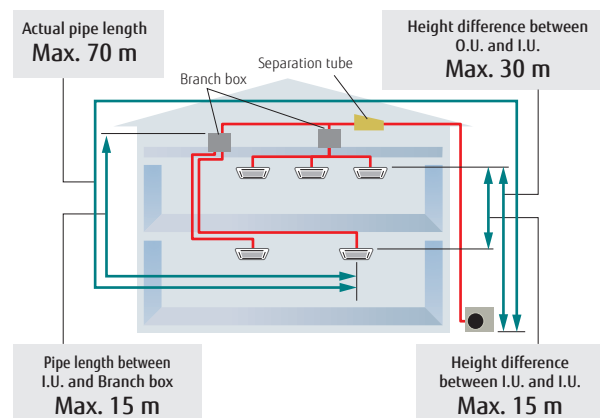
Up to 8 indoor units can be connected to one outdoor unit.
A maximum of 130% indoor unit connectable capacity.
Match any room layout.



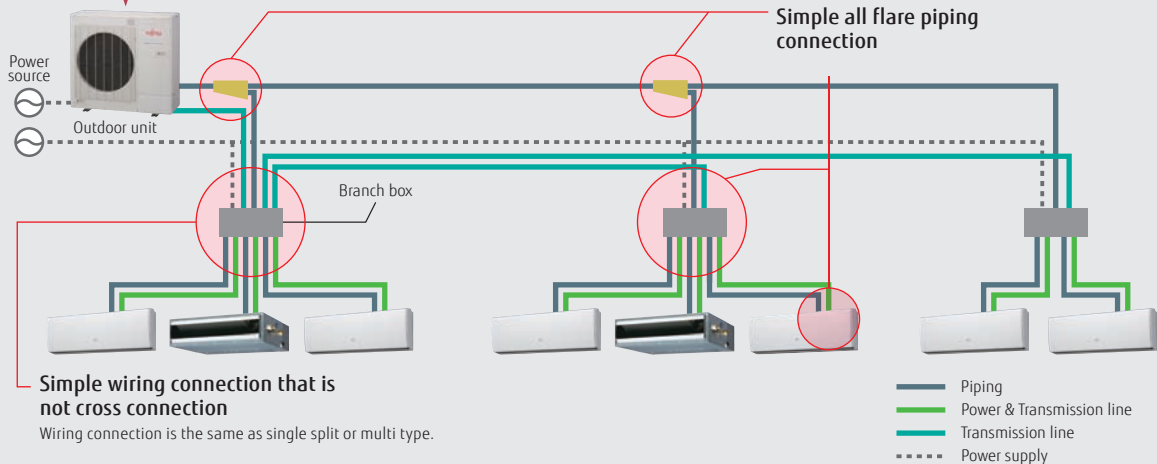
Long piping design

Can be installed in high rise condominiums or commercial buildings.

Total pipe length
Max. 115 m

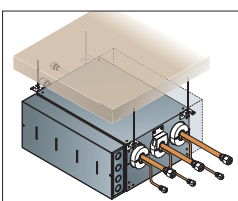


Wiring mistake automatic check function
The check operation detects wiring mistakes in advance.

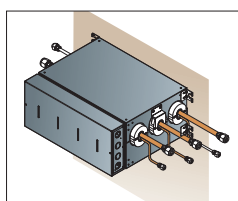


Branch Box can be mounted flexibly.

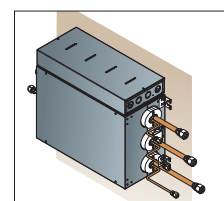
Allowed Branch Box Mounting Direction



Hanging from the ceiling
Do not hang from the ceiling when performing a vertical installation.



Horizontal Wall Mounting
Install the unit with its top side facing upwards.



Vertical Wall Mounting
Install the unit with the control box facing upwards.

8 Rooms: AOYG45LBT8



Specifications

Model Name			AOYG45LBT8	
Maximum Connectable Indoor Unit			8	
Indoor Unit Connectable Capacit	Cooling	kW	11.2 - 18.2	
Power source			Single-phase, ~230V, 50Hz	
Rated Capacity	Cooling	kW	14.0	
	Heating		16.0	
Input Power	Cooling	kW	5.20	
	Heating		5.07	
Airflow rate	Cooling	m³/h	4,650	
	Heating		4,800	
Sound Pressure Level	Cooling	dB(A)	56	
	Heating		58	
Heat Exchanger Fin			Plate fin coil	
Net Dimensions H × W × D		mm	914 ×970×370	
Weight		kg(lbs)	98 (217)	
Connection Pipe Diameter (Liquid / Gas)		mm	9.52/15.88	
Max Pipe Length		m	115 (Total)	
Max Height Difference (O.U ~ I.U)			30	
Operating Range	Cooling	°CDB	-5 to 46	
	Heating		-15 to 24	
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	
	Charge	g	3,450	

Model Name			UTP-PY03A	UTP-PY02A
Connectable Indoor Unit			1 to 3 Units	1 to 2 Units
Power source			230/1/50	230/1/50
Available Voltage Range			198-264V	198-264V
Powwer Consumption	W		10	10
Running Currrent	A		0.05	0.05
Net Dimensions H × W × D		mm	195×433×370	195×433×370
Weight		kg(lbs)	9 (20)	9 (20)
Connection pipe diameter	Liquid	°CDB	Main: 9.52×1, Branch:6.35×3	Main: 9.52×1, Branch:6.35×2
	Gas		Main: 15.88×1, Branch:12.7×3	Main: 15.88×1, Branch:12.7×2
	Method		Flare	Flare

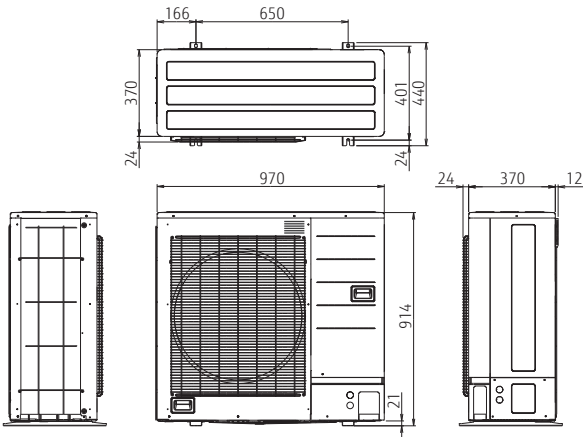
Note: Specifications are based on the following conditions.

- 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: 5m (Outdoor unit - Branch box), 3m (Branch box - Indoor unit) Height difference : 0m

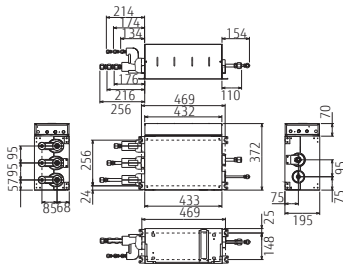
Dimensions

(Unit : mm)

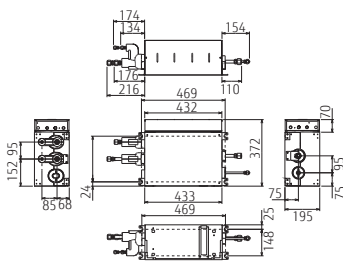
Outdoor Unit:
AOYG45LBT8



Branch Box :
UTP-PY03A (3 branches type)



Branch Box :
UTP-PY02A (2 branches type)



Specifications of All Indoor Units

Compact wall mounted



Model No.	Indoor unit			ASYG07LUCA	ASYG09LUCA	ASYG12LUCA	ASYG14LUCA
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)	35/30/28/21	36/32/28/21	37/34/31/21	41/36/33/25
	Heating			35/30/28/21	36/32/28/21	37/34/31/21	41/36/34/27
Sound Power Level	Cooling	H	dB(A)	53	54	55	59
	Heating			53	54	55	59
Airflow Rate	Cooling	H/M/L/Q	m³/h	570/520/470/330	600/550/470/330	660/600/530/330	710/640/570/390
	Heating			570/520/470/330	600/550/470/330	660/600/530/330	710/640/590/430
Net Dimensions			mm	282×870×185	282×870×185	282×870×185	282×870×185
Weight			kg(lbs)	9.5 (21)	9.5 (21)	9.5 (21)	9.5 (21)
Connection Pipe Diameter		Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.7

Wall mounted



Model No.	Indoor unit			ASYG07LMCA	ASYG09LMCA	ASYG12LMCA	ASYG14LMCA	ASYG18LFCA	ASYG24LFCC
kW Class		kW		2.0	2.5	3.5	4.0	5.0	7.0
Power Source				Single-phase, ~230V, 50Hz					
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	36/32/29/21	37/33/29/21	40/36/30/21	42/38/33/25	43/37/33/26	49/42/37/33
	Heating			36/32/29/22	37/33/29/22	40/36/31/22	42/38/35/27	42/37/33/25	48/42/37/33
Sound Power Level	Cooling	H	dB(A)	51	52	54	56	58	64
	Heating			51	52	55	57	58	64
Airflow Rate	Cooling	H/M/L/Q	m³/h	560/500/430/310	600/520/430/310	660/560/450/310	730/600/530/360	900/740/620/550	1120/900/740/620
	Heating			560/500/430/330	600/520/430/330	660/560/470/330	730/615/560/375	900/740/620/550	1100/900/740/620
Net Dimensions			mm	268×840×203	268×840×203	268×840×203	268×840×203	320×998×238	320×998×238
Weight			kg(lbs)	8.5 (19)	8.5 (19)	8.5 (19)	8.5 (19)	14 (30.8)	14 (30.8)
Connection Pipe Diameter		Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.7	6.35/12.7	Ø6.35/Ø15.88

Floor



Model No.	Indoor unit			AGYG09LVCA	AGYG12LVCA	AGYG14LVCA
kW Class		kW		2.5	3.5	4.0
Power Source				Single-phase, ~230V, 50Hz		
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	39/34/28/22	42/36/30/22	44/38/31/22
	Heating			39/35/30/22	42/38/32/22	44/39/33/22
Sound Power Level	Cooling	H	dB(A)	52	55	56
	Heating			52	55	56
Airflow Rate	Cooling	H/M/L/Q	m³/h	530/440/360/270	600/490/380/270	650/520/400/270
	Heating			530/460/380/270	600/510/410/270	650/540/430/270
Net Dimensions			mm	600×740×200	600×740×200	600×740×200
Weight			kg(lbs)	14 (30.7)	14 (30.7)	14 (30.7)
Connection Pipe Diameter		Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/12.7

Floor ceiling



Model No.	Indoor unit			ABYG14LVTA	ASYG14LUCA
kW Class		kW		4.0	5.0
Power Source				Single-phase, ~230V, 50Hz	
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	36/34/33/29 (Under ceiling) 39/37/36/32 (Floor console)	41/38/34/32 (Under ceiling) 44/41/37/35 (Floor console)
	Heating			36/34/33/29 (Under ceiling) 39/37/36/32 (Floor console)	41/38/34/32 (Under ceiling) 44/41/37/35 (Floor console)
Sound Power Level	Cooling	H	dB(A)	51	55
	Heating			51	55
Airflow Rate	Cooling	H/M/L/Q	m³/h	640/590/540/480	780/700/560/500
	Heating			640/590/540/480	780/700/560/500
Net Dimensions			mm	199×990×655	
Weight			kg(lbs)	27 (60)	
Connection Pipe Diameter		Liquid/Gas	mm	6.35/12.7	

Compact cassette



Model No.	Indoor unit			AUYG07LVLA	AUYG09LVLA	AUYG12LVLB	AUYG14LVLB	AUYG18LVLB
kW Class			kW	2.0	2.5	3.5	4.0	5.0
Power Source				Single-phase, ~230V, 50Hz				
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	33/31/29/27	33/31/29/27	37/33/31/28	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	H	dB(A)	46	46	49	52	54
	Heating			47	47	49	52	56
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	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	245×570×570	245×570×570	245×570×570	245×570×570	245×570×570
Weight			kg(lbs)	15(33.1)	15 (33.1)	15 (33.1)	15 (33.1)	15 (33.1)
Panel				UTG-UFYD-W				
Connection Pipe Diameter		Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.7	6.35/12.7

Slim duct



Model No.	Indoor unit			ARYG07LLTA	ARYG09LLTA	ARYG12LLTB	ARYG14LLTB	ARYG18LLTB
kW Class		kW		2.0	2.5	3.5	4.0	5.0
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	32/31/30/29
	Heating			28/26/25/24	28/26/25/24	29/28/27/24	33/30/28/25	33/32/31/29
Sound Power Level	Cooling	H	dB(A)	57	57	58	60	58
	Heating			57	57	58	61	59
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	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	198×700×620	198×700×620	198×700×620	198×700×620	198×900×620
Weight			kg(lbs)	17 (37.5)	19 (41.8)	19 (41.8)	19 (41.8)	23 (50.6)
Connection Pipe Diameter		Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.7	6.35/12.7
External static pressure				0 to 90				
Drain pump				Standard				

NEW

Simultaneous Multi Twin / Triple

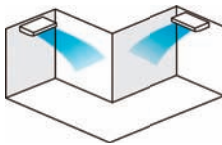


Features

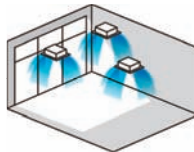
Can support various installation scenes from office to commercial space by same place multi connection of up to 3 units.

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

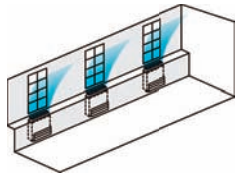
Installation according to floor layout



Installation according to lighting conditions

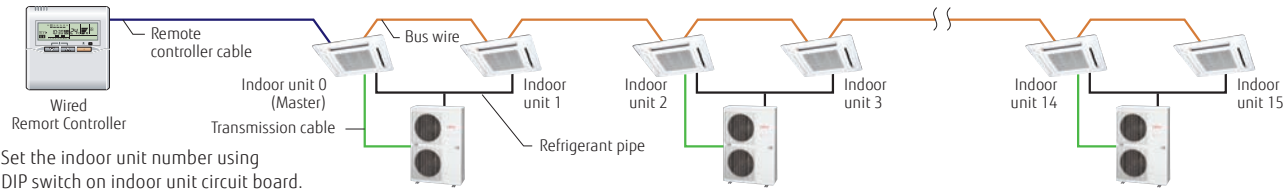


Installation according to layout and lighting conditions



Simultaneous control

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



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

Simultaneous Operation Multi type Indoor Unit Line up

	Twin			Triple
	18x2	22x2	24x2	18x3
Cassette	AUYG18LV×2	AUYG22LV×2	AUYG24LV×2	AUYG18LV×3
Duct	ARYG18LL×2	ARYG22LM×2	ARYG24LM×2	ARYG18LL×3
Ceiling	ABYG18LV×2	ABYG22LV×2	ABYG24LV×2	ABYG18LV×3
Outdoor unit	AOYG36LBTB / AOYG36LATT	AOYG36LATT / AOYG45LATT	AOYG45LBTB / AOYG54LATT	

Model : AOYG36LBTB / AOYG45LBTB / AOYG54LBTB **NEW**
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	
Power Source				Single-phase, ~230V, 50Hz					Single-phase, ~230V, 50Hz				
Airflow Rate (High)		Cooling	H/M/L/Q	m³/h	1100/910/750/580		1100/910/750/580		780/700/560/500		980/820/680/540		
Net Dimension H × W × D				mm	270 × 1135 × 700		270 × 1135 × 700		199 × 990 × 655		199 × 990 × 655		
Weight				kg(lbs)	38 (84)		38 (84)		27 (60)		27 (60)		

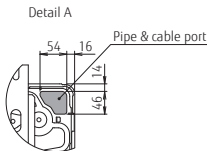
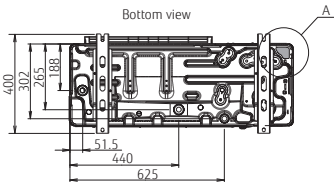
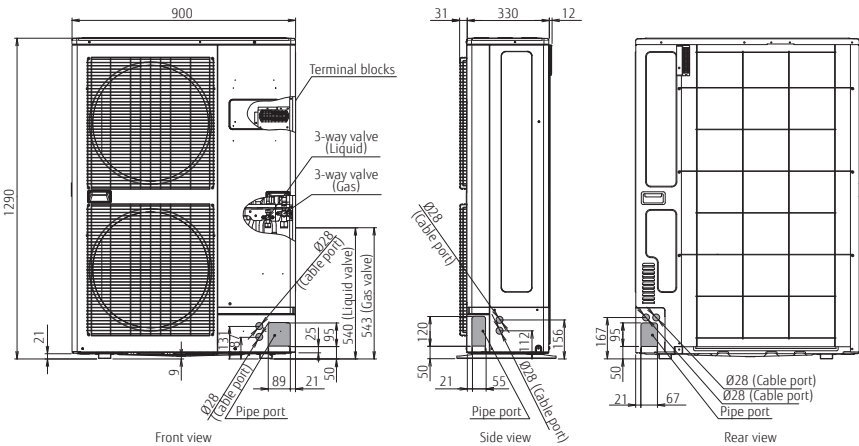
Model No.		Outdoor unit		AOYG36LBTB		AOYG45LBTB		AOYG54LBTB		AOYG36LATT		AOYG45LATT		AOYG54LATT					
				Capacity		Cooling		kW		10.0		12.1		13.3		10.0		12.5	
				Heating		kW		11.2		14.0		15.0		11.2		14.0		16.0	
Power Source				Single-phase, ~230V, 50Hz								3-phase, ~400V, 50Hz							
Pdesign		Cooling		kW	10.0		-		-		10.0		-		-				
		Heating (-10°C)			10.0		-		-		10.0		-		-				
SEER		Cooling		W/W	5.56		-		-		6.00		-		-				
SCOP		Heating			3.90		-		-		4.00		-		-				
Annual Energy Consumption		Cooling		kWh/a	629		-		-		583		-		-				
		Heating			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			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)				mm	75(30)		75(30)		75(30)		75(30)		75(30)		75(30)				
Height Difference				m	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			-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		g		3,450		3,450		3,450		3,450		3,450					
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)

Outdoor Unit: AOYG36LBTB / AOYG36LATT / AOYG45LBTB / AOYG45LATT /
AOYG54LBTB / AOYG54LATT



Multi Combination Table

2 Rooms Multi cooling

AOYG14LAC2	Combination of Indoor Unit		COOLING OPERATION							
			Cooling Capacity			Input Power (min-max)	EER	Seasonal Data		
			Room 1	Room 2	Total Capacity (min-max)			Pdesign	SEER	Energy efficiency class
2 Room			kW	kW	kW	kW		kW		
	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 a indoor unit is up to 21000Btu from 14000Btu.

AOYG18LAC2	Combination of Indoor Unit		COOLING OPERATION							
			Cooling Capacity			Input Power (min-max)	EER	Seasonal Data		
			Room 1	Room 2	Total Capacity (min-max)			Pdesign	SEER	Energy efficiency class
			kW	kW	kW	kW		kW		
2 Room	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 a indoor unit is up to 24000Btu from 14000Btu.
- Where "14" means "wall mounted type" only models. Other types of indoor units can not be connected.

3 Rooms Multi cooling

AOYG18LAT3	Combination of Indoor Unit			COOLING OPERATION								
				Cooling Capacity				Input Power (min-max)	EER	Seasonal Data		
				Room 1	Room 2	Room 3	Total Capacity (min-max)			Pdesign	SEER	Energy efficiency class
2 Room	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++
	12	14	-	2.41	2.89	-	5.30 (1.8 - 6.7)	1.35 (0.50 - 2.06)	3.93	5.3	6.1	A++
	3 Room	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
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++

AOYG24LAT3				Combination of Indoor Unit		COOLING OPERATION								
						Cooling Capacity				Input Power (min-max)	EER	Seasonal Data		
						Room 1	Room 2	Room 3	Total Capacity (min-max)			Pdesign	SEER	Energy efficiency class
						kW	kW	kW	kW			kW		
2 Room	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+		
	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++		
3 Room	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.

2 Rooms Multi heating

A0YG14LAC2	Combination of Indoor Unit		HEATING OPERATION							
			Heating Capacity			Input Power (min-max)	EER	Seasonal Data		
			Room 1	Room 2	Total Capacity (min-max)			Pdesign	SEER	Energy efficiency class
2 Room			kW	kW	kW	kW		kW		
	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 a indoor unit is up to 21000Btu from 14000Btu.

AOYG18LAC2	Combination of Indoor Unit		HEATING OPERATION							
			Heating Capacity			Input Power (min-max)	EER	Seasonal Data		
			Room 1	Room 2	Total Capacity (min-max)			Pdesign	SEER	Energy efficiency class
2 Room			kW	kW	kW	kW		kW		
	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 a indoor unit is up to 24000Btu from 14000Btu.
- Where "14" means "wall mounted type" only models. Other types of indoor units can not be connected.

3 Rooms Multi heating

AOYG18LAT3	Combination of Indoor Unit			HEATING OPERATION								
				Heating Capacity				Input Power (min-max)	EER	Seasonal Data		
				Room 1	Room 2	Room 3	Total Capacity (min-max)			Pdesign	SEER	Energy efficiency class
				kW	kW	kW	kW	kW	kW	kW	kW	kW
2 Room	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 Room	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+

A0YG24LAT3	Combination of Indoor Unit			HEATING OPERATION								
				Heating Capacity				Input Power (min-max)	EER	Seasonal Data		
				Room 1	Room 2	Room 3	Total Capacity (min-max)			Pdesign	SEER	Energy efficiency class
				kW	kW	kW	kW					
2 Room	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 Room	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	12	2.08	2.96	2.96	8.00 (2.0 - 9.1)	1.97 (0.50 - 2.87)	4.06	5.2	4.2	A+
	7	12	14	1.93	2.76	3.31	8.00 (2.0 - 9.2)	1.90 (0.50 - 2.70)	4.21	5.2	4.2	A+
	9	9	9	2.67	2.67	2.67	8.00 (2.0 - 9.1)	1.98 (0.50 - 2.87)	4.04	5.2	4.2	A+
	9	9	12	2.49	2.49	3.02	8.00 (2.0 - 9.2)	1.97 (0.50 - 2.87)	4.06	5.2	4.2	A+
	9	9	14	2.32	2.32	3.37	8.00 (2.0 - 9.2)	1.89 (0.50 - 2.70)	4.23	5.2	4.2	A+
	9	9	18*	2.10	2.10	3.81	8.00 (2.0 - 9.2)	1.87 (0.50 - 2.68)	4.28	5.2	4.2	A+
	9	12	12	2.34	2.83	2.83	8.00 (2.0 - 9.2)	1.96 (0.50 - 2.80)	4.08	5.2	4.2	A+
	9	12	14	2.18	2.64	3.17	8.00 (2.0 - 9.2)	1.89 (0.50 - 2.69)	4.23	5.2	4.2	A+
	12	12	12	2.67	2.67	2.67	8.00 (2.0 - 9.2)	1.95 (0.50 - 2.78)	4.10	5.2	4.2	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.
- 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 a indoor unit is up to 36000Btu from 14000Btu.
- *1: When ASYG18L is connected, connect at least 1 wall mounted type for 9000Btu.

4 Rooms Multi cooling

AOYG30LAT4					COOLING OPERATION										
					Cooling Capacity					Input Power (min-max)	EER	Seasonal Data			
												Pdesign	SEER	Energy efficiency class	
Combination of Indoor Unit					Room 1	Room 2	Room 3	Room 4	Total Capacity (min-max)	kW			kW		
3 Room	7	7	14	-	1.96	1.96	3.27	-	7.20 (1.6-8.9)	2.22	0.68-3.43	3.24	7.2	5.9	A+
	7	7	18	-	1.81	1.81	4.08	-	7.70 (2.8-10.0)	2.22	0.98-3.55	3.47	7.7	5.8	A+
	7	7	24	-	1.61	1.61	4.57	-	7.80 (2.8-10.1)	2.19	0.98-3.53	3.56	7.8	5.8	A+
	7	9	12	-	2.08	2.34	2.78	-	7.20 (1.6-8.9)	2.22	0.68-3.41	3.24	7.2	5.9	A+
	7	9	14	-	1.90	2.14	3.16	-	7.20 (2.8-9.1)	2.22	0.98-3.56	3.24	7.2	5.9	A+
	7	9	18	-	1.76	1.98	3.96	-	7.70 (2.8-9.9)	2.22	0.98-3.56	3.47	7.7	5.8	A+
	7	9	24	-	1.57	1.77	4.46	-	7.80 (2.8-10.1)	2.19	0.98-3.53	3.56	7.8	5.8	A+
	7	12	12	-	1.96	2.62	2.62	-	7.20 (1.6-9.1)	2.22	0.68-3.54	3.24	7.2	5.9	A+
	7	12	14	-	1.83	2.43	3.04	-	7.30 (2.8-9.2)	2.22	0.98-3.56	3.29	7.3	5.9	A+
	7	12	18	-	1.68	2.24	3.78	-	7.70 (2.8-9.9)	2.22	0.98-3.56	3.47	7.7	5.8	A+
	7	12	24	-	1.51	2.01	4.28	-	7.80 (2.8-10.1)	2.19	0.98-3.56	3.56	7.8	5.8	A+
	7	14	14	-	1.68	2.81	2.81	-	7.30 (2.8-9.3)	2.22	0.98-3.58	3.29	7.3	5.9	A+
	7	14	18	-	1.57	2.61	3.52	-	7.70 (3.5-10.0)	2.22	1.17-3.58	3.47	7.7	5.8	A+
	7	14	24	-	1.44	2.39	4.07	-	7.90 (3.5-10.1)	2.20	1.17-3.58	3.59	7.9	5.8	A+
	7	18	18	-	1.42	3.19	3.19	-	7.80 (3.5-10.1)	2.22	1.17-3.58	3.51	7.8	5.7	A+
	7	18	24	-	1.30	2.92	3.68	-	7.90 (4.7-10.1)	2.22	1.27-3.58	3.56	7.9	5.7	A+
	9	9	9	-	2.40	2.40	2.40	-	7.20 (2.8-8.9)	2.22	0.98-3.42	3.24	7.2	5.9	A+
	9	9	12	-	2.26	2.26	2.68	-	7.20 (2.8-9.1)	2.22	0.98-3.54	3.24	7.2	5.9	A+
	9	9	14	-	2.10	2.10	3.11	-	7.30 (2.8-9.2)	2.22	0.98-3.57	3.29	7.3	5.9	A+
	9	9	18	-	1.93	1.93	3.85	-	7.70 (2.8-9.9)	2.22	0.98-3.56	3.47	7.7	5.8	A+
	9	9	24	-	1.73	1.73	4.35	-	7.80 (2.8-10.1)	2.20	1.17-3.54	3.55	7.8	5.8	A+
	9	12	12	-	2.14	2.53	2.53	-	7.20 (2.8-9.1)	2.22	0.98-3.54	3.24	7.2	5.9	A+
	9	12	14	-	1.99	2.36	2.95	-	7.30 (2.8-9.2)	2.22	0.98-3.57	3.29	7.3	5.9	A+
	9	12	18	-	1.84	2.18	3.68	-	7.70 (2.8-9.9)	2.22	0.98-3.56	3.47	7.7	5.8	A+
	9	12	24	-	1.66	1.97	4.18	-	7.80 (2.8-10.1)	2.19	0.98-3.56	3.56	7.8	5.8	A+
	9	14	14	-	1.84	2.73	2.73	-	7.30 (3.5-9.3)	2.22	1.17-3.58	3.29	7.3	5.9	A+
	9	14	18	-	1.74	2.58	3.48	-	7.80 (3.5-10.0)	2.22	1.17-3.58	3.51	7.8	5.8	A+
	9	14	24	-	1.58	2.34	3.98	-	7.90 (3.5-10.1)	2.22	1.27-3.56	3.56	7.9	5.8	A+
	9	18	18	-	1.56	3.12	3.12	-	7.80 (4.7-10.1)	2.22	1.27-3.58	3.51	7.8	5.7	A+
	12	12	12	-	2.43	2.43	2.43	-	7.30 (2.8-9.2)	2.22	0.98-3.55	3.29	7.3	5.9	A+
	12	12	14	-	2.28	2.28	2.85	-	7.40 (2.8-9.3)	2.22	0.98-3.58	3.33	7.4	5.9	A+
	12	12	18	-	2.12	2.12	3.57	-	7.80 (3.5-10.0)	2.22	1.17-3.57	3.51	7.8	5.8	A+
	12	12	24	-	1.92	1.92	4.07	-	7.90 (3.5-10.1)	2.20	1.17-3.54	3.59	7.9	5.8	A+
	12	14	14	-	2.11	2.64	2.64	-	7.40 (3.5-9.4)	2.22	1.17-3.58	3.33	7.4	5.9	A+
	12	14	18	-	1.98	2.48	3.34	-	7.80 (3.5-10.1)	2.22	1.17-3.58	3.51	7.8	5.8	A+
	12	18	18	-	1.81	3.05	3.05	-	7.90 (4.7-10.1)	2.22	1.27-3.58	3.56	7.9	5.7	A+
4 Room	7	7	7	7	1.93	1.93	1.93	1.93	7.70 (1.6-9.6)	2.20	0.68-3.41	3.50	7.7	6.2	A++
	7	7	7	9	1.89	1.89	1.89	2.13	7.80 (1.6-9.8)	2.22	0.68-3.54	3.51	7.8	6.2	A++
	7	7	7	12	1.83	1.83	1.83	2.41	7.90 (1.6-9.9)	2.22	0.68-3.54	3.56	7.9	6.1	A++
	7	7	7	14	1.70	1.70	1.70	2.80	7.90 (2.8-9.9)	2.22	0.98-3.56	3.56	7.9	6.1	A++
	7	7	7	18	1.52	1.52	1.52	3.43	8.00 (2.8-10.1)	2.20	0.98-3.55	3.64	8.0	6.0	A+
	7	7	9	9	1.86	1.86	2.09	2.09	7.90 (2.8-9.7)	2.22	0.98-3.42	3.56	7.9	6.2	A++
	7	7	9	12	1.78	1.78	1.99	2.35	7.90 (2.8-9.9)	2.22	0.98-3.55	3.56	7.9	6.1	A++
	7	7	9	14	1.68	1.68	1.88	2.76	8.00 (2.8-10.0)	2.22	0.98-3.57	3.60	8.0	6.1	A++
	7	7	9	18	1.49	1.49	1.67	3.35	8.00 (3.5-10.1)	2.20	1.17-3.55	3.64	8.0	6.0	A+
	7	7	12	12	1.72	1.72	2.28	2.28	8.00 (2.8-10.0)	2.22	0.98-3.55	3.60	8.0	6.1	A++
	7	7	12	14	1.61	1.61	2.13	2.65	8.00 (2.8-10.0)	2.22	0.98-3.57	3.60	8.0	6.1	A++
	7	7	12	18	1.43	1.43	1.91	3.22	8.00 (3.5-10.1)	2.20	1.17-3.56	3.64	8.0	6.0	A+
	7	7	14	14	1.50	1.50	2.50	2.50	8.00 (3.5-10.1)	2.22	1.17-3.58	3.60	8.0	6.0	A+
	7	7	14	18	1.35	1.35	2.25	3.04	8.00 (3.5-10.1)	2.22	1.17-3.58	3.60	8.0	6.0	A+
	7	9	9	9	1.81	2.03	2.03	2.03	7.90 (2.8-9.9)	2.22	0.98-3.56	3.56	7.9	6.2	A++
	7	9	9	12	1.76	1.96	1.96	2.32	8.00 (2.8-10.0)	2.22	0.98-3.56	3.60	8.0	6.1	A++
	7	9	9	14	1.64	1.83	1.83	2.70	8.00 (3.5-10.1)	2.22	1.17-3.58	3.60	8.0	6.1	A++
	7	9	9	18	1.45	1.64	1.64	3.27	8.00 (3.5-10.1)	2.22	1.17-3.56	3.60	8.0	6.0	A+
	7	9	12	12	1.68	1.88	2.22	2.22	8.00 (2.8-10.0)	2.22	0.98-3.56	3.60	8.0	6.1	A++
	7	9	12	14	1.57	1.76	2.08	2.59	8.00 (3.5-10.1)	2.22	1.17-3.58	3.60	8.0	6.0	A+
	7	9	12	18	1.40	1.58	1.87	3.15	8.00 (3.5-10.1)	2.22	1.17-3.56	3.60	8.0	6.0	A+
	7	9	14	14	1.48	1.66	2.43	2.43	8.00 (3.5-10.1)	2.22	1.17-3.58	3.60	8.0	6.0	A+
	7	9	14	18	1.32	1.49	2.21	2.98	8.00 (4.7-10.1)	2.22	1.27-3.57	3.60	8.0	6.0	A+
	7	12	12	12	1.61	2.13	2.13	2.13	8.00 (2.8-10.1)	2.22	0.98-3.56	3.60	8.0	6.0	A+
	7	12	12	14	1.51	2.00	2.00	2.49	8.00 (3.5-10.1)	2.22	1.17-3.58	3.60	8.0	6.0	A+
	7	12	12	18	1.35	1.80	1.80	3.04	8.00 (3.5-10.1)	2.22	1.17-3.56	3.60	8.0	6.0	A+
	7	12	14	14	1.41	1.89	2.35	2.35	8.00 (3.5-10.1)	2.22	1.17-3.58	3.60	8.0	6.0	A+
	9	9	9	9	2.00	2.00	2.00	2.00	8.00 (3.5-10.0)	2.22	1.17-3.56	3.60	8.0	6.2	A++
	9	9	9	12	1.91	1.91	1.91	2.27	8.00 (3.5-10.0)	2.22	1.17-3.56	3.60	8.0	6.1	A++
	9	9	9	14	1.79	1.79	1.79	2.63	8.00 (3.5-10.0)	2.22	1.17-3.56	3.60	8.0	6.0	A+
	9	9	9	18*	1.60	1.60	1.60	3.20	8.00 (4.7-10.0)	2.22	1.17-3.56	3.60	8.0	6.0	A+
	9	9	12	12	1.83	1.83	2.17	2.17	8.00 (3.5-10.0)	2.22	1.17-3.56	3.60	8.0	6.0	A+
	9	9	12	14	1.72	1.72	2.03	2.53	8.00 (3.5-10.0)	2.22	1.17-3.56	3.60	8.0	6.0	A+
	9	9	12	18**	1.54	1.54	1.83	3.09	8.00 (4.7-10.0)	2.22	1.17-3.56	3.60	8.0	6.0	A+
	9	9	14	14	1.62	1.62	2.38	2.38	8.00 (4.7-10.0)	2.22	1.17-3.56	3.60	8.0	6.0	A+
	9	12	12	12	1.76	2.08	2.08	2.08	8.00 (3.5-10.0)	2.22	1.17-3.56	3.60	8.0	6.0	A+
9	12	12	14	1.66	1.95	1.95	2.44	8.00 (3.5-10.0)	2.22	1.17-3.56	3.60	8.0	6.0	A+	
9	12	14	14	1.55	1.85	2.30	2.30	8.00 (4.7-10.0)	2.22	1.17-3.56	3.60	8.0	6.0	A+	
12	12	12	12	2.00	2.00	2.00	2.00	8.00 (3.5-10.0)	2.22	1.17-3.56	3.60	8.0	6.0	A+	

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.
•3 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 a indoor unit is up to 49000Btu from 27000Btu.
*1: Connection of ASYG18L + ARYG09L + ARYG09L + ARYG09L is not available. All types other than this combination can be connected.
*2: Connection of ASYG18L + ARYG12L + ARYG09L + ARYG09L is not available. All types other than this combination can be connected.

4 Rooms Multi heating

AOYG30LAT4					HEATING OPERATION													
					Combination of Indoor Unit					Heating Capacity					Input Power (min-max)	EER	Seasonal Data	
										Room 1	Room 2	Room 3	Room 4	Total Capacity (min-max)			Pdesign	SEER
					kW	kW	kW	kW	kW	kW	kW							
3 Room	7	7	14	-	2.42	2.42	4.15	-	9.00 (1.8-10.1)	2.66 (0.58-3.53)	3.38	5.8	3.8	A				
	7	7	18	-	2.27	2.27	4.86	-	9.40 (3.3-11.2)	2.46 (0.87-3.52)	3.82	5.8	3.8	A				
	7	7	24	-	2.03	2.03	5.44	-	9.50 (3.3-11.5)	2.47 (0.87-3.52)	3.85	5.8	3.8	A				
	7	9	12	-	2.49	2.94	3.56	-	9.00 (1.8-10.0)	2.69 (0.58-3.51)	3.35	5.8	3.8	A				
	7	9	14	-	2.33	2.75	4.00	-	9.10 (3.3-10.2)	2.64 (0.87-3.50)	3.45	5.8	3.8	A				
	7	9	18	-	2.17	2.56	4.66	-	9.40 (3.3-11.3)	2.45 (0.87-3.50)	3.84	5.8	3.8	A				
	7	9	24	-	1.98	2.33	5.29	-	9.60 (3.3-11.5)	2.46 (0.87-3.51)	3.90	5.8	3.8	A				
	7	12	12	-	2.33	3.33	3.33	-	9.00 (1.8-10.1)	2.66 (0.58-3.48)	3.38	5.8	3.8	A				
	7	12	14	-	2.22	3.17	3.80	-	9.20 (3.3-10.3)	2.62 (0.87-3.48)	3.51	5.8	3.8	A				
	7	12	18	-	2.08	2.97	4.43	-	9.50 (3.3-11.4)	2.44 (0.87-3.47)	3.89	5.8	3.8	A				
	7	12	24	-	1.88	2.69	5.03	-	9.60 (3.3-11.7)	2.45 (0.87-3.56)	3.92	5.8	3.8	A				
	7	14	14	-	2.10	3.60	3.60	-	9.30 (3.3-10.6)	2.59 (0.87-3.48)	3.59	5.8	3.8	A				
	7	14	18	-	1.96	3.35	4.19	-	9.50 (3.7-11.5)	2.42 (0.97-3.52)	3.93	5.8	3.8	A				
	7	14	24	-	1.78	3.05	4.77	-	9.60 (3.3-11.7)	2.45 (0.87-3.56)	3.92	5.8	3.8	A				
	7	18	18	-	1.82	3.89	3.89	-	9.60 (3.7-12.0)	2.40 (0.97-3.52)	4.00	5.8	3.8	A				
	7	18	24	-	1.65	3.53	4.42	-	9.60 (4.3-12.0)	2.40 (1.12-3.52)	4.00	5.8	3.8	A				
	9	9	9	-	3.00	3.00	3.00	-	9.00 (3.3-10.0)	2.69 (0.87-3.51)	3.35	5.8	3.8	A				
	9	9	12	-	2.80	2.80	3.39	-	9.00 (3.3-10.1)	2.67 (0.87-3.48)	3.37	5.8	3.8	A				
	9	9	14	-	2.66	2.66	3.87	-	9.20 (3.3-10.3)	2.63 (0.87-3.48)	3.50	5.8	3.8	A				
	9	9	18	-	2.49	2.49	4.52	-	9.50 (3.7-11.4)	2.44 (0.97-3.48)	3.89	5.8	3.8	A				
	9	9	24	-	2.25	2.25	5.11	-	9.60 (3.7-11.7)	2.45 (0.97-3.57)	3.92	5.8	3.8	A				
	9	12	12	-	2.65	3.22	3.22	-	9.10 (3.3-10.3)	2.65 (0.87-3.52)	3.43	5.8	3.8	A				
	9	12	14	-	2.53	3.07	3.69	-	9.30 (3.3-10.5)	2.61 (0.87-3.52)	3.56	5.8	3.8	A				
	9	12	18	-	2.36	2.86	4.29	-	9.50 (3.7-11.4)	2.43 (0.97-3.47)	3.91	5.8	3.8	A				
	9	12	24	-	2.14	2.59	4.86	-	9.60 (3.7-11.8)	2.44 (0.97-3.55)	3.93	5.8	3.8	A				
	9	14	14	-	2.38	3.46	3.46	-	9.30 (3.7-10.7)	2.58 (0.97-3.46)	3.60	5.8	3.8	A				
	9	14	18	-	2.22	3.23	4.04	-	9.50 (3.7-11.6)	2.41 (0.97-3.51)	3.94	5.8	3.8	A				
	9	14	24	-	2.03	2.95	4.62	-	9.60 (4.3-11.9)	2.42 (1.12-3.57)	3.97	5.8	3.8	A				
	9	18	18	-	2.07	3.76	3.76	-	9.60 (4.3-12.0)	2.40 (1.12-3.52)	4.00	5.8	3.8	A				
	12	12	12	-	3.07	3.07	3.07	-	9.20 (3.3-10.3)	2.63 (0.87-3.49)	3.50	5.8	3.8	A				
	12	12	14	-	2.91	2.91	3.49	-	9.30 (3.3-10.6)	2.59 (0.87-3.49)	3.59	5.8	3.8	A				
	12	12	18	-	2.71	2.71	4.07	-	9.50 (3.7-11.6)	2.42 (0.97-3.52)	3.93	5.8	3.8	A				
	12	12	24	-	2.48	2.48	4.65	-	9.60 (3.7-11.8)	2.43 (0.97-3.54)	3.95	5.8	3.8	A				
	12	14	14	-	2.76	3.32	3.32	-	9.40 (3.7-10.8)	2.40 (0.97-3.50)	3.92	5.8	3.8	A				
	12	14	18	-	2.57	3.08	3.85	-	9.50 (3.7-11.6)	2.40 (0.97-3.49)	3.96	5.8	3.8	A				
	12	18	18	-	2.40	3.60	3.60	-	9.60 (4.3-12.0)	2.40 (1.12-3.52)	4.00	5.8	3.8	A				
	7	7	7	7	2.35	2.35	2.35	2.35	9.40 (1.8-10.8)	2.43 (0.58-3.47)	3.87	6.2	4.0	A+				
	7	7	7	9	2.27	2.27	2.27	2.68	9.50 (1.8-10.9)	2.42 (0.58-3.51)	3.88	6.2	4.0	A+				
	7	7	7	12	2.14	2.14	2.14	3.06	9.50 (1.8-11.1)	2.41 (0.58-3.55)	3.94	6.2	4.0	A+				
	7	7	7	14	2.04	2.04	2.04	3.49	9.60 (3.3-11.3)	2.38 (0.87-3.56)	4.03	6.2	4.0	A+				
	7	7	7	18	1.87	1.87	1.87	4.00	9.60 (3.3-12.0)	2.27 (0.87-3.56)	4.23	6.2	4.0	A+				
	7	7	9	9	2.18	2.18	2.57	2.57	9.50 (3.3-10.9)	2.41 (0.87-3.44)	3.94	6.2	4.0	A+				
	7	7	9	12	2.06	2.06	2.43	2.95	9.50 (3.3-11.1)	2.40 (0.87-3.54)	3.96	6.2	4.0	A+				
	7	7	9	14	1.96	1.96	2.31	3.36	9.60 (3.3-11.4)	2.38 (0.87-3.54)	4.03	6.2	4.0	A+				
	7	7	9	18	1.80	1.80	2.13	3.87	9.60 (3.7-12.0)	2.27 (0.97-3.55)	4.23	6.2	4.0	A+				
7	7	12	12	1.98	1.98	2.82	2.82	9.60 (3.3-11.3)	2.39 (0.87-3.57)	4.02	6.2	4.0	A+					
7	7	12	14	1.87	1.87	2.67	3.20	9.60 (3.3-11.5)	2.36 (0.87-3.58)	4.07	6.2	4.0	A+					
7	7	12	18	1.72	1.72	2.46	3.69	9.60 (3.7-12.0)	2.27 (0.97-3.58)	4.23	6.2	4.0	A+					
7	7	14	14	1.77	1.77	3.03	3.03	9.60 (3.7-11.8)	2.34 (0.97-3.58)	4.10	6.2	4.0	A+					
7	7	14	18	1.64	1.64	2.81	3.51	9.60 (3.7-12.0)	2.27 (0.97-3.56)	4.23	6.2	4.0	A+					
7	9	9	9	2.09	2.47	2.47	2.47	9.50 (3.3-11.2)	2.40 (0.87-3.54)	4.00	6.2	4.0	A+					
7	9	9	12	2.01	2.36	2.36	2.87	9.60 (3.3-11.3)	2.39 (0.87-3.58)	4.02	6.2	4.0	A+					
7	9	9	14	1.89	2.23	2.23	3.25	9.60 (3.7-11.5)	2.37 (0.97-3.58)	4.05	6.2	4.0	A+					
7	9	9	18	1.75	2.06	2.06	3.74	9.60 (3.7-12.0)	2.27 (0.97-3.58)	4.23	6.2	4.0	A+					
7	9	12	12	1.91	2.25	2.72	2.72	9.60 (3.3-11.4)	2.38 (0.87-3.58)	4.03	6.2	4.0	A+					
7	9	12	14	1.80	2.13	2.58	3.09	9.60 (3.7-11.6)	2.35 (0.97-3.58)	4.09	6.2	4.0	A+					
7	9	12	18	1.67	1.97	2.39	3.58	9.60 (3.7-12.0)	2.27 (0.97-3.58)	4.23	6.2	4.0	A+					
7	9	14	14	1.71	2.02	2.94	2.94	9.60 (3.7-11.8)	2.33 (0.97-3.58)	4.12	6.2	4.0	A+					
7	9	14	18	1.59	1.87	2.73	3.41	9.60 (4.3-12.0)	2.27 (1.12-3.58)	4.23	6.2	4.0	A+					
7	12	12	12	1.81	2.59	2.59	2.59	9.60 (3.3-11.5)	2.37 (0.87-3.58)	4.05	6.2	4.0	A+					
7	12	12	14	1.72	2.46	2.46	2.95	9.60 (3.7-11.7)	2.34 (0.97-3.58)	4.10	6.2	4.0	A+					
7	12	12	18	1.60	2.29	2.29	3.43	9.60 (3.7-12.0)	2.27 (0.97-3.56)	4.23	6.2	4.0	A+					
7	12	14	14	1.64	2.34	2.81	2.81	9.60 (3.7-11.9)	2.32 (0.97-3.58)	4.14	6.2	4.0	A+					
9	9	9	9	2.40	2.40	2.40	2.40	9.60 (3.7-11.3)	2.40 (0.97-3.58)	4.00	6.2	4.0	A+					
9	9	9	12	2.28	2.28	2.28	2.76	9.60 (3.7-11.4)	2.38 (0.97-3.58)	4.03	6.2	4.0	A+					
9	9	9	14	2.16	2.16	2.16	3.14	9.60 (3.7-11.6)	2.36 (0.97-3.58)	4.07	6.2	4.0	A+					
9	9	9	18 ⁺	1.99	1.99	1.99	3.62	9.60 (4.3-12.0)	2.27 (1.12-3.58)	4.23	6.2	4.0	A+					
9	9	12	12	2.17	2.17	2.63	2.63	9.60 (3.7-11.5)	2.37 (0.97-3.58)	4.05	6.2	4.0	A+					
9	9	12	14	2.06	2.06	2.49	2.99	9.60 (3.7-11.7)	2.35 (0.97-3.58)	4.09	6.2	4.0	A+					
9	9	12	18 ⁺	1.91	1.91	2.31	3.47	9.60 (4.3-12.0)	2.27 (1.12-3.58)	4.23	6.2	4.0	A+					
9	9	14	14	1.96	1.96	2.84	2.84	9.60 (4.3-11.9)	2.33 (1.12-3.58)	4.12	6.2	4.0	A+					
9	12	12	12	2.07	2.51	2.51	2.51	9.60 (3.7-11.6)	2.36 (0.97-3.58)	4.07	6.2	4.0	A+					
9	12	12	14	1.97	2.39	2.39	2.87	9.60 (3.7-11.8)	2.34 (0.97-3.58)	4.10	6.2	4.0	A+					
9	12	14	14	1.87	2.27	2.73	2.73	9.60 (4.3-11.9)	2.31 (1.12-3.58)	4.16	6.2	4.0	A+					
12	12	12	12	2.40	2.40	2.40	2.40	9.60 (3.7-11.6)	2.35 (0.97-3.58)	4.09	6.2	4.0	A+					

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.

• 3 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 a indoor unit is up to 49000Btu from 27000Btu.

*1: Connection of ASYG18L + ARYG09L + ARYG09L + ARYG09L is not available. All types other than this combination can be connected.

*2: Connection of ASYG18L + ARYG12L + ARYG09L + ARYG09L is not available. All types other than this combination can be connected.

8 Rooms Multi cooling

AOYG45LBT8	Combination of Indoor Unit								COOLING OPERATION										Input power
									Cooling Capacity										
									Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Total		
2 Room	24	24	-	-	-	-	-	-	kW	kW	kW	kW	kW	kW	kW	kW	kW		
	18	24	-	-	-	-	-	-	7.03	7.03	-	-	-	-	-	-	14.06		
3 Room	18	18	24	-	-	-	-	-	5.27	7.03	-	-	-	-	-	-	12.30		
	18	18	18	-	-	-	-	-	4.63	4.63	6.18	-	-	-	-	-	15.45		
	14	24	24	-	-	-	-	-	5.01	5.01	5.01	-	-	-	-	-	15.03		
	14	18	24	-	-	-	-	-	3.54	6.07	6.07	-	-	-	-	-	15.68		
	14	18	18	-	-	-	-	-	3.84	4.94	6.59	-	-	-	-	-	15.37		
	14	14	24	-	-	-	-	-	4.10	5.27	5.27	-	-	-	-	-	14.64		
	14	14	24	-	-	-	-	-	4.10	4.10	7.03	-	-	-	-	-	15.23		
	14	14	18	-	-	-	-	-	4.10	4.10	5.27	-	-	-	-	-	13.47		
	14*	14*	14*	-	-	-	-	-	4.10	4.10	4.10	-	-	-	-	-	12.30		
	12	24	24	-	-	-	-	-	3.09	6.18	6.18	-	-	-	-	-	15.45		
	12	18	24	-	-	-	-	-	3.35	5.01	6.68	-	-	-	-	-	15.04		
	12	18	18	-	-	-	-	-	3.52	5.27	5.27	-	-	-	-	-	14.06		
	12	14	24	-	-	-	-	-	3.52	4.10	7.03	-	-	-	-	-	14.65		
	12	14	18	-	-	-	-	-	3.52	4.10	5.27	-	-	-	-	-	12.89		
	12*	14*	14*	-	-	-	-	-	3.52	4.10	4.10	-	-	-	-	-	11.72		
	12	12	24	-	-	-	-	-	3.52	3.52	7.03	-	-	-	-	-	14.07		
	12	12	18	-	-	-	-	-	3.52	3.52	5.27	-	-	-	-	-	12.31		
	9	24	24	-	-	-	-	-	2.46	6.54	6.54	-	-	-	-	-	15.54		
	9	18	24	-	-	-	-	-	2.64	5.27	7.03	-	-	-	-	-	14.94		
	9	18	18	-	-	-	-	-	2.64	5.27	5.27	-	-	-	-	-	13.18		
9	14	24	-	-	-	-	-	2.64	4.10	7.03	-	-	-	-	-	13.77			
9	14	18	-	-	-	-	-	2.64	4.10	5.27	-	-	-	-	-	12.01			
9	12	24	-	-	-	-	-	2.64	3.52	7.03	-	-	-	-	-	13.19			
9	12	18	-	-	-	-	-	2.64	3.52	5.27	-	-	-	-	-	11.43			
9	9	24	-	-	-	-	-	2.64	2.64	7.03	-	-	-	-	-	12.31			
7	24	24	-	-	-	-	-	1.93	6.64	6.64	-	-	-	-	-	15.21			
7	18	24	-	-	-	-	-	2.05	5.27	7.03	-	-	-	-	-	14.35			
7	18	18	-	-	-	-	-	2.05	5.27	5.27	-	-	-	-	-	12.59			
7	14	24	-	-	-	-	-	2.05	4.10	7.03	-	-	-	-	-	13.18			
7	14	18	-	-	-	-	-	2.05	4.10	5.27	-	-	-	-	-	11.42			
7	12	24	-	-	-	-	-	2.05	3.52	7.03	-	-	-	-	-	12.60			
7	9	24	-	-	-	-	-	2.05	2.64	7.03	-	-	-	-	-	11.72			
4 Room	14	14	14	18	-	-	-	-	3.60	3.60	3.60	4.63	-	-	-	-	15.45		
	14	14	14	14	-	-	-	-	3.84	3.84	3.84	3.84	-	-	-	-	15.37		
	12	14	18	18	-	-	-	-	3.04	3.54	4.55	4.55	-	-	-	-	15.68		
	12	14	14	18	-	-	-	-	3.15	3.67	3.67	4.72	-	-	-	-	15.21		
	12	14	14	14	-	-	-	-	3.35	3.90	3.90	3.90	-	-	-	-	15.04		
	12	12	18	18	-	-	-	-	3.09	3.09	4.63	4.63	-	-	-	-	15.45		
	12	12	14	24	-	-	-	-	3.04	3.04	3.54	6.07	-	-	-	-	15.69		
	12	12	14	18	-	-	-	-	3.30	3.30	3.84	4.94	-	-	-	-	15.38		
	12	12	14	14	-	-	-	-	3.52	3.52	4.10	4.10	-	-	-	-	15.24		
	12	12	12	24	-	-	-	-	3.09	3.09	3.09	6.18	-	-	-	-	15.45		
	12	12	12	18	-	-	-	-	3.35	3.35	3.35	5.01	-	-	-	-	15.05		
	12	12	12	14	-	-	-	-	3.52	3.52	3.52	4.10	-	-	-	-	14.66		
	12	12	12	12	-	-	-	-	3.52	3.52	3.52	3.52	-	-	-	-	14.08		
	9	14	18	18	-	-	-	-	2.34	3.64	4.67	4.67	-	-	-	-	15.33		
	9	14	14	24	-	-	-	-	2.30	3.57	3.57	6.12	-	-	-	-	15.57		
	9	14	14	18	-	-	-	-	2.49	3.87	3.87	4.97	-	-	-	-	15.21		
	9	14	14	14	-	-	-	-	2.64	4.10	4.10	4.10	-	-	-	-	14.94		
	9	12	18	18	-	-	-	-	2.46	3.28	4.90	4.90	-	-	-	-	15.54		
	9	12	14	24	-	-	-	-	2.34	3.12	3.64	6.23	-	-	-	-	15.33		
	9	12	14	18	-	-	-	-	2.53	3.37	3.93	5.05	-	-	-	-	14.87		
	9	12	14	14	-	-	-	-	2.64	3.52	4.10	4.10	-	-	-	-	14.36		
	9	12	12	24	-	-	-	-	2.46	3.28	3.28	6.54	-	-	-	-	15.55		
	9	12	12	18	-	-	-	-	2.64	3.52	3.52	5.27	-	-	-	-	14.95		
	9	12	12	14	-	-	-	-	2.64	3.52	3.52	4.10	-	-	-	-	13.78		
	9	12	12	12	-	-	-	-	2.64	3.52	3.52	3.52	-	-	-	-	13.20		
	9	9	18	24	-	-	-	-	2.32	2.32	4.63	6.18	-	-	-	-	15.45		
	9	9	18	18	-	-	-	-	2.51	2.51	5.01	5.01	-	-	-	-	15.04		
	9	9	14	24	-	-	-	-	2.47	2.47	3.84	6.59	-	-	-	-	15.38		
	9	9	14	18	-	-	-	-	2.64	2.64	4.10	5.27	-	-	-	-	14.65		
	9	9	14	14	-	-	-	-	2.64	2.64	4.10	4.10	-	-	-	-	13.48		
	9	9	12	24	-	-	-	-	2.51	2.51	3.35	6.68	-	-	-	-	15.05		
	9	9	12	18	-	-	-	-	2.64	2.64	3.52	5.27	-	-	-	-	14.07		
	9	9	12	14	-	-	-	-	2.64	2.64	3.52	4.10	-	-	-	-	12.90		
	9	9	12	12	-	-	-	-	2.64	2.64	3.52	3.52	-	-	-	-	12.32		
	9	9	9	24	-	-	-	-	2.64	2.64	2.64	7.03	-	-	-	-	14.95		
	9	9	9	18	-	-	-	-	2.64	2.64	2.64	5.27	-	-	-	-	13.19		
	9	9	9	14	-	-	-	-	2.64	2.64	2.64	4.10	-	-	-	-	12.02		
	9	9	9	12	-	-	-	-	2.64	2.64	2.64	3.52	-	-	-	-	11.44		
	7	18	18	18	-	-	-	-	1.79	4.59	4.59	4.59	-	-	-	-	15.56		
	7	14	18	18	-	-	-	-	1.91	3.82	4.91	4.91	-	-	-	-	15.54		
7	14	14	24	-	-	-	-	1.82	3.64	3.64	6.24	-	-	-	-	15.33			
7	14	14	18	-	-	-	-	1.96	3.93	3.93	5.05	-	-	-	-	14.87			
7	14	14	14	-	-	-	-	2.05	4.10	4.10	4.10	-	-	-	-	14.35			
7	12	18	24	-	-	-	-	1.79	3.07	4.59	6.12	-	-	-	-	15.57			
7	12	18	18	-	-	-	-	1.93	3.32	4.97	4.97	-	-	-	-	15.21			
7	12	14	24	-	-	-	-	1.91	3.28	3.82	6.54	-	-	-	-	15.54			
7	12	14	18	-	-	-	-	2.05	3.52	4.10	5.27	-	-	-	-	14.94			
7	12	14	14	-	-	-	-	2.05	3.52	4.10	4.10	-	-	-	-	13.77			
7	12	12	24	-	-	-	-	1.93	3.32	3.32	6.63	-	-	-	-	15.21			
7	12	12	18	-	-	-	-	2.05	3.52	3.52	5.27	-	-	-	-	14.36			
7	12	12	14	-	-	-	-	2.05	3.52	3.52	4.10	-	-	-	-	13.19			
7	12	12	12	-	-	-	-	2.05	3.52	3.52	3.52	-	-	-	-	12.61			
7	9	18	24	-	-	-	-	1.84	2.36	4.72	6.29	-	-	-	-	15.21			
7	9	18	18	-	-	-	-	2.05	2.64	5.27	5.27	-	-	-	-	15.23			
7	9	14	24	-	-	-	-	1.95	2.51	3.90	6.68	-	-	-	-	15.04			
7	9	14	18	-	-	-	-	2.05	2.64	4.10	5.27	-	-	-	-	14.06			
7	9	12	24	-	-	-	-	2.05	2.64	3.52	7.03	-	-	-	-	15.24			
7	9	12	18	-	-	-	-	2.05	2.64	3.52	5.27	-	-	-	-	13.48			
7	9	12	14	-	-	-	-	2.05	2.64	3.52	4.10	-	-	-	-	12.31			
7	9	12	12	-	-	-	-	2.05	2.64	3.52	3.52	-	-	-	-	11.73			
7	9	9	24	-	-	-	-	2.05	2.64	2.64	7.03	-	-	-	-	14.36			
7	9	9	18	-	-	-	-	2.05	2.64	2.64	5.27	-	-	-	-	12.60			
7	9	9	14	-	-	-	-	2.05	2.64	2.64	4.10	-	-	-	-	11.43			
7	7	24	24	-	-	-	-	1.77	1.77	6.07	6.07	-	-	-	-	15.68			
7	7	18	24	-	-	-	-	1.92	1.92	4.94	6.59	-	-	-	-	15.37			
7	7	18	18	-	-	-	-	2.05	2.05	5.27	5.27	-	-	-	-	14.64			
7	7	14	24	-	-	-	-	2.05	2.05	4.10	7.03	-	-	-</					

8 Rooms Multi cooling

AOYG45LBT8	Combination of Indoor Unit								COOLING OPERATION											Input power
									Cooling Capacity								Total			
									Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8		kW		
									kW	kW	kW	kW	kW	kW	kW	kW	kW			
4 Room	7	7	14	18	-	-	-	-	2.05	2.05	4.10	5.27	-	-	-	-	13.47	4.89		
	7	7	14	14	-	-	-	-	2.05	2.05	4.10	4.10	-	-	-	-	12.30	4.24		
	7	7	12	24	-	-	-	-	2.05	2.05	3.52	7.03	-	-	-	-	14.65	5.50		
	7	7	12	18	-	-	-	-	2.05	2.05	3.52	5.27	-	-	-	-	12.89	4.57		
	7	7	12	14	-	-	-	-	2.05	2.05	3.52	4.10	-	-	-	-	11.72	3.91		
	7	7	9	24	-	-	-	-	2.05	2.05	2.64	7.03	-	-	-	-	13.77	5.05		
	7	7	9	18	-	-	-	-	2.05	2.05	2.64	5.27	-	-	-	-	12.01	4.08		
	7	7	7	24	-	-	-	-	2.05	2.05	2.05	7.03	-	-	-	-	13.18	4.73		
	7	7	7	18	-	-	-	-	2.05	2.05	2.05	5.27	-	-	-	-	11.42	3.74		
	12	12	12	12	14	-	-	-	3.04	3.04	3.04	3.04	3.54	-	-	-	15.69	5.87		
12	12	12	12	12	-	-	-	3.09	3.09	3.09	3.09	3.09	-	-	-	15.46	5.89			
9	12	12	14	14	-	-	-	2.30	3.07	3.07	3.57	3.57	-	-	-	15.57	5.88			
9	12	12	12	14	-	-	-	2.34	3.12	3.12	3.12	3.63	-	-	-	15.34	5.89			
9	12	12	12	12	-	-	-	2.46	3.27	3.27	3.27	3.27	-	-	-	15.55	5.90			
9	9	14	14	14	-	-	-	2.32	2.32	3.60	3.60	3.60	-	-	-	15.45	5.89			
9	9	12	14	18	-	-	-	2.28	2.28	3.04	3.54	4.55	-	-	-	15.69	5.87			
9	9	12	14	14	-	-	-	2.36	2.36	3.15	3.67	3.67	-	-	-	15.21	5.90			
9	9	12	12	18	-	-	-	2.32	2.32	3.09	3.09	4.63	-	-	-	15.45	5.89			
9	9	12	12	14	-	-	-	2.47	2.47	3.30	3.30	3.84	-	-	-	15.38	5.90			
9	9	12	12	12	-	-	-	2.51	2.51	3.34	3.34	3.34	-	-	-	15.05	5.90			
9	9	9	14	18	-	-	-	2.34	2.34	2.34	3.64	4.67	-	-	-	15.33	5.89			
9	9	9	14	14	-	-	-	2.49	2.49	2.49	3.87	3.87	-	-	-	15.21	5.90			
9	9	9	12	18	-	-	-	2.46	2.46	2.46	3.28	4.90	-	-	-	15.55	5.90			
9	9	9	12	14	-	-	-	2.53	2.53	2.53	3.37	3.93	-	-	-	14.88	5.90			
9	9	9	12	12	-	-	-	2.64	2.64	2.64	3.52	3.52	-	-	-	14.96	5.65			
9	9	9	9	24	-	-	-	2.32	2.32	2.32	2.32	6.18	-	-	-	15.45	5.89			
9	9	9	9	18	-	-	-	2.51	2.51	2.51	2.51	5.01	-	-	-	15.05	5.90			
9	9	9	9	14	-	-	-	2.64	2.64	2.64	2.64	4.10	-	-	-	14.66	5.50			
9	9	9	9	12	-	-	-	2.64	2.64	2.64	2.64	3.52	-	-	-	14.08	5.20			
9	9	9	9	9	-	-	-	2.64	2.64	2.64	2.64	2.64	-	-	-	13.20	4.73			
7	12	14	14	14	-	-	-	1.79	3.07	3.57	3.57	3.57	-	-	-	15.57	5.88			
7	12	12	14	14	-	-	-	1.82	3.12	3.12	3.64	3.64	-	-	-	15.33	5.89			
7	12	12	12	18	-	-	-	1.79	3.07	3.07	3.07	4.59	-	-	-	15.57	5.88			
7	12	12	12	14	-	-	-	1.91	3.28	3.28	3.28	3.82	-	-	-	15.55	5.90			
7	12	12	12	12	-	-	-	1.93	3.32	3.32	3.32	3.32	-	-	-	15.22	5.90			
7	9	14	14	18	-	-	-	1.77	2.28	3.54	3.54	4.55	-	-	-	15.68	5.87			
7	9	14	14	14	-	-	-	1.84	2.36	3.67	3.67	3.67	-	-	-	15.21	5.90			
7	9	12	14	18	-	-	-	1.80	2.32	3.09	3.60	4.63	-	-	-	15.45	5.89			
7	9	12	14	14	-	-	-	1.92	2.47	3.30	3.84	3.84	-	-	-	15.38	5.90			
7	9	12	12	18	-	-	-	1.83	2.36	3.15	3.15	4.72	-	-	-	15.21	5.90			
7	9	12	12	14	-	-	-	1.95	2.51	3.35	3.35	3.90	-	-	-	15.05	5.90			
7	9	12	12	12	-	-	-	2.05	2.64	3.52	3.52	3.52	-	-	-	15.25	5.79			
7	9	9	18	18	-	-	-	1.79	2.30	2.30	4.59	4.59	-	-	-	15.57	5.88			
7	9	9	14	18	-	-	-	1.91	2.46	2.46	3.82	4.90	-	-	-	15.54	5.90			
7	9	9	14	14	-	-	-	1.96	2.53	2.53	3.93	3.93	-	-	-	14.87	5.90			
7	9	9	12	24	-	-	-	1.79	2.30	2.30	3.07	6.12	-	-	-	15.57	5.88			
7	9	9	12	18	-	-	-	1.93	2.49	2.49	3.32	4.97	-	-	-	15.21	5.90			
7	9	9	12	14	-	-	-	2.05	2.64	2.64	3.52	4.10	-	-	-	14.95	5.65			
7	9	9	12	12	-	-	-	2.05	2.64	2.64	3.52	3.52	-	-	-	14.37	5.35			
7	9	9	9	24	-	-	-	1.83	2.36	2.36	2.36	6.29	-	-	-	15.21	5.90			
7	9	9	9	18	-	-	-	2.05	2.64	2.64	2.64	5.27	-	-	-	15.24	5.79			
7	9	9	9	14	-	-	-	2.05	2.64	2.64	2.64	4.10	-	-	-	14.07	5.20			
7	9	9	9	12	-	-	-	2.05	2.64	2.64	2.64	3.52	-	-	-	13.49	4.89			
7	9	9	9	9	-	-	-	2.05	2.64	2.64	2.64	2.64	-	-	-	12.61	4.41			
7	7	14	14	18	-	-	-	1.80	1.80	3.60	3.60	4.63	-	-	-	15.45	5.89			
7	7	14	14	14	-	-	-	1.92	1.92	3.84	3.84	3.84	-	-	-	15.37	5.90			
7	7	12	18	18	-	-	-	1.77	1.77	3.04	4.55	4.55	-	-	-	15.68	5.87			
7	7	12	14	18	-	-	-	1.84	1.84	3.15	3.67	4.72	-	-	-	15.21	5.90			
7	7	12	14	14	-	-	-	1.95	1.95	3.35	3.90	3.90	-	-	-	15.04	5.90			
7	7	12	12	24	-	-	-	1.77	1.77	3.04	3.04	6.07	-	-	-	15.69	5.87			
7	7	12	12	14	-	-	-	2.05	2.05	3.52	3.52	4.10	-	-	-	15.24	5.79			
7	7	12	12	12	-	-	-	2.05	2.05	3.52	3.52	3.52	-	-	-	14.66	5.50			
7	7	7	9	18	18	-	-	1.82	1.82	2.34	4.67	4.67	-	-	-	15.33	5.89			
7	7	7	9	14	24	-	-	1.79	1.79	2.30	3.57	6.12	-	-	-	15.57	5.88			
7	7	7	9	14	18	-	-	1.93	1.93	2.49	3.87	4.97	-	-	-	15.21	5.90			
7	7	7	9	14	14	-	-	2.05	2.05	2.64	4.10	4.10	-	-	-	14.94	5.65			
7	7	7	12	24	-	-	-	1.82	1.82	2.34	3.12	6.23	-	-	-	15.33	5.89			
7	7	7	9	12	18	-	-	1.96	1.96	2.53	3.37	5.05	-	-	-	14.87	5.90			
7	7	7	9	12	14	-	-	2.05	2.05	2.64	3.52	4.10	-	-	-	14.36	5.35			
7	7	7	9	12	12	-	-	2.05	2.05	2.64	3.52	3.52	-	-	-	13.78	5.05			
7	7	7	9	9	24	-	-	1.92	1.92	2.47	2.47	6.59	-	-	-	15.38	5.90			
7	7	7	9	9	18	-	-	2.05	2.05	2.64	2.64	5.27	-	-	-	14.65	5.50			
7	7	7	9	14	-	-	-	2.05	2.05	2.64	2.64	4.10	-	-	-	13.48	4.89			
7	7	7	9	12	-	-	-	2.05	2.05	2.64	2.64	3.52	-	-	-	12.90	4.57			
7	7	7	9	9	9	-	-	2.05	2.05	2.64	2.64	2.64	-	-	-	12.02	4.08			
7	7	7	18	18	-	-	-	1.91	1.91	1.91	4.91	4.91	-	-	-	15.54	5.90			
7	7	7	14	24	-	-	-	1.82	1.82	1.82	3.64	6.24	-	-	-	15.33	5.89			
7	7	7	14	18	-	-	-	1.96	1.96	1.96	3.93	5.05	-	-	-	14.87	5.90			
7	7	7	14	14	-	-	-	2.05	2.05	2.05	4.10	4.10	-	-	-	14.35	5.35			
7	7	7	12	24	-	-	-	1.91	1.91	1.91	3.28	6.54	-	-	-	15.54	5.90			
7	7	7	12	18	-	-	-	2.05	2.05	2.05	3.52	5.27	-	-	-	14.94	5.65			
7	7	7	12	14	-	-	-	2.05	2.05	2.05	3.52	4.10	-	-	-	13.77	5.05			
7	7	7	12	12	-	-	-	2.05	2.05	2.05	3.52	3.52	-	-	-	13.19	4.73			
7	7	7	7	9	24	-	-	1.95	1.95	1.95	2.51	6.68	-	-	-	15.04	5.90			
7	7	7	7	9	18	-	-													

8 Rooms Multi cooling

AOYG45LBT8		Combination of Indoor Unit						COOLING OPERATION											
								Cooling Capacity								Total	Input power		
								Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8				
6 Room	7	9	9	9	9	18	-	-	kW	kW	kW	kW	kW	kW	kW	kW	kW		
	7	9	9	9	9	12	-	-	1.79	2.30	2.30	2.30	2.30	4.59	-	-	15.57	5.88	
	7	9	9	9	9	9	-	-	1.93	2.49	2.49	2.49	2.49	3.32	-	-	15.22	5.90	
	7	9	9	9	9	9	-	-	2.05	2.64	2.64	2.64	2.64	2.64	-	-	15.25	5.79	
	7	7	12	12	12	12	-	-	1.77	1.77	3.04	3.04	3.04	3.04	-	-	15.69	5.87	
	7	7	9	12	12	14	-	-	1.79	1.79	2.30	3.07	3.07	3.57	-	-	15.57	5.88	
	7	7	9	12	12	12	-	-	1.82	1.82	2.34	3.12	3.12	3.12	-	-	15.34	5.89	
	7	7	9	9	14	14	-	-	1.80	1.80	2.32	2.32	3.60	3.60	-	-	15.45	5.89	
	7	7	9	9	12	18	-	-	1.77	1.77	2.28	2.28	3.04	4.55	-	-	15.69	5.87	
	7	7	9	9	12	14	-	-	1.83	1.83	2.36	2.36	3.15	3.67	-	-	15.21	5.90	
	7	7	9	9	12	12	-	-	1.92	1.92	2.47	2.47	3.30	3.30	-	-	15.38	5.90	
	7	7	9	9	9	18	-	-	1.82	1.82	2.34	2.34	2.34	4.67	-	-	15.33	5.89	
	7	7	9	9	9	14	-	-	1.93	1.93	2.49	2.49	2.49	3.87	-	-	15.21	5.90	
	7	7	9	9	9	12	-	-	1.96	1.96	2.53	2.53	2.53	3.37	-	-	14.88	5.90	
	7	7	9	9	9	9	-	-	2.05	2.05	2.64	2.64	2.64	2.64	-	-	14.66	5.50	
	7	7	7	12	14	14	-	-	1.79	1.79	1.79	3.07	3.57	3.57	-	-	15.57	5.88	
	7	7	7	12	12	14	-	-	1.82	1.82	1.82	3.12	3.12	3.64	-	-	15.33	5.89	
	7	7	7	12	12	12	-	-	1.91	1.91	1.91	3.28	3.28	3.28	-	-	15.55	5.90	
	7	7	7	9	14	18	-	-	1.77	1.77	1.77	2.28	3.54	4.55	-	-	15.68	5.87	
	7	7	7	9	14	14	-	-	1.84	1.84	1.84	2.36	3.67	3.67	-	-	15.21	5.90	
	7	7	7	9	12	18	-	-	1.80	1.80	1.80	2.32	3.09	4.63	-	-	15.45	5.89	
	7	7	7	9	12	14	-	-	1.92	1.92	1.92	2.47	3.30	3.84	-	-	15.38	5.90	
	7	7	7	9	12	12	-	-	1.95	1.95	1.95	2.51	3.35	3.35	-	-	15.05	5.90	
	7	7	7	9	9	18	-	-	1.91	1.91	1.91	2.46	2.46	4.90	-	-	15.54	5.90	
	7	7	7	9	9	14	-	-	1.96	1.96	1.96	2.53	2.53	3.93	-	-	14.87	5.90	
	7	7	7	9	9	12	-	-	2.05	2.05	2.05	2.64	2.64	3.52	-	-	14.95	5.65	
	7	7	7	9	9	9	-	-	2.05	2.05	2.05	2.64	2.64	2.64	-	-	14.07	5.20	
	7	7	7	7	14	18	-	-	1.80	1.80	1.80	1.80	3.60	4.63	-	-	15.45	5.89	
	7	7	7	7	14	14	-	-	1.92	1.92	1.92	3.84	3.84	-	-	15.37	5.90		
	7	7	7	7	12	18	-	-	1.84	1.84	1.84	1.84	3.15	4.72	-	-	15.21	5.90	
	7	7	7	7	12	14	-	-	1.95	1.95	1.95	1.95	3.35	3.90	-	-	15.04	5.90	
	7	7	7	7	12	12	-	-	2.05	2.05	2.05	2.05	3.52	3.52	-	-	15.24	5.79	
	7	7	7	7	9	24	-	-	1.79	1.79	1.79	2.30	6.12	-	-	15.27	1.98		
	7	7	7	7	9	18	-	-	1.93	1.93	1.93	1.93	2.49	4.97	-	-	15.21	5.90	
	7	7	7	7	9	14	-	-	2.05	2.05	2.05	2.05	2.64	4.10	-	-	14.94	5.65	
	7	7	7	7	9	12	-	-	2.05	2.05	2.05	2.05	2.64	3.52	-	-	14.36	5.35	
	7	7	7	7	7	9	-	-	2.05	2.05	2.05	2.05	2.64	2.64	-	-	13.48	4.89	
	7	7	7	7	7	24	-	-	1.82	1.82	1.82	1.82	1.82	6.24	-	-	15.33	5.89	
	7	7	7	7	7	18	-	-	1.96	1.96	1.96	1.96	1.96	5.05	-	-	14.87	5.90	
	7	7	7	7	7	14	-	-	2.05	2.05	2.05	2.05	2.05	4.10	-	-	14.35	5.35	
	7	7	7	7	7	12	-	-	2.05	2.05	2.05	2.05	2.05	3.52	-	-	13.77	5.05	
	7	7	7	7	7	9	-	-	2.05	2.05	2.05	2.05	2.05	2.64	-	-	12.89	4.57	
7	7	7	7	7	7	-	-	2.05	2.05	2.05	2.05	2.05	2.05	-	-	12.30	4.24		
7 Room	7	9	9	9	9	9	9	-	1.78	2.30	2.30	2.30	2.30	2.30	2.30	-	15.57	5.88	
	7	7	9	9	9	9	12	-	1.77	1.77	2.28	2.28	2.28	2.28	3.04	-	15.69	5.87	
	7	7	9	9	9	9	9	-	1.82	1.82	2.34	2.34	2.34	2.34	2.34	-	15.34	5.89	
	7	7	7	9	9	9	14	-	1.77	1.77	1.77	2.28	2.28	2.28	3.54	-	15.69	5.87	
	7	7	7	9	9	9	12	-	1.80	1.80	1.80	2.32	2.32	2.32	3.09	-	15.45	5.89	
	7	7	7	9	9	9	9	-	1.91	1.91	1.91	2.46	2.46	2.46	2.46	-	15.55	5.90	
	7	7	7	7	9	12	12	-	1.79	1.79	1.79	1.79	2.30	3.07	3.07	-	15.57	5.88	
	7	7	7	7	9	9	14	-	1.80	1.80	1.80	1.80	2.32	2.32	3.60	-	15.45	5.89	
	7	7	7	7	9	9	12	-	1.83	1.83	1.83	1.83	2.36	2.36	3.15	-	15.21	5.90	
	7	7	7	7	9	9	9	-	1.93	1.93	1.93	1.93	2.49	2.49	2.49	-	15.21	5.90	
	7	7	7	7	7	12	14	-	1.79	1.79	1.79	1.79	1.79	3.07	3.57	-	15.57	5.88	
	7	7	7	7	7	12	12	-	1.82	1.82	1.82	1.82	1.82	3.12	3.12	-	15.33	5.89	
	7	7	7	7	7	9	18	-	1.77	1.77	1.77	1.77	1.77	2.28	4.55	-	15.68	5.87	
	7	7	7	7	7	9	14	-	1.84	1.84	1.84	1.84	1.84	2.36	3.67	-	15.21	5.90	
	7	7	7	7	7	9	12	-	1.92	1.92	1.92	1.92	1.92	2.47	3.30	-	15.38	5.90	
	7	7	7	7	7	7	9	9	-	1.96	1.96	1.96	1.96	2.53	2.53	-	14.87	5.90	
	7	7	7	7	7	7	18	-	1.80	1.80	1.80	1.80	1.80	4.63	-	-	15.45	5.89	
	7	7	7	7	7	7	14	-	1.92	1.92	1.92	1.92	1.92	3.84	-	-	15.37	5.90	
	7	7	7	7	7	7	12	-	1.95	1.95	1.95	1.95	1.95	3.35	-	-	15.04	5.90	
	7	7	7	7	7	7	9	-	2.05	2.05	2.05	2.05	2.05	2.64	-	-	14.94	5.65	
	8 Room	7	7	7	7	7	7	7	-	2.05	2.05	2.05	2.05	2.05	2.05	2.05	-	14.35	5.35
		7	7	7	7	7	7	9	9	1.77	1.77	1.77	1.77	1.77	2.28	2.28	2.28	15.69	5.87
		7	7	7	7	7	7	9	9	1.80	1.80	1.80	1.80	1.80	2.32	2.32	2.32	15.45	5.89
		7	7	7	7	7	7	7	12	1.79	1.79	1.79	1.79	1.79	1.79	3.07	3.07	15.57	5.88
7		7	7	7	7	7	7	9	1.84	1.84	1.84	1.84	1.84	1.84	2.36	2.36	15.21	5.90	
7		7	7	7	7	7	7	7	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	15.37	5.90	

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.

8 Rooms Multi heating

A0YG45LBT8	Combination of Indoor Unit								HEATING OPERATION											Input power
									Heating Capacity										Total	
									Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8				
2 Room	24	24	-	-	-	-	-	-	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
	18	24	-	-	-	-	-	-	7.91	7.91	-	-	-	-	-	-	15.82	5.07		
	18	18	24	-	-	-	-	-	5.86	7.91	-	-	-	-	-	-	13.77	4.21		
	18	18	18	-	-	-	-	-	5.32	5.32	7.18	-	-	-	-	-	17.82	5.98		
	14	24	24	-	-	-	-	-	5.79	5.79	5.79	-	-	-	-	-	17.38	5.43		
	14	18	24	-	-	-	-	-	4.26	7.02	7.02	-	-	-	-	-	18.31	5.98		
	14	18	18	-	-	-	-	-	4.59	5.61	7.57	-	-	-	-	-	17.77	5.70		
	14	14	24	-	-	-	-	-	4.78	5.84	5.84	-	-	-	-	-	16.46	5.11		
	14	14	24	-	-	-	-	-	4.75	4.75	7.82	-	-	-	-	-	17.32	5.23		
	14	14	18	-	-	-	-	-	4.80	4.80	5.86	-	-	-	-	-	15.46	4.75		
3 Room	14*	14*	14*	-	-	-	-	-	4.80	4.80	4.80	-	-	-	-	-	14.40	4.21		
	12	24	24	-	-	-	-	-	3.58	7.15	7.15	-	-	-	-	-	17.89	5.98		
	12	18	24	-	-	-	-	-	3.84	5.68	7.67	-	-	-	-	-	17.19	5.43		
	12	18	18	-	-	-	-	-	3.96	5.86	5.86	-	-	-	-	-	15.68	5.07		
	12	14	24	-	-	-	-	-	3.94	4.78	7.87	-	-	-	-	-	16.59	5.11		
	12	14	18	-	-	-	-	-	3.96	4.80	5.86	-	-	-	-	-	14.62	4.46		
	12*	14*	14*	-	-	-	-	-	3.96	4.80	4.80	-	-	-	-	-	13.56	4.00		
	12	12	24	-	-	-	-	-	3.96	3.96	7.91	-	-	-	-	-	15.83	5.07		
	12	12	18	-	-	-	-	-	3.96	3.96	5.86	-	-	-	-	-	13.78	4.21		
	9	24	24	-	-	-	-	-	2.85	7.54	7.54	-	-	-	-	-	17.93	5.87		
	9	18	24	-	-	-	-	-	2.97	5.83	7.87	-	-	-	-	-	16.67	5.16		
	9	18	18	-	-	-	-	-	2.99	5.86	5.86	-	-	-	-	-	14.71	4.60		
	9	14	24	-	-	-	-	-	2.99	4.80	7.91	-	-	-	-	-	15.70	4.91		
	9	14	18	-	-	-	-	-	2.99	4.80	5.86	-	-	-	-	-	13.65	4.10		
	9	12	24	-	-	-	-	-	2.99	3.96	7.91	-	-	-	-	-	14.86	4.60		
	9	12	18	-	-	-	-	-	2.99	3.96	5.86	-	-	-	-	-	12.81	3.90		
	9	9	24	-	-	-	-	-	2.99	2.99	7.91	-	-	-	-	-	13.89	4.21		
	7	24	24	-	-	-	-	-	2.28	7.61	7.61	-	-	-	-	-	17.51	5.56		
	7	18	24	-	-	-	-	-	2.37	5.85	7.90	-	-	-	-	-	16.12	5.08		
	7	18	18	-	-	-	-	-	2.37	5.86	5.86	-	-	-	-	-	14.09	4.33		
4 Room <td>7</td> <td>14</td> <td>24</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>2.37</td> <td>4.80</td> <td>7.91</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>15.08</td> <td>4.60</td>	7	14	24	-	-	-	-	-	2.37	4.80	7.91	-	-	-	-	-	15.08	4.60		
	7	14	18	-	-	-	-	-	2.37	4.80	5.86	-	-	-	-	-	13.03	3.90		
	7	12	24	-	-	-	-	-	2.37	3.96	7.91	-	-	-	-	-	14.24	4.33		
	7	9	24	-	-	-	-	-	2.37	2.99	7.91	-	-	-	-	-	13.27	4.00		
	14	14	14	18	-	-	-	-	4.30	4.30	4.30	5.24	-	-	-	-	18.13	5.98		
	14	14	14	14	-	-	-	-	4.55	4.55	4.55	4.55	-	-	-	-	18.20	5.70		
	12	14	18	18	-	-	-	-	3.53	4.28	5.22	5.22	-	-	-	-	18.24	5.98		
	12	14	14	18	-	-	-	-	3.61	4.38	4.38	5.34	-	-	-	-	17.71	5.98		
	12	14	14	14	-	-	-	-	3.80	4.61	4.61	4.61	-	-	-	-	17.62	5.43		
	12	12	18	18	-	-	-	-	3.59	3.59	5.32	5.32	-	-	-	-	17.82	5.98		
	12	12	14	24	-	-	-	-	3.52	3.52	4.26	7.02	-	-	-	-	18.32	5.98		
	12	12	14	18	-	-	-	-	3.79	3.79	4.59	5.61	-	-	-	-	17.77	5.70		
	12	12	14	14	-	-	-	-	3.92	3.92	4.75	4.75	-	-	-	-	17.33	5.23		
	12	12	12	24	-	-	-	-	3.58	3.58	3.58	7.15	-	-	-	-	17.90	5.98		
	12	12	12	18	-	-	-	-	3.84	3.84	3.84	5.68	-	-	-	-	17.20	5.43		
	12	12	12	14	-	-	-	-	3.94	3.94	3.94	4.78	-	-	-	-	16.60	5.11		
	12	12	12	12	-	-	-	-	3.96	3.96	3.96	3.96	-	-	-	-	15.84	5.07		
	9	14	18	18	-	-	-	-	2.72	4.37	5.33	5.33	-	-	-	-	17.76	5.98		
	9	14	14	24	-	-	-	-	2.66	4.27	4.27	7.04	-	-	-	-	18.25	5.98		
	9	14	14	18	-	-	-	-	2.87	4.60	4.60	5.62	-	-	-	-	17.68	5.56		
9	14	14	14	-	-	-	-	2.96	4.75	4.75	4.75	-	-	-	-	17.22	5.16			
9	12	18	18	-	-	-	-	2.86	3.78	5.60	5.60	-	-	-	-	17.84	5.87			
9	12	14	24	-	-	-	-	2.71	3.59	4.35	7.17	-	-	-	-	17.83	5.98			
9	12	14	18	-	-	-	-	2.90	3.85	4.66	5.69	-	-	-	-	17.11	5.32			
9	12	14	14	-	-	-	-	2.98	3.94	4.78	4.78	-	-	-	-	16.48	5.08			
9	12	12	24	-	-	-	-	2.85	3.77	3.77	7.54	-	-	-	-	17.94	5.87			
9	12	12	18	-	-	-	-	2.97	3.94	3.94	5.83	-	-	-	-	16.67	5.16			
9	12	12	14	-	-	-	-	2.99	3.96	3.96	4.80	-	-	-	-	15.71	4.91			
9	12	12	12	-	-	-	-	2.99	3.96	3.96	3.96	-	-	-	-	14.87	4.60			
9	9	18	24	-	-	-	-	2.71	2.71	5.30	7.16	-	-	-	-	17.88	5.98			
9	9	18	18	-	-	-	-	2.90	2.90	5.68	5.68	-	-	-	-	17.17	5.43			
9	9	14	24	-	-	-	-	2.86	2.86	4.58	7.55	-	-	-	-	17.85	5.70			
9	9	14	18	-	-	-	-	2.98	2.98	4.78	5.83	-	-	-	-	16.56	5.11			
9	9	14	14	-	-	-	-	2.99	2.99	4.80	4.80	-	-	-	-	15.58	4.75			
9	9	12	24	-	-	-	-	2.89	2.89	3.83	7.65	-	-	-	-	17.27	5.43			
9	9	12	18	-	-	-	-	2.99	2.99	3.96	5.86	-	-	-	-	15.80	5.07			
9	9	12	14	-	-	-	-	2.99	2.99	3.96	4.80	-	-	-	-	14.74	4.46			
9	9	9	24	-	-	-	-	2.99	2.99	3.96	3.96	-	-	-	-	13.90	4.21			
9	9	9	18	-	-	-	-	2.97	2.97	2.97	7.86	-	-	-	-	16.77	5.16			
9	9	9	14	-	-	-	-	2.99	2.99	2.99	5.86	-	-	-	-	14.83	4.60			
9	9	9	12	-	-	-	-	2.99	2.99	2.99	4.80	-	-	-	-	13.77	4.10			
9	9	9	12	-	-	-	-	2.99	2.99	2.99	3.96	-	-	-	-	12.93	3.90			
7	18	18	18	-	-	-	-	2.14	5.28	5.28	5.28	-	-	-	-	17.98	5.98			
7	14	18	18	-	-	-	-	2.26	4.57	5.58	5.58	-	-	-	-	17.99	5.87			
7	14	14	24	-	-	-	-	2.14	4.33	4.33	7.14	-	-	-	-	17.94	5.98			
7	14	14	18	-	-	-	-	2.29	4.65	4.65	5.67	-	-	-	-	17.26	5.32			
7	14	14	14	-	-	-	-	2.36	4.77	4.77	4.77	-	-	-	-	16.67	5.08			
7	12	18	24	-	-	-	-	2.13	3.56	5.26	7.10	-	-	-	-	18.05	5.98			
7	12	18	18	-	-	-	-	2.29	3.82	5.65	5.65	-	-	-	-	17.41	5.56			
7	12	14	24	-	-	-	-	2.25	3.76	4.56	7.52	-	-	-	-	18.09	5.87			
7	12	14	18	-	-	-	-	2.35	3.93	4.77	5.82	-	-	-	-	16.87	5.16			
7	12	14	14	-	-	-	-	2.37	3.96	4.80	4.80	-	-	-	-	15.93	4.91			
7	12	12	24	-	-	-	-	2.28	3.81	3.81	7.61	-	-	-	-	17.51	5.56			
7	12	12	18	-	-	-	-	2.37	3.96	3.96	5.85	-	-	-	-	16.13	5.08			
7	12	12	14	-	-	-	-	2.37	3.96	3.96	4.80	-	-	-	-	15.09	4.60			
7	12	12	12	-	-	-	-	2.37	3.96	3.96	3.96	-	-	-	-	14.25	4.33			
7	9	18	24	-	-	-	-	2.25	2.84	5.56	7.51	-	-	-	-	18.15	5.98			
7	9	18	18	-	-	-	-	2.35	2.97	5.81	5.81	-	-	-	-	16.95	5.23			
7	9	14	24	-	-	-	-	2.29	2.88	4.63	7.63	-	-	-	-	17.42	5.23			
7	9	14	18	-	-	-	-	2.37	2.99	4.80	5.86	-	-	-	-	16.02</				

8 Rooms Multi heating

AOYG45LBT8	Combination of Indoor Unit								HEATING OPERATION									
									Heating Capacity								Total	Input power
									Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8		
									kW	kW	kW	kW	kW	kW	kW	kW		
4 Room	7	7	14	18	-	-	-	-	2.37	2.37	4.80	5.86	-	-	-	15.40	4.75	
	7	7	14	14	-	-	-	-	2.37	2.37	4.80	4.80	-	-	-	14.34	4.21	
	7	7	12	24	-	-	-	-	2.36	2.36	3.94	7.87	-	-	-	16.53	5.11	
	7	7	12	18	-	-	-	-	2.37	2.37	3.96	5.86	-	-	-	14.56	4.46	
	7	7	12	14	-	-	-	-	2.37	2.37	3.96	4.80	-	-	-	13.50	4.00	
	7	7	9	24	-	-	-	-	2.37	2.37	2.99	7.91	-	-	-	15.64	4.91	
	7	7	9	18	-	-	-	-	2.37	2.37	2.99	5.86	-	-	-	13.59	4.10	
	7	7	7	24	-	-	-	-	2.37	2.37	2.37	7.91	-	-	-	15.02	4.60	
	7	7	7	18	-	-	-	-	2.37	2.37	2.37	5.86	-	-	-	12.97	3.90	
	12	12	12	12	14	-	-	-	3.51	3.51	3.51	3.51	4.26	-	-	18.32	5.98	
	12	12	12	12	12	-	-	-	3.58	3.58	3.58	3.58	3.58	-	-	17.90	5.98	
	9	12	12	14	14	-	-	-	2.66	3.52	3.52	4.27	4.27	-	-	18.26	5.98	
	9	12	12	14	14	-	-	-	2.71	3.59	3.59	3.59	4.35	-	-	17.84	5.98	
	9	12	12	12	12	-	-	-	2.85	3.77	3.77	3.77	3.77	-	-	17.95	5.87	
	9	9	14	14	14	-	-	-	2.67	2.67	4.28	4.28	4.28	-	-	18.19	5.98	
9	9	12	14	18	-	-	-	2.66	2.66	3.52	4.26	5.21	-	-	18.30	5.98		
9	9	12	14	14	-	-	-	2.72	2.72	3.60	4.37	4.37	-	-	17.77	5.98		
9	9	12	12	18	-	-	-	2.71	2.71	3.58	3.58	5.30	-	-	17.88	5.98		
9	9	12	12	14	-	-	-	2.86	2.86	3.78	3.78	4.58	-	-	17.86	5.70		
9	9	12	12	12	-	-	-	2.89	2.89	3.83	3.83	3.83	-	-	17.28	5.43		
9	9	9	14	18	-	-	-	2.71	2.71	2.71	4.36	5.32	-	-	17.82	5.98		
9	9	9	14	14	-	-	-	2.86	2.86	2.86	4.59	4.59	-	-	17.77	5.56		
9	9	9	12	18	-	-	-	2.85	2.85	2.85	3.78	5.59	-	-	17.92	5.87		
9	9	9	12	14	-	-	-	2.90	2.90	2.90	3.84	4.65	-	-	17.19	5.32		
9	9	9	12	12	-	-	-	2.97	2.97	2.97	3.93	3.93	-	-	16.78	5.16		
9	9	9	9	24	-	-	-	2.70	2.70	2.70	2.70	7.14	-	-	17.94	5.98		
9	9	9	9	18	-	-	-	2.89	2.89	2.89	2.89	5.67	-	-	17.25	5.43		
9	9	9	9	14	-	-	-	2.97	2.97	2.97	2.97	4.77	-	-	16.67	5.11		
9	9	9	9	12	-	-	-	2.99	2.99	2.99	2.99	3.96	-	-	15.92	5.07		
9	9	9	9	9	-	-	-	2.99	2.99	2.99	2.99	2.99	-	-	14.95	4.60		
7	12	14	14	14	-	-	-	2.10	3.51	4.25	4.25	4.25	-	-	18.37	5.98		
7	12	12	14	14	-	-	-	2.14	3.57	3.57	4.33	4.33	-	-	17.95	5.98		
7	12	12	12	18	-	-	-	2.13	3.56	3.56	3.56	5.26	-	-	18.06	5.98		
7	12	12	12	14	-	-	-	2.25	3.76	3.76	3.76	4.56	-	-	18.10	5.87		
7	12	12	12	12	-	-	-	2.28	3.81	3.81	3.81	3.81	-	-	17.52	5.56		
7	9	14	14	18	-	-	-	2.09	2.64	4.24	4.24	5.18	-	-	18.40	5.98		
7	9	14	14	14	-	-	-	2.14	2.71	4.34	4.34	4.34	-	-	17.88	5.98		
7	9	12	14	18	-	-	-	2.13	2.69	3.57	4.32	5.28	-	-	17.99	5.98		
7	9	12	14	14	-	-	-	2.26	2.85	3.77	4.57	4.57	-	-	18.01	5.70		
7	9	12	12	18	-	-	-	2.25	2.84	3.76	3.76	5.56	-	-	18.16	5.98		
7	9	12	12	14	-	-	-	2.28	2.88	3.82	3.82	4.63	-	-	17.63	5.43		
7	9	12	12	12	-	-	-	2.35	2.96	3.92	3.92	3.92	-	-	17.09	5.23		
7	9	9	18	18	-	-	-	2.13	2.69	2.69	5.27	5.27	-	-	18.04	5.98		
7	9	9	14	18	-	-	-	2.25	2.84	2.84	4.56	5.57	-	-	18.07	5.87		
7	9	9	14	14	-	-	-	2.29	2.89	2.89	4.64	4.64	-	-	17.34	5.32		
7	9	9	12	24	-	-	-	2.12	2.68	2.68	3.55	7.08	-	-	18.11	5.98		
7	9	9	12	18	-	-	-	2.28	2.88	2.88	3.81	5.64	-	-	17.49	5.56		
7	9	9	12	14	-	-	-	2.35	2.97	2.97	3.93	4.76	-	-	16.97	5.16		
7	9	9	12	12	-	-	-	2.37	2.98	2.98	3.95	3.95	-	-	16.24	5.08		
7	9	9	9	24	-	-	-	2.17	2.74	2.74	2.74	7.24	-	-	17.63	5.98		
7	9	9	9	18	-	-	-	2.35	2.96	2.96	2.96	5.81	-	-	17.05	5.23		
7	9	9	9	14	-	-	-	2.37	2.99	2.99	2.99	4.79	-	-	16.12	5.07		
7	9	9	9	12	-	-	-	2.37	2.99	2.99	2.99	3.96	-	-	15.30	4.75		
7	9	9	9	9	-	-	-	2.37	2.99	2.99	2.99	2.99	-	-	14.33	4.33		
7	7	14	14	18	-	-	-	2.12	2.12	4.30	4.30	5.25	-	-	18.10	5.98		
7	7	14	14	14	-	-	-	2.25	2.25	4.55	4.55	4.55	-	-	18.16	5.70		
7	7	12	18	18	-	-	-	2.11	2.11	3.53	5.23	5.23	-	-	18.21	5.98		
7	7	12	14	18	-	-	-	2.16	2.16	3.62	4.38	5.35	-	-	17.68	5.98		
7	7	12	14	14	-	-	-	2.28	2.28	3.80	4.61	4.61	-	-	17.58	5.43		
7	7	12	12	24	-	-	-	2.11	2.11	3.52	3.52	7.03	-	-	18.29	5.98		
7	7	12	12	14	-	-	-	2.35	2.35	3.92	3.92	4.75	-	-	17.28	5.23		
7	7	12	12	12	-	-	-	2.36	2.36	3.94	3.94	3.94	-	-	16.54	5.11		
7	7	9	18	18	-	-	-	2.16	2.16	2.72	5.34	5.34	-	-	17.73	5.98		
7	7	9	14	24	-	-	-	2.11	2.11	2.67	4.28	7.05	-	-	18.22	5.98		
7	7	9	14	18	-	-	-	2.27	2.27	2.87	4.61	5.62	-	-	17.64	5.56		
7	7	9	14	14	-	-	-	2.35	2.35	2.96	4.75	4.75	-	-	17.16	5.16		
7	7	9	12	24	-	-	-	2.15	2.15	2.72	3.60	7.18	-	-	17.80	5.98		
7	7	9	12	18	-	-	-	2.34	2.34	2.96	3.92	5.80	-	-	17.36	5.32		
7	7	9	12	14	-	-	-	2.36	2.36	2.98	3.95	4.78	-	-	16.43	5.08		
7	7	9	12	12	-	-	-	2.37	2.37	2.99	3.96	3.96	-	-	15.65	4.91		
7	7	9	9	24	-	-	-	2.27	2.27	2.86	2.86	7.56	-	-	17.81	5.70		
7	7	9	9	18	-	-	-	2.36	2.36	2.98	2.98	5.83	-	-	16.51	5.11		
7	7	9	9	14	-	-	-	2.37	2.37	2.99	2.99	4.80	-	-	15.52	4.75		
7	7	9	9	12	-	-	-	2.37	2.37	2.99	2.99	3.96	-	-	14.68	4.46		
7	7	9	9	9	-	-	-	2.37	2.37	2.99	2.99	2.99	-	-	13.71	4.10		
7	7	7	18	18	-	-	-	2.26	2.26	2.26	5.58	5.58	-	-	17.95	5.87		
7	7	7	14	24	-	-	-	2.14	2.14	2.14	4.34	7.15	-	-	17.91	5.98		
7	7	7	14	18	-	-	-	2.30	2.30	2.30	4.65	5.68	-	-	17.22	5.32		
7	7	7	14	14	-	-	-	2.36	2.36	2.36	4.77	4.77	-	-	16.62	5.08		
7	7	7	12	24	-	-	-	2.25	2.25	2.25	3.77	7.52	-	-	18.05	5.87		
7	7	7	12	18	-	-	-	2.35	2.35	2.35	3.93	5.82	-	-	16.81	5.16		
7	7	7	12	14	-	-	-	2.37	2.37	2.37	3.96	4.80	-	-	15.87	4.91		
7	7	7	12	12	-	-	-	2.37	2.37	2.37	3.96	3.96	-	-	15.03	4.60		
7	7	7	9	24	-	-	-	2.29	2.29	2.29	2.89	7.63	-	-	17.38	5.43		
7	7	7	9	18	-	-	-	2.37	2.37	2.37	2.99	5.86	-	-	15.96	5.07		
7	7	7	9	14	-	-	-	2.37	2.37	2.37	2.99	4.80	-	-	14.90	4.46		
7	7	7	9	12	-	-	-	2.37	2.37	2.37	2.99	3.96	-	-	14.06	4.21		
7	7	7	9	9	-	-	-	2.37	2.37	2.37	2.99	2.99	-	-	13.09	3.90		

8 Rooms Multi heating

AOYG45LBT8		Combination of Indoor Unit						HEATING OPERATION											
								Heating Capacity										Input power	
								Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Total			
								kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
6 Room	7	9	9	9	9	18	-	-	2.12	2.68	2.68	2.68	2.68	5.25	-	-	18.10	5.98	
	7	9	9	9	9	12	-	-	2.28	2.87	2.87	2.87	2.87	3.81	-	-	17.57	5.56	
	7	9	9	9	9	9	-	-	2.35	2.96	2.96	2.96	2.96	2.96	-	-	17.16	5.23	
	7	7	12	12	12	12	-	-	2.11	2.11	3.52	3.52	3.52	3.52	-	-	18.29	5.98	
	7	7	9	12	12	14	-	-	2.11	2.11	2.66	3.53	3.53	4.28	-	-	18.23	5.98	
	7	7	9	12	12	12	-	-	2.15	2.15	2.71	3.60	3.60	3.60	-	-	17.81	5.98	
	7	7	9	9	14	14	-	-	2.12	2.12	2.67	2.67	4.29	4.29	-	-	18.16	5.98	
	7	7	9	9	12	18	-	-	2.11	2.11	2.66	2.66	3.52	5.21	-	-	18.27	5.98	
	7	7	9	9	12	14	-	-	2.16	2.16	2.72	2.72	3.61	4.37	-	-	17.74	5.98	
	7	7	9	9	12	12	-	-	2.27	2.27	2.86	2.86	3.78	3.78	-	-	17.82	5.70	
	7	7	9	9	9	18	-	-	2.15	2.15	2.72	2.72	2.72	5.33	-	-	17.79	5.98	
	7	7	9	9	9	14	-	-	2.27	2.27	2.86	2.86	2.86	4.60	-	-	17.73	5.56	
	7	7	9	9	9	12	-	-	2.30	2.30	2.90	2.90	2.90	3.84	-	-	17.15	5.32	
	7	7	9	9	9	9	-	-	2.36	2.36	2.97	2.97	2.97	2.97	-	-	16.61	5.11	
	7	7	7	12	14	14	-	-	2.10	2.10	2.10	3.51	4.26	4.26	-	-	18.34	5.98	
	7	7	7	12	12	14	-	-	2.14	2.14	2.14	3.58	3.58	4.34	-	-	17.92	5.98	
	7	7	7	12	12	12	-	-	2.25	2.25	2.25	3.77	3.77	3.77	-	-	18.06	5.87	
	7	7	7	9	14	18	-	-	2.10	2.10	2.10	2.65	4.25	5.19	-	-	18.38	5.98	
	7	7	7	9	14	14	-	-	2.15	2.15	2.15	2.71	4.35	4.35	-	-	17.85	5.98	
	7	7	7	9	12	18	-	-	2.14	2.14	2.14	2.70	3.57	5.28	-	-	17.96	5.98	
	7	7	7	9	12	14	-	-	2.26	2.26	2.26	2.85	3.77	4.57	-	-	17.97	5.70	
	7	7	7	9	12	12	-	-	2.29	2.29	2.29	2.89	3.82	3.82	-	-	17.39	5.43	
	7	7	7	9	9	18	-	-	2.25	2.25	2.25	2.84	2.84	5.57	-	-	18.03	5.87	
	7	7	7	9	9	14	-	-	2.29	2.29	2.29	2.89	2.89	4.64	-	-	17.30	5.32	
	7	7	7	9	9	12	-	-	2.35	2.35	2.35	2.97	2.97	3.93	-	-	16.92	5.16	
	7	7	7	9	9	9	-	-	2.37	2.37	2.37	2.99	2.99	2.99	-	-	16.07	5.07	
	7	7	7	7	14	18	-	-	2.13	2.13	2.13	2.13	4.31	5.26	-	-	18.07	5.98	
	7	7	7	7	14	14	-	-	2.25	2.25	2.25	2.25	4.56	4.56	-	-	18.12	5.70	
	7	7	7	7	12	18	-	-	2.17	2.17	2.17	2.17	3.62	5.36	-	-	17.65	5.98	
	7	7	7	7	12	14	-	-	2.28	2.28	2.28	2.28	3.81	4.62	-	-	17.54	5.43	
	7	7	7	7	12	12	-	-	2.35	2.35	2.35	2.35	3.92	3.92	-	-	17.23	5.23	
	7	7	7	7	9	24	-	-	2.12	2.12	2.12	2.12	2.67	7.06	-	-	18.19	5.98	
	7	7	7	7	9	18	-	-	2.28	2.28	2.28	2.28	2.87	5.63	-	-	17.60	5.56	
	7	7	7	7	9	14	-	-	2.35	2.35	2.35	2.35	2.96	4.76	-	-	17.11	5.16	
	7	7	7	7	9	12	-	-	2.36	2.36	2.36	2.36	2.98	3.95	-	-	16.38	5.08	
	7	7	7	7	9	9	-	-	2.37	2.37	2.37	2.37	2.99	2.99	-	-	15.46	4.75	
7	7	7	7	7	24	-	-	2.14	2.14	2.14	2.14	2.14	7.16	-	-	17.88	5.98		
7	7	7	7	7	18	-	-	2.30	2.30	2.30	2.30	2.30	5.68	-	-	17.18	5.32		
7	7	7	7	7	14	-	-	2.36	2.36	2.36	2.36	2.36	4.78	-	-	16.57	5.08		
7	7	7	7	7	12	-	-	2.37	2.37	2.37	2.37	2.37	3.96	-	-	15.81	4.91		
7	7	7	7	7	9	-	-	2.37	2.37	2.37	2.37	2.37	2.99	-	-	14.84	4.46		
7	7	7	7	7	7	-	-	2.37	2.37	2.37	2.37	2.37	2.37	-	-	14.22	4.21		
7 Room	7	9	9	9	9	9	9	-	2.12	2.67	2.67	2.67	2.67	2.67	2.67	-	18.16	5.98	
	7	7	9	9	9	9	12	-	2.10	2.10	2.65	2.65	2.65	2.65	3.51	-	18.33	5.98	
	7	7	9	9	9	9	9	-	2.15	2.15	2.71	2.71	2.71	2.71	2.71	-	17.85	5.98	
	7	7	7	9	9	9	14	-	2.09	2.09	2.09	2.63	2.63	2.63	4.23	-	18.40	5.98	
	7	7	7	9	9	9	12	-	2.13	2.13	2.13	2.69	2.69	2.69	3.56	-	18.02	5.98	
	7	7	7	9	9	9	9	-	2.25	2.25	2.25	2.84	2.84	2.84	2.84	-	18.11	5.87	
	7	7	7	7	9	12	12	-	2.11	2.11	2.11	2.11	2.67	3.53	3.53	-	18.20	5.98	
	7	7	7	7	9	9	14	-	2.12	2.12	2.12	2.12	2.68	2.68	4.30	-	18.13	5.98	
	7	7	7	7	9	9	12	-	2.16	2.16	2.16	2.16	2.73	2.73	3.61	-	17.71	5.98	
	7	7	7	7	9	9	9	-	2.27	2.27	2.27	2.27	2.87	2.87	2.87	-	17.68	5.56	
	7	7	7	7	7	12	14	-	2.10	2.10	2.10	2.10	2.10	3.52	4.26	-	18.31	5.98	
	7	7	7	7	7	12	12	-	2.14	2.14	2.14	2.14	2.14	3.58	3.58	-	17.89	5.98	
	7	7	7	7	7	9	18	-	2.10	2.10	2.10	2.10	2.10	2.65	5.19	-	18.35	5.98	
	7	7	7	7	7	9	14	-	2.15	2.15	2.15	2.15	2.15	2.71	4.36	-	17.82	5.98	
	7	7	7	7	7	9	12	-	2.26	2.26	2.26	2.26	2.26	2.85	3.78	-	17.93	5.70	
	7	7	7	7	7	7	9	9	-	2.29	2.29	2.29	2.29	2.29	2.89	2.89	-	17.26	5.32
	7	7	7	7	7	7	18	-	2.13	2.13	2.13	2.13	2.13	2.13	5.26	-	18.04	5.98	
	7	7	7	7	7	7	14	-	2.25	2.25	2.25	2.25	2.25	2.25	4.56	-	18.08	5.70	
	7	7	7	7	7	7	12	-	2.28	2.28	2.28	2.28	2.28	2.28	3.81	-	17.50	5.43	
	7	7	7	7	7	7	9	-	2.35	2.35	2.35	2.35	2.35	2.35	2.96	-	17.06	5.16	
	8 Room	7	7	7	7	7	7	7	-	2.36	2.36	2.36	2.36	2.36	2.36	2.36	-	16.52	5.08
		7	7	7	7	7	7	9	9	2.09	2.09	2.09	2.09	2.09	2.64	2.64	2.64	18.40	5.98
		7	7	7	7	7	7	9	9	2.12	2.12	2.12	2.12	2.12	2.12	2.68	2.68	18.10	5.98
		7	7	7	7	7	7	7	12	2.11	2.11	2.11	2.11	2.11	2.11	2.11	3.52	18.28	5.98
7		7	7	7	7	7	7	9	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.72	17.79	5.98	
7	7	7	7	7	7	7	7	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	18.04	5.70		

Note: •Heating capacity is based on 20°CDB(indoor temperature),7°CDB/6°CWB(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.

OPTIONAL PARTS FOR SPLIT & MULTI SPLIT

[illegible]

Optional parts list (Interface /Communication Kit/External Connect Kit)

Type			Indoor unit																Outdoor unit						
			Wall Mounted					Duct					Cassette				Floor	Ceiling/Floor		Ceiling	Single-phase		3-phase		Simultaneous Multi
			Compact		Large			Slim	Medium static		High static			Compact		Large		Single Split	Single Split						
			ASYG 09/12/LTA	ASYG 07/09/12/14/LUCA	ASYG 07/09/12/14/LMCA	ASYG 18/30/LFCA 24/LFCC	ASYG 30/36/LMTA		ARYG 07/09/LTA 12/14/LTB	ARYG 18/36/LMTA 30/36/LME	ARYG 12/18/24/30/45/54/LHTBP	ARYG 45/54/LHTA	ARYG 60/LHTA	ARYG 72/90/LHTA	AUYG 07/09/12/14/LB	AUYG 22/24/LVLA					AUYG 30/36/LRLA 18/24/30/36/45/54/LRLB	AGYG 09/12/14/LVCA	ABYG 14/18/LVTB	ABYG 22/24/LVTA	
Interface	Wireless LAN Interface		●		●			●						●		●	●		●						
			●		●			●						●		●	●		●						
	KNX Interface		●		●			●						●		●	●		●						
	Modbus Convertor					●				●						●									
	MODBUS Interface		●		●			●						●		●	●		●						
Communication Kit		●	●	●																					
					●																				
External input and output PCB					●			●								●									
External input and output PCB Box					●											●									
External input and output PCB Bracket								●								●									
External Connect Kit								●								●									
					●											●		●	●						
	For Indoor Unit *Duct type is excluded.				●										●		●	●							
	For Indoor Unit *Duct type is excluded.	●																							
	For Outdoor Unit																					●			
	For Outdoor Unit																				●				
External Control Set							●			●		●							●						

Function list

External Control		Input					Output					
		Start/Stop	Peak cut	Low noise	Priority	Emergency stop	Operation status	Error status	Fresh Air	Auxiliary Heater	Base heater	Preparation
Wall Mounted												
Compact	ASYG09/12LTCA (A*)	●2					●2	●2				
	ASYG07/09/12/14LUCA (A*)	●2					●2	●2				
	ASYG07/09/12/14LMCA (B*)	●2					●2	●2				
Large	ASYG18/30LFCA	●1					●1					
	ASYG24LFCC	●1					●1					
	ASYG30/36LMTA (C*)	●1					●1					
Duct												
Slim	ARYG07/09LLTA	●4					●4		●4	●4		
	ARYG12/14/18LLTB	●4					●4		●4	●4		
	ARYG24/36/45LMLA	●4					●4		●4	●4		
Medium Static	ARYG30/36LMLE	●0*					●3	●3	●3	●3		
	ARYG12/14/18/24/30/36/45/54LHTBP (D*)	●0*					●4		●4	●4		
	ARYG45/54LHTA	●4					●4		●4	●4		
High Static	ARYG60LHTA	●4					●4	●4	●4	●4		
	ARYC72/90LHTA	●4					●4	●4	●4	●4		
Cassette												
Compact	AUYG07/09LVLA	●4					●4		●0*			
	AUYG12/14/18LVLB	●4					●4		●0*			
	AUYG24LVLA	●4					●4		●0*			
Large	AUYG30/36LRLA	●4					●4		●0*			
	AUYG36/45/54LRLA	●0*					●3	●3	●3	●3		
	AUXG18/24/30/36/45/54LRLB (E*)	●0*										
Floor												
	AGYG09/12/14LVCA	●1					●1					
Floor Ceiling												
	ABYG14LVTA	●1					●1					
	ABYGLVTB	●1					●1					
	ABYG24LVTA	●1										
Ceiling												
	ABYG30/36LRTE	●1					●1		●4			
	ABYG36/45/54LRTA	●1					●1		●4			
Single phase												
Single Split	AOYG45/54LETL		●6	●6			●6	●6				
8 Rooms Multi	AOYG45LBT8		●6	●6	●6	●6		●6			●7	
Simultaneous Multi	AOYG36/45		●6	●6			●6	●6				
3Phase												
Single Split	AOYG36/45/54/60LATT		●5	●5			●5	●5				
	AOYA72/90LALT		●5	●5			●5	●5			●7	
Simultaneous Multi	AOYG36/45/54LATT		●5	●5			●5	●5				

A* : UTY-TWBXF Communication Kit required

B* : UTY-XCBXZ2 Communication Kit required

C* : UTY-XCSXZ1 External input and output PCB/UTYZ-GXXB External input and output PCB Box required

D* : UTY-XCSX External input and output PCB/UTZ-GXNA External input and output PCB Bracket required

E* : UTY-XCSX External input and output PCB/UTZ-GXRA External input and output PCB Box required

0* : Optional part is not required

Communication Kit



UTY-TWBXF/UTY-XCBXZ2

External input and output PCB



UTY-XCSXZ1/UTY-XCSX

External input and output PCB Box



UTZ-GXXB/UTY-GXRA

External input and output PCB Bracket



UTZ-GXNA

External Connect Kit For Indoor Unit



1=UTY-XWZX



2=UTY-XWZXZ5



3=UTY-XWZXZG

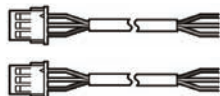
External Control Set For Indoor Unit



4=UTD-ECS5A



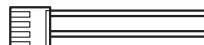
External Connect Kit For Outdoor unit



5=UTY-XWZXZ2



6=UTY-XWZXZ3



7=UTY-XWZXZ4

NEW

Wired Remote Controller (Touch Panel)

UTY-RNRYZ1



Max. Controllable
16 indoor units

Features

Easy operation by high-definition large STN-LCD touch panel screen

- Easy finger touch operation with LCD panel
- Built-in weekly/Daily timer(ON/OFF,Temp.,Mode)
- Backlight enables easy operation in a darkened room
- Room temperature display
- Control up to 16 indoor units
- Corresponds to 12 different languages (English, Chinese, French, German, Spanish, Russian, Polish, Italian, Greek, Portuguese, Turkish and Dutch)
- 2-wire type

High performance and compact size

In addition to the individual control, weekly timer, and various energy saving controls can be realized using one remote controller only.



Accurate and comfortable control

Indoor temperature can be detected accurately by the inclusion of a thermo sensor in the body of the wired controller.



Various energy saving control

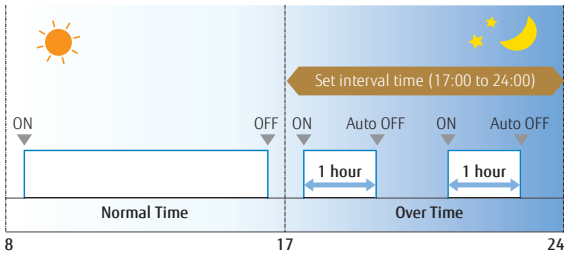
Auto OFF timer

- The indoor unit automatically is turned off when it reaches to the preset operating time frame.
- The time frame of the “Auto off timer” can be flexibly scheduled.
- Can be set off time 30 to 240 minutes

2 schedules Weekly Timer

Set Temperature Auto Return

Set Temperature Upper and Lower Limit Setting



Ex.) At interval time hour (17:00 to 24:00) to prevent forgetting to turn off
Set off time : 1 hour

Specifications

Model name	UTY-RNRYZ1
Power Source	DC 12 V
Dimensions (H × W × D) (mm)	120 × 120 × 20.4
Weight (g)	220

DC12 V is supplied by the indoor unit.

Wired Remote Controller

UTY-RVNYM



Max. Controllable
16 indoor units

Features

Hi-grade individual control using various functions.

- 3.7-inch LCD backlight screen.
- Supporting various Energy Saving functions with simple operation.
- Multiple Language Support.
(English, German, French, Spanish, Russian, Portuguese, Italian, Greek, and Turkish)

High visibility and Easy operation

- Icon display of effectual functions.
- Main functions in large icons: "Mode", "Set Temp", and "Fan".
- Easy to operate by Control guide display.
- Simple operation with easy 4-way navigation pad.



High performance and compact size

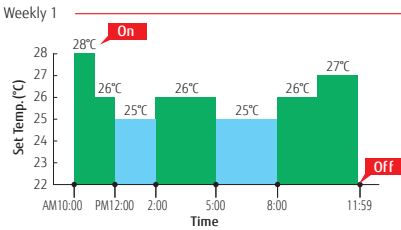
- In addition to the individual control, various energy saving controls can be realized using only one remote controller.



Various energy saving control

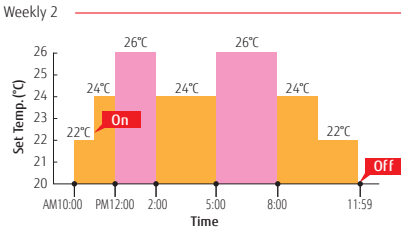
Weekly Timer function

- Can be set up to 8 times per day (On/Off, mode, Temp)
- 2 pattern settings (i.e. Summer/Winter setting) are available.



Setting menu in remote controller

Weekly timer setting										Su 10:00AM	
Week 1	Su	Mo	Tu	We	Th	Fr	Sa				
Day	1	10:00 AM	On	Cool	28°C						
Time	2	11:00 AM	On	Cool	26°C						
End	3	12:00 AM	On	Cool	25°C						
End	4	2:00 PM	On	Cool	26°C						
Back	0										
											Time 5:0



Setting menu in remote controller

Weekly timer setting										Su 10:00AM	
Week 2	Su	Mo	Tu	We	Th	Fr	Sa				
Day	1	10:00 AM	On	Heat	22°C						
Time	2	11:00 AM	On	Heat	24°C						
End	3	12:00 AM	On	Heat	26°C						
End	4	2:00 PM	On	Heat	24°C						
Back	0										
											Time 5:0

Auto OFF Timer

Set Temperature Auto Return

Set Temperature Upper and Lower Limit Setting

Specifications

Model name	UTY-RVNYM
Power Source	DC 12 V
Dimensions (H × W × D) (mm)	120 × 120 × 21.3
Weight (g)	220

DC12 V is supplied by the indoor unit.

NEW

Wired Remote Controller

UTY-RLRY



Max. Controllable
16 indoor units

Features

- Various timer setup (ON / OFF / WEEKLY) are possible.
- The room temperature can be controlled by detecting the temperature accurately with Built-in thermo sensor.
- When a failure occurs, the error code is displayed.
- Error history. (Last 16 error codes can be accessed.)
- 2-wire type

High visibility and easy operation

- “Mode”, “Set Temp”, and “Fan” are displayed at large size on the top screen.
- Each function to be set is indicated by an icon.
- Control guide is displayed and operation is simple and straightforward.



High performance and compact size

In addition to the individual control, weekly timer, and various energy saving controls can be realized using only one remote controller.



Various energy saving control

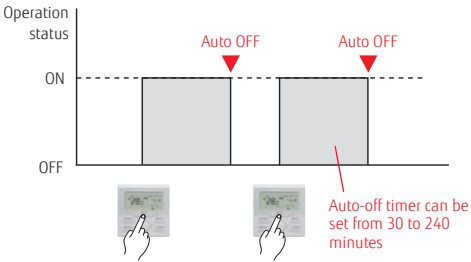
Auto-off timer

- The indoor unit automatically turns off after a set time has passed.

Weekly timer function

Set temperature auto return

Set temperature upper and lower limit setting



Specifications

Model name	UTY-RLRY
Power Source	DC 12 V
Dimensions (H × W × D) (mm)	120 × 120 × 17
Weight (g)	170

DC12 V is supplied by the indoor unit.

NEW

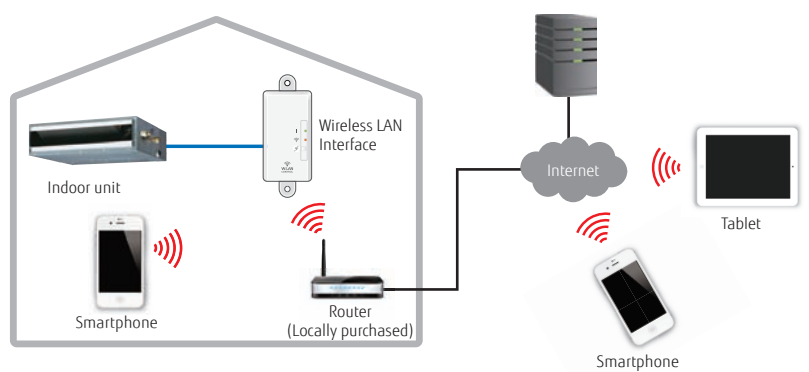
Wireless LAN Interface

UTY-TFNYZ1



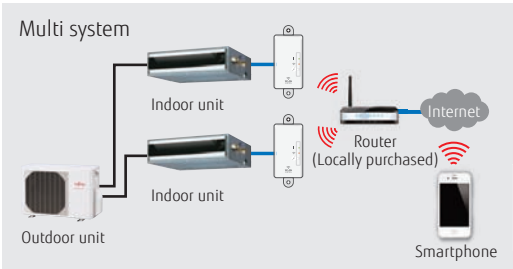
Features

- It is the most advanced solution to remotely manage an Air Conditioning system using all sort of mobile devices such as Smartphones, and tablets.
- No separate external power supply required
- Can be used for single indoor units and multi system indoor units



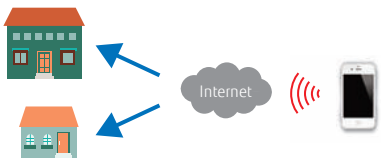
Basic control

- Turning the units on and off
- Mode control (Heat, Cool, Dry, Auto, Fan)
- Fan speed setting
- Louver position (Airflow direction setting)
- Room temperature setting
- Timer operation setting (Weekly timer)
- Economy mode setting



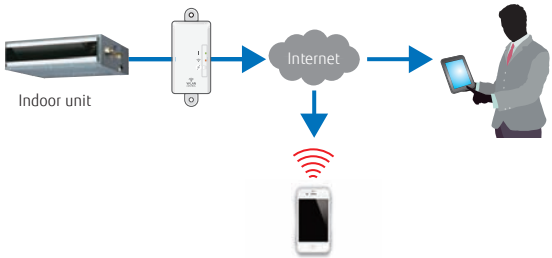
Multiple air conditioning management

- Multiple air conditioning management at difference locations.



Error display & E-mail notification

- Alerts e-mail notification
- Air conditioning malfunction display
- It enables rapid service response when error occurs.



Specifications

Model name	UTY-TFNYZ1
Dimensions (H × W × D) (mm)	71×38×15
Weight (g)	85

Wireless LAN Interface

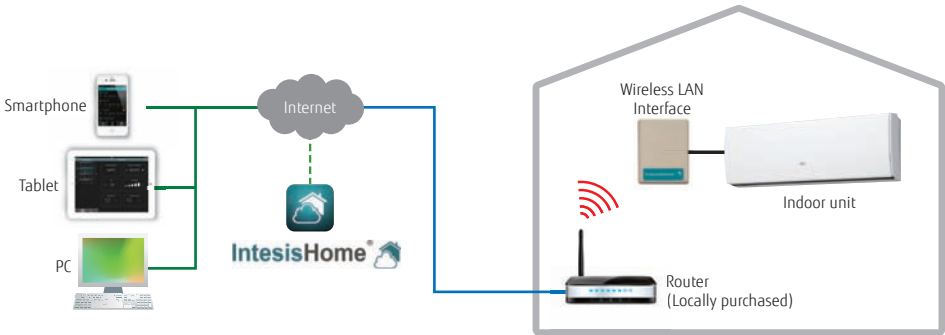
FJ-RC-WIFI-1



Features



- It is the most advanced solution to remotely manage an Air Conditioning system using all sort of mobile devices such as Smartphones, Tablets and PC
- No separate external power supply required
- Can be used for single indoor units and group controlled (up to 16) indoor units



Basic control

- Turning the units on and off
- Mode control (Heat, Cool, Dry, Auto, Fan)
- Fan speed setting
- Louver position (Airflow direction setting)
- Room temperature display
- Set temperature control
- Multi Language
- One Scene and Timer



Advanced control (Optional functions)

- Climate working modes (ECO, Comfort, Powerful) (future release)
- Schedulable functionalities (ON/OFF, Modes, Set point temperature, Fan Speed, Louver position)
- Set temperature limitation (future release)
- Multiple Scenes & Timers and Calendar function

Notifications and history

- Alerts e-mail notification (future release)
- Air conditioning malfunction alerts
- Connectivity monitoring and alerts
- History (future release)

Specifications

Model name	FJ-RC-WIFI-1
Dimensions (H × W × D) (mm)	70×108×28
Weight (g)	80

NEW

MODBUS® Convertor for Indoor Unit

UTY-VMSX

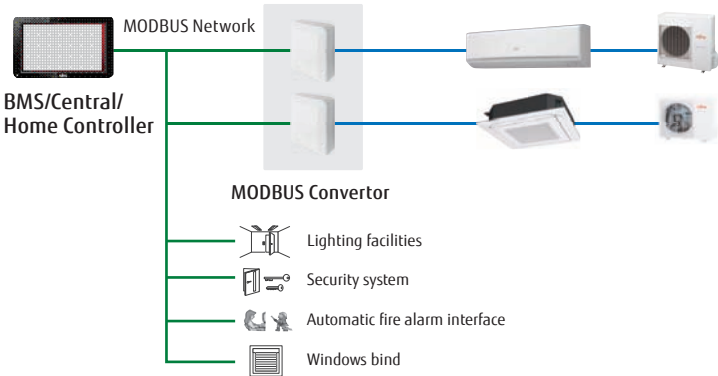


Max. Connectable
1 Single indoor unit

Features

The MODBUS Convertor allows a complete integration of air conditioners into MODBUS Networks.

- Simple installation due to small and compact size.
- No separate external power supply required.
- The MODBUS Convertor must be connected one by one in the indoor unit.
- The MODBUS Controller permits central monitoring and control of air conditioners from BMS/Central/Home Controller.

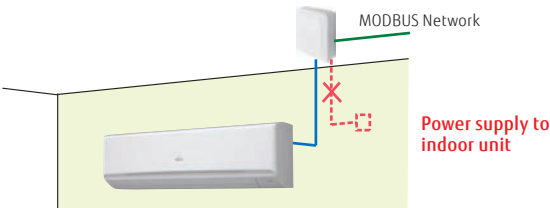


Basic control

- Turning the units on and off
- Mode control (Heat, Cool, Dry, Auto, Fan)
- Fan speed setting
- Louver position (Airflow direction setting)
- Room temperature setting and display
- Economy mode setting
- Error status

Easy Installation

Flexible installation locations with neat wirings are feasible since no power supply cable is used in the convertor.



Specifications

Model name				UTY-VMSX	
Power supply				AC220/240V 50/60Hz AC208/230V 60Hz	
Input Power			W	Max. 1.2	
Temperature	Operating / Packaged	°C (°F)		0~46(32~114) / -10~60(14~140)	
Humidity	Operating / Packaged	%		0~95 / 0~95	
Dimensions (H×W×D)(in.)			mm (in.)	43 × 117 × 140	
Weight(oz)			g (oz)	200(7)	
Maximum Connectable indoor unit number per 1 MODBUS Convertor				1	

MODBUS® Interface

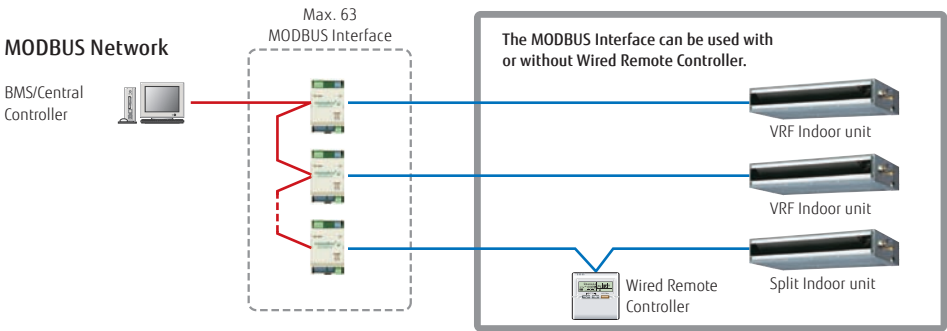
FJ-RC-MBS-1



Features

The MODBUS Interface allows a complete integration of air conditioners into MODBUS Networks.

- Simple installation due to small and compact size.
- No separate external power supply required.
- The MODBUS Interface permits central monitoring and control of air conditioners from BMS.



KNX® Interface

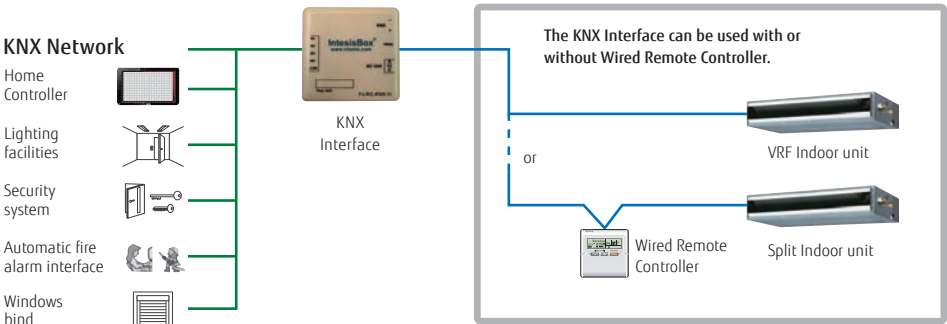
FJ-RC-KNX-1i



Features

The KNX Interface allows a complete integration of air conditioners with KNX Network systems.

- Simple installation due to small and compact size.
- No separate external power supply required (just KNX bus power).
- Can be used for single indoor units and group controlled (up to 16) indoor units.



Specifications

Model name	FJ-RC-MBS-1	FJ-RC-KNX-1i
Dimensions (H × W × D) (mm)	93×53×58	70×70×28
Weight (g)	85	70

Auto Louver Grille Kit

UTD-GXTA-W / UTD-GXTB-W / UTD-GXTC-W



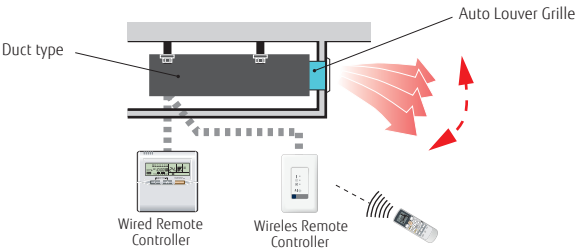
Features

Simple flat Auto Louver will provide comfort airflow and harmonize with luxury interior.

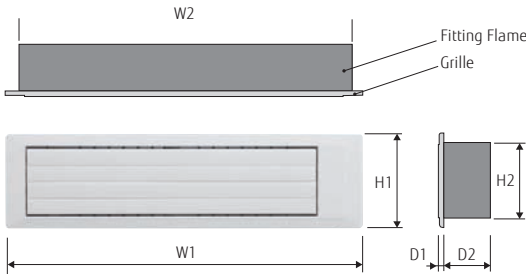


Flexible Control

- **Operation with indoor unit**
Auto Louver can be operated by synchronizing remote controller of indoor unit.
- **UP and Down auto swing**
 - Auto airflow direction and auto swing
 - 4 steps selectable
- **Auto-closing louver**
When operation of indoor unit is stopped, the louver will automatically close.



Dimensions



Unit:mm						
Model Name	W1	W2	H1	H2	D1	D2
UTD-GXTA-W	683	645				
UTD-GXTB-W	883	845	180	148	9	84
UTD-GXTC-W	1,083	1,045				

Specifications

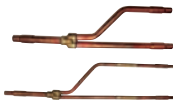
Model name			UTD-GXTA-W	UTD-GXTB-W	UTD-GXTC-W
Applicable Indoor Unit			ARYG07/09LLTA ARYG12/14LLTB ARXD04/07/09/12/14GALH (For VRF)	ARYG18LLTB ARXD18GALH (For VRF)	ARXD24GALH (For VRF)
Power Supply			Connecting with Control box of indoor unit		
Fixing of Auto Louver Grille			Screw fixing to Flange or Square Duct		
Extension Square Duct Limit			1.0m (Max. duct length between indoor unit and Grille)		
Net Dimension (H × W × D)		mm (inch)	180×683×(84+9) [7-3/32×26-7/8×(3-5/16+11/32)]	180×883×(84+9) [7-3/32×34-3/4×(3-5/16+11/32)]	180×1083×(84+9) [7-3/32×42-5/8×(3-5/16+11/32)]
Weight	Net	kg (lb.)	2.0 (4.4)	2.5 (5.6)	3.0 (6.7)
	Gross		3.0 (6.7)	3.5 (7.8)	4.0 (8.9)
Color			White		
Louver Motor			Stepping Motor		
Accessories			Fitting Flame, etc.		
Operation range	Cooling	°C (°F)	18 to 32 (64 to 90)		
		% RH	80% or less		
	Heating	°C (°F)	16 to 30 (60 to 88)		

REFRIGERANT PIPING PARTS

Connection Units

Separation Tube

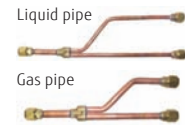
UTP-SX236A / UTP-SX254A
For 3-phase simultaneous multi



UTP-SX354A
For 3-phase simultaneous multi



UTP-SX248A
For 8 Rooms Multi



Branch Box

UTP-PY03A / UTP-PY02A
For 8 Rooms Multi



3 zones type



2 zones type

OPTIONAL PARTS

Controllers

For Individual & Centralized Control

Wired Remote Controller
UTY-RNRYZ1 **NEW**



Wired Remote Controller
UTY-RLRY **NEW**



Wired Remote Controller
UTY-RVNYM



Wired Remote Controller
UTY-RNNYM



Simple Remote Controller
UTY-RSNYM



Central Remote Controller
UTY-DMMYM
For 8 Rooms Multi



Communication devices

Interface

Wireless LAN Interface UTY-TFNYZ1 **NEW**



Wireless LAN Interface FJ-RC-WIFI-1



MODBUS® Convertor UTY-VMXS **NEW**



MODBUS® Interface FJ-RC-MBS-1



KNX® Interface FJ-RC-KNX-1i



Communication Kit/External input and output PCB/Box/Bracket

Communication Kit UTY-TWBXF/UTY-XCBXZ2/UTY-TWRX For Compact Wall Mounted



External input and output PCB UTY-XCSXZ1/UTY-XCSX **NEW**



External input and output PCB Box UTZ-GXXB/UTY-GXRA **NEW**



External input and output PCB Bracket UTZ-GXNA **NEW**



Others

For Duct type

IR Receiver Kit UTY-LRHYM



IR Receiver Kit UTY-LBTYM **NEW**



Remote Sensor Unit UTY-XSZX

New amenity space can be offered by installing the Remote sensor.



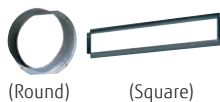
Auto Louver Grille Kit UTD-GXTA/UTD-GXTB



Long Life Filter UTD-LF25NA/ UTD-LFNA/UTD-LFNB/ UTD-LFNC/UTDLF60KA



Flange UTD-RF204 (Round) UTD-SF045T (Square)



Drain Pump Unit UTZ-PX1NBA For Medium Static Pressure Duct



For Cassette type

IR Receiver Kit
UTY-LRHYA2



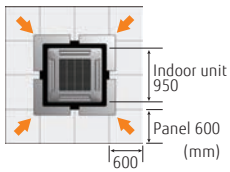
IR Receiver Kit
UTY-LBTYC **NEW**



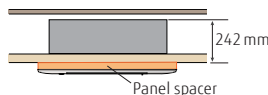
Human Sensor Kit
UTY-SHZXC **NEW**



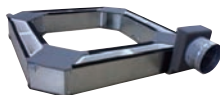
Wide Panel
UTG-AKXA-W



Panel Spacer
UTG-BKXA-W



Fresh Air Intake Kit
UTZ-VXAA
For Compact Cassette



Fresh Air Intake Kit
UTZ-VXRA
For Cassette



Air Outlet Shutter Plate
UTR-YDZB
For Compact Cassette

Shuts the air outlet when only using as 3 blow out.

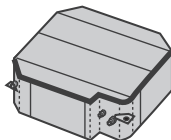


Air Outlet Shutter Plate
UTR-YDZK

Shuts the air outlet when only using as 3 blow out.



Insulation for High Humidity
UTZ-KXGC/UTZ-KXRA
For Compact Cassette type /
Cassette type



For Ceiling type

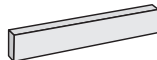
Drain Pump Unit
UTR-DPB24T



For Floor type

Half Concealed Kit
UTR-STA

This kit is used to half conceal floor type indoor unit into the wall.



For Wall Mounted type

Remote controller holder
UTZ-RXLA
For ASYG07/09/12LLCC

