

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



Type	2-unit		3-unit		4-unit	5-unit
Model name	AOYG14KBT2	AOYG18KBT2	AOYG18KBT3	AOYG24KBT3	AOYG30KBT4	AOYG36KBT5
Multi-split Type Outdoor Unit						
Capacity (kW)	Cooling: 4.0 Heating: 4.4	Cooling: 5.0 Heating: 5.6	Cooling: 5.4 Heating: 6.8	Cooling: 6.8 Heating: 8.0	Cooling: 8.0 Heating: 9.6	Cooling: 9.5 Heating: 10.6

Indoor Unit	BTU	kW Class	2-unit	3-unit	4-unit	5-unit
ASYG07/09/12/14KGT	7,000	2.0	●	●	●	●
ASYG07/09/12/14KETE	9,000	2.5	●	●	●	●
ASYG07/09/12/14KMCE	12,000	3.5	●	●	●	●
ASYG07/09/12/14KETE-B	14,000	4.0	—	●	●	●
ASYG18/22/24KMTE	18,000	5.0	—	—	●	●
	22,000	6.0	—	—	—	●
	24,000	7.0	—	—	—	●
AGYG09/12/14KVCA	9,000	2.5	●	●	●	●
	12,000	3.5	●	●	●	●
	14,000	4.0	—	●	●	●
AUXG07/09/12/14/18/22KVLV	7,000	2.0	●	●	●	●
	9,000	2.5	●	●	●	●
	12,000	3.5	●	●	●	●
	14,000	4.0	—	●	●	●
	18,000	5.0	—	—	●	●
	22,000	6.0	—	—	—	●
ARXG07/09/12/14/18KSLAP	7,000	2.0	●	●	●	●
	9,000	2.5	●	●	●	●
	12,000	3.5	●	●	●	●
	14,000	4.0	—	●	●	●
	18,000	5.0	—	—	●	●
ARXG07/09/12/14/18KLLAP	7,000	2.0	●	●	●	●
	9,000	2.5	●	●	●	●
	12,000	3.5	●	●	●	●
	14,000	4.0	—	●	●	●
	18,000	5.0	—	—	●	●
ARXG22KMLB	22,000	6.0	—	—	—	●
ABYG18/22KRTA	18,000	5.0	—	—	●	●
	22,000	6.0	—	—	—	●



Type	6-unit	8-unit
Model name	AOYG45LBA6	AOYG45LBT8
Multi-split Type Outdoor Unit		
Capacity (kW)	Cooling: 12.5 Heating: 13.5	Cooling: 14.0 Heating: 16.0

Indoor Unit	BTU	kW Class	6-unit	8-unit
ASYG07/09/12/14LMCE	7,000	2.0	●	●
	9,000	2.5	●	●
ASYG07/09/12/14LUCA	12,000	3.5	●	●
	14,000	4.0	●	●
ASYG18/24LF	18,000	5.0	●	●
	24,000	7.0	●	●
AGYG09/12/14LV	9,000	2.5	●	●
	12,000	3.5	●	●
	14,000	4.0	●	●
AUYG07/09/12/14/18LV	7,000	2.0	●	●
	9,000	2.5	●	●
	12,000	3.5	●	●
	14,000	4.0	●	●
	18,000	5.0	●	●
ABYG14LVTA	14,000	4.0	●	●
ABYG18LVTB	18,000	5.0	●	●
ARYG07/09/12/14/18LSLAP	7,000	2.0	●	—
	9,000	2.5	●	—
	12,000	3.5	●	—
	14,000	4.0	●	—
	18,000	5.0	●	—
ARYG07/09/12/14/18LL	7,000	2.0	●	●
	9,000	2.5	●	●
	12,000	3.5	●	●
	14,000	4.0	●	●
	18,000	5.0	●	●

8-unit Multi-split



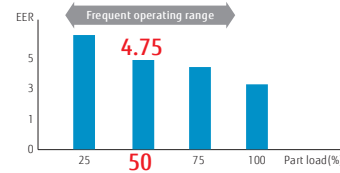
Compact outdoor unit

The compact design outdoor unit can be installed below a window or in a narrow space.



High seasonal energy efficiency

An air conditioner operates under a wide range of outdoor temperatures depending on the season and climate conditions. Moreover, a multi-split system does not have to cool or warm every room in a house or building all the time. This means that an air conditioner operates at partial capacity, instead of rated capacity, for more than 90% of its operation time. Therefore, we pay attention to the energy-saving performance of our air conditioners based on real-world usage. The use of our all DC design and proprietary inverter system significantly improves the energy efficiency of our air conditioners operating in partial-load efficiency.



Innovated technology

High-efficiency large fan:
Incorporates high-efficiency fan.

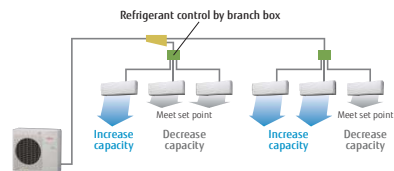
DC fan motor:
The use of a small DC motor achieves both high performance and high efficiency.

Heat exchanger:
The use of high-density piping and the 3-row design achieves a compact and energy-efficient heat exchanger.

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

Optimized refrigerant control for faster air conditioning

Optimized refrigerant control allows for faster cooling of every room in a house or building to the desired temperature.



8-unit: AOYG45LBT8

Branch Box: UTP-PY03A/UTP-PY02A



Specifications (Outdoor unit/Branch box)

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

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

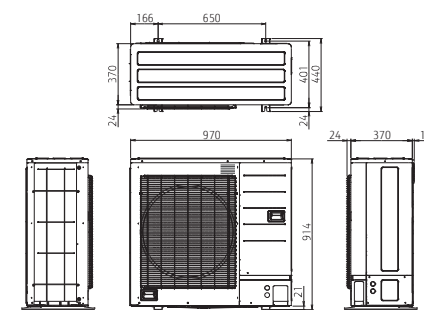
Notes: Specifications are determined based on the following conditions:

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

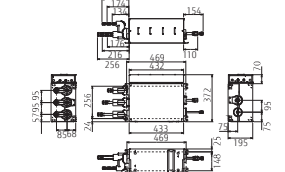
Dimensions

(Unit: mm)

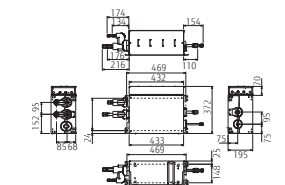
Outdoor Unit: AOYG45LBT8



Branch Box: UTP-PY03A (3-zone type)



Branch Box: UTP-PY02A (2-zone type)



6-unit to 8-unit Multi-split Indoor Units Specifications

Compact wall-mounted



Model name	Indoor unit			ASVG07LUCA	ASVG09LUCA	ASVG12LUCA	ASVG14LUCA
kW Class				2.0	2.5	3.5	4.0
Power Source				Single phase, ~230 V, 50 Hz			
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
Weight				kg (lbs)	9.5 (21)	9.5 (21)	9.5 (21)
Connection Pipe Diameter	Liquid/Gas			mm	6.35/9.52	6.35/9.52	6.35/12.70

Wall-mounted type



Model name	Indoor unit			ASVG18LFCA	ASVG24LFCC
kW Class				5.0	7.0
Power Source				Single phase, ~230 V, 50 Hz	
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	43/37/33/26	49/42/37/33
	Heating			42/37/33/25	48/42/37/33
Sound Power Level	Cooling	H	dB(A)	58	64
	Heating			58	64
Airflow Rate	Cooling	H/M/L/Q	m³/h	900/740/620/550	1,120/900/740/620
	Heating			900/740/620/550	1,100/900/740/620
Net Dimensions				mm	320 × 998 × 238
Weight				kg (lbs)	14 (31)
Connection Pipe Diameter	Liquid/Gas			mm	6.35/12.70

Compact wall-mounted



Model name	Indoor unit			ASVG07LMCE	ASVG09LMCE	ASVG12LMCE	ASVG14LMCE
kW Class				2.0	2.5	3.5	4.0
Power Source				Single phase, ~230 V, 50 Hz			
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
	Heating			36/32/29/22	37/33/29/22	40/36/31/22	42/38/35/27
Sound Power Level	Cooling	H	dB(A)	51	52	54	56
	Heating			51	52	55	57
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
	Heating			560/500/430/330	600/520/430/330	660/560/470/330	730/615/560/375
Net Dimensions				mm	270 × 870 × 204	270 × 870 × 204	270 × 870 × 204
Weight				kg (lbs)	8.5 (19)	8.5 (19)	8.5 (19)
Connection Pipe Diameter	Liquid/Gas			mm	6.35/9.52	6.35/9.52	6.35/12.70

Floor



Model name	Indoor unit			AGYG09LVCA	AGYG12LVCA	AGYG14LVCA
kW Class				2.5	3.5	4.0
Power Source				Single phase, ~230 V, 50 Hz		
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
Weight				kg (lbs)	14 (31)	14 (31)
Connection Pipe Diameter	Liquid/Gas			mm	6.35/9.52	6.35/12.70

Floor ceiling



Model name	Indoor unit			ABYG14LVTA	ABYG18LVTB
kW Class				4.0	5.0
Power Source				Single phase, ~230 V, 50 Hz	
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	6.35/12.70

Compact cassette



Model name	Indoor unit			AUYG07LVLA	AUYG09LVLA	AUYG12LVLB	AUYG14LVLB	AUYG18LVLB
kW Class				2.0	2.5	3.5	4.0	5.0
Power Source				Single phase, ~230 V, 50 Hz				
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
Weight				kg (lbs)	15 (33)	15 (33)	15 (33)	15 (33)
Panel				UTG-LFYD-W				
Connection Pipe Diameter	Liquid/Gas			mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70

Mini duct



Model name	Indoor unit			ARYG07LSLAP	ARYG09LSLAP	ARYG12LSLAP	ARYG14LSLAP	ARYG18LSLAP
kW Class				2.0	2.5	3.5	4.0	5.0
Power Source				Single phase, ~230 V, 50 Hz				
Sound Pressure Level	Cooling	H/M/L/Q	dB(A)	29/26/24/23	29/26/24/23	31/27/25/23	35/30/27/23	33/29/26/23
	Heating			29/26/24/23	29/26/24/23	31/27/25/23	35/30/27/23	33/29/26/23
Sound Power Level	Cooling	H	dB(A)	52	54	55	60	58
	Heating			53	56	57	62	59
Airflow Rate	Cooling	H/M/L/Q	m³/h	550/440/390/360	600/450/400/360	650/490/430/360	800/640/530/360	940/750/540/480
	Heating			550/440/390/360	600/450/400/360	650/490/430/360	800/640/530/360	940/750/540/480
Net Dimensions				mm	198 × 700 × 450	198 × 700 × 450	198 × 700 × 450	198 × 700 × 450
Weight				kg (lbs)	15.5 (33)	15.5 (33)	15.5 (33)	18.5 (41)
Connection Pipe Diameter	Liquid/Gas			mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70
External static pressure				Pa		0 to 30	0 to 50	
Drain pump				Standard				

Slim duct



Model name	Indoor unit			ARYG07LLTA	ARYG09LLTA	ARYG12LLTB	ARYG14LLTB	ARYG18LLTB
kW Class				2.0	2.5	3.5	4.0	5.0
Power Source				Single phase, ~230 V, 50 Hz				
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	29/28/27/26	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 × 900 × 620
Weight				kg (lbs)	17 (37)	19 (42)	19 (42)	23 (51)
Connection Pipe Diameter	Liquid/Gas			mm	6.35/9.52	6.35/9.52	6.35/12.7	6.35/12.70
External static pressure				Pa		0 to 90	0 to 90	
Drain pump				Standard				

