

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	5.0	5.4	6.8	8.0	9.5
	Heating	4.4	5.6	6.8	8.0	9.6	10.6

Indoor Unit	BTU	kW Class	2-unit	3-unit	4-unit	5-unit
 NEW ASYG07/09/12/14KETE	7,000	2.0	●	●	●	●
	9,000	2.5	●	●	●	●
 NEW ASYG07/09/12/14KETE-B	12,000	3.5	●	●	●	●
	14,000	4.0	—	●	●	●
	18,000	5.0	—	—	—	●
	22,000	6.0	—	—	—	●
	24,000	7.0	—	—	—	●
	9,000	2.5	●	●	●	●
	12,000	3.5	●	●	●	●
	14,000	4.0	—	●	●	●
	7,000	2.0	●	●	●	●
	9,000	2.5	●	●	●	●
	12,000	3.5	●	●	●	●
	14,000	4.0	—	●	●	●
	18,000	5.0	—	—	—	●
	22,000	6.0	—	—	—	●
	7,000	2.0	●	●	●	●
	9,000	2.5	●	●	●	●
	12,000	3.5	●	●	●	●
	14,000	4.0	—	●	●	●
	18,000	5.0	—	—	—	●
	7,000	2.0	●	●	●	●
	9,000	2.5	●	●	●	●
	12,000	3.5	●	●	●	●
	14,000	4.0	—	●	●	●
	18,000	5.0	—	—	—	●
	22,000	6.0	—	—	—	●
	18,000	5.0	—	—	—	●



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

Indoor Unit	BTU	kW Class	6-unit	8-unit
	7,000	2.0	●	●
	9,000	2.5	●	●
	12,000	3.5	●	●
	14,000	4.0	●	●
	18,000	5.0	●	●
	24,000	7.0	●	●
	9,000	2.5	●	●
	12,000	3.5	●	●
	14,000	4.0	●	●
	7,000	2.0	●	●
	9,000	2.5	●	●
	12,000	3.5	●	●
	14,000	4.0	●	●
	18,000	5.0	●	●
 ABYG18LVTB	14,000	4.0	●	●
	18,000	5.0	●	●
	7,000	2.0	●	—
	9,000	2.5	●	—
	12,000	3.5	●	—
	14,000	4.0	●	—
	18,000	5.0	●	—
	7,000	2.0	●	●
	9,000	2.5	●	●
	12,000	3.5	●	●
	14,000	4.0	●	●
18,000	5.0	●	●	

Simultaneous Multi-split Connectable Indoor Units



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

Indoor Unit	BTU	kW Class	Twin			Triple
			● × 2	● × 2	● × 2	● × 3
 AUXG18/22/24KVLA	18,000	5.0	● × 2	—	—	● × 3
	22,000	6.5	—	● × 2	—	—
	24,000	7.0	—	—	● × 2	—
 ARXG18KLLAP	18,000	5.0	● × 2	—	—	● × 3
	22,000	6.5	—	● × 2	—	—
	24,000	7.0	—	—	● × 2	—
 ARXG22KMLB ARXG24KMLA	22,000	6.5	—	● × 2	—	—
	24,000	7.0	—	—	● × 2	—
	Separation tube			UTP-SX236A (18/22/24)		UTP-SX354A (18)



Type	8HP	10HP
Model name	AOYG72LRLA	
Simultaneous Multi-split Outdoor Unit		
Capacity (kW)	Cooling	19.0
	Heating	22.4

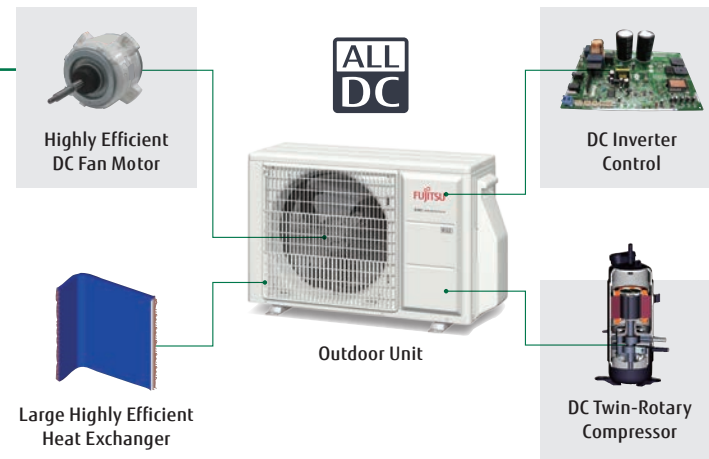
Indoor Unit	BTU	kW Class	Twin	Triple	Double Twin	Twin	Triple	Double Twin
			—	—	● × 4	—	—	—
 AUYG18/22/24LV	18,000	5.0	—	—	● × 4	—	—	—
	22,000	6.5	—	—	—	—	—	● × 4
	24,000	7.0	—	● × 3	—	—	—	—
 AUYG30/36/45LR	30,000	8.8	—	—	—	—	● × 3	—
	36,000	10.6	● × 2	—	—	—	—	—
	45,000	12.5	—	—	—	● × 2	—	—
 ARYG18LLTB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

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



High energy saving

With the adoption of a high-efficiency DC twin-rotary compressor, all models achieved an energy efficiency scale of A+++ for cooling and A++ for heating.



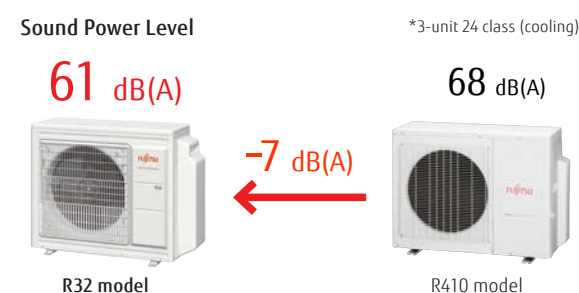
R32 refrigerant model

In addition to its high energy efficiency, the R32 refrigerant has a larger volumetric capacity than the R410A refrigerant, which means the R32 refrigerant models require less refrigerant charge than the R410A models.

	Pre-charge refrigerant amount (kg)	
	R32	R410A
2-unit 14 class	0.9	1.25
2-unit 18 class	1.02	1.30
3-unit 18 class	1.8	2.2
3-unit 24 class	1.8	2.2
4-unit 30 class	2.2	3.3
5-unit 36 class	2.5	4.0

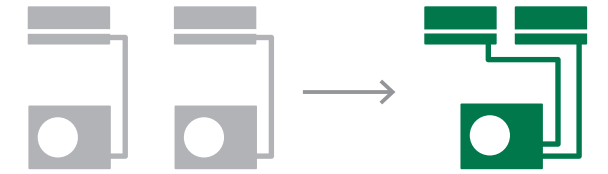
Quiet operation

The sound power level is reduced by up to 7 dB compared to the current R410 models.



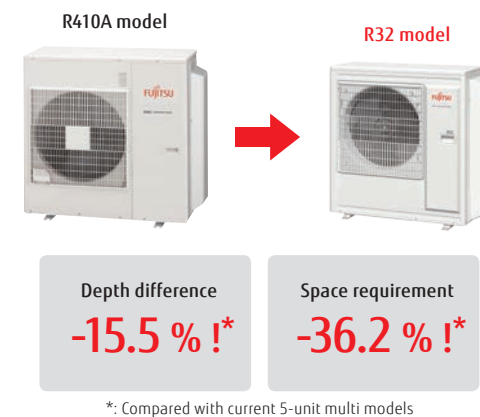
Space-saving installation

Multiple indoor units can be connected to 1 outdoor unit by long piping as well. Unlike a single type, the outdoor unit can be installed in the most space-saving location.



Compact design

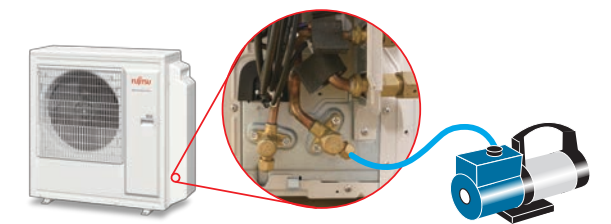
Unlike a single type, the outdoor unit can be installed in the most space-saving location.



*: Compared with current 5-unit multi models

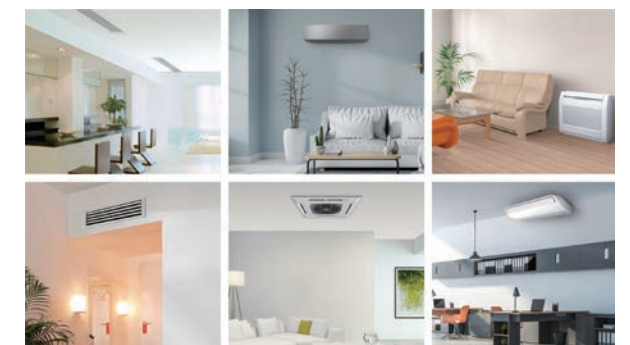
Easy evacuation

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



Wide range of indoor units with various models

We offer 41 models in 5 types in a capacity range from 2.0 kW to 6.0 kW. Wide range of requirements can be realized from private homes through to large shops and hotels



Models equipped with the New R32 Refrigerant

Wall-mounted type with sophisticated design



Middle and small capacity models are available. This makes installation easier in small spaces.



2-unit: AOYG14KBTA2/AOYG18KBTA2
 3-unit: AOYG18KBTA3/AOYG24KBTA3
 4-unit: AOYG30KBTA4
 5-unit: AOYG36KBTA5



Specifications (2-unit)

Model name		AOYG14KBTA2		AOYG18KBTA2	
Power Source		Single phase, ~230 V, 50 Hz			
Rated Capacity (Min. - Max.)	Cooling	4.0 (1.4-4.6)		5.0 (1.7-5.8)	
	Heating	4.4 (1.1-5.5)		5.6 (1.8-6.6)	
EER	Cooling	4.12		4.03	
	Heating	4.63		4.59	
COP	Cooling	4.7		4.7	
	Heating	4.9		5.0	
Sound Pressure Level (High)	Cooling	60		60	
	Heating	62		62	
Sound Power Level (High)	Cooling	1,670/1,670		1,960/2,020	
	Heating	542 × 799 × 290		632 × 799 × 290	
Net Dimensions H × W × D		mm		mm	
Weight		kg (lbs)		kg (lbs)	
Connection Pipe Diameter		mm		mm	
Max. Pipe Length	Liquid	30/20		30/20	
	Gas	30/20		30/20	
Max. Height Difference	Between Outdoor Unit and Each Indoor Unit	m		m	
	Between Indoor Units	m		m	
Operating Range	Cooling	°CDB		°CDB	
	Heating	°CDB		°CDB	
Refrigerant	Type (Global Warming Potential)	R32 (675)		R32 (675)	
	Charge	kg (CO2eq-T)		kg (CO2eq-T)	

Specifications (3-unit)

Model name		AOYG18KBTA3		AOYG24KBTA3	
Power Source		Single phase, ~230 V, 50 Hz			
Rated Capacity (Min. - Max.)	Cooling	5.4 (1.8-7.0)		6.8 (1.8-8.5)	
	Heating	6.8 (2.0-8.0)		8.0 (2.0-9.2)	
EER	Cooling	4.78		3.90	
	Heating	4.89		4.40	
COP	Cooling	4.6		4.8	
	Heating	4.9		5.3	
Sound Pressure Level (High)	Cooling	59		61	
	Heating	61		67	
Sound Power Level (High)	Cooling	2,220/2,160		2,270/2,730	
	Heating	716 × 820 × 315		716 × 820 × 315	
Net Dimensions H × W × D		mm		mm	
Weight		kg (lbs)		kg (lbs)	
Connection Pipe Diameter		mm		mm	
Max. Pipe Length	Liquid	50/25		50/25	
	Gas	50/25		50/25	
Max. Height Difference	Between Outdoor Unit and Each Indoor Unit	m		m	
	Between Indoor Units	m		m	
Operating Range	Cooling	°CDB		°CDB	
	Heating	°CDB		°CDB	
Refrigerant	Type (Global Warming Potential)	R32 (675)		R32 (675)	
	Charge	kg (CO2eq-T)		kg (CO2eq-T)	

Specifications (4-unit, 5-unit)

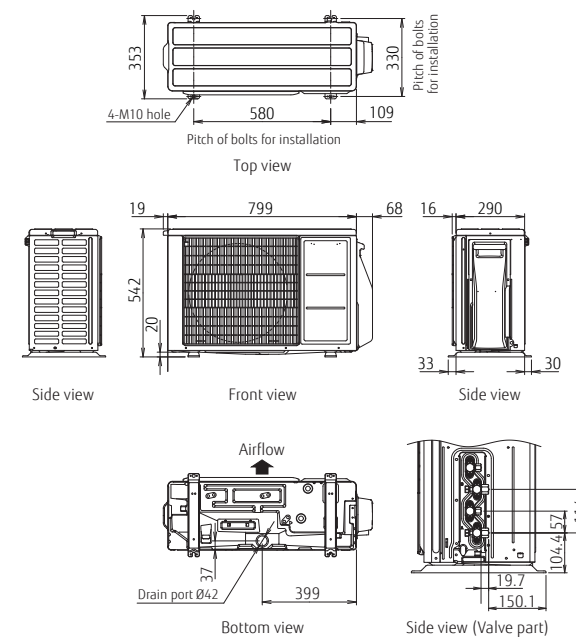
Model name		AOYG30KBTA4		AOYG36KBTA5	
Power Source		Single phase, ~230 V, 50 Hz			
Rated Capacity (Min. - Max.)	Cooling	8.0 (2.4-10.1)		9.5 (3.0-11.0)	
	Heating	9.6 (3.0-11.2)		10.6 (3.5-12.0)	
EER	Cooling	3.90		3.80	
	Heating	4.55		4.50	
COP	Cooling	5.0		5.2	
	Heating	5.4		5.5	
Sound Pressure Level (High)	Cooling	63		65	
	Heating	66		68	
Sound Power Level (High)	Cooling	2,400/2,950		2,450/2,900	
	Heating	884 × 820 × 315		884 × 820 × 315	
Net Dimensions H × W × D		mm		mm	
Weight		kg (lbs)		kg (lbs)	
Connection Pipe Diameter		mm		mm	
Max. Pipe Length*	Liquid	70/25		75/25	
	Gas	70/25		75/25	
Max. Height Difference	Between Outdoor Unit and Each Indoor Unit	m		m	
	Between Indoor Units	m		m	
Operating Range	Cooling	°CDB		°CDB	
	Heating	°CDB		°CDB	
Refrigerant	Type (Global Warming Potential)	R32 (675)		R32 (675)	
	Charge	kg (CO2eq-T)		kg (CO2eq-T)	

*Length not applicable when floor units are connected. For details, refer to the installation manual.

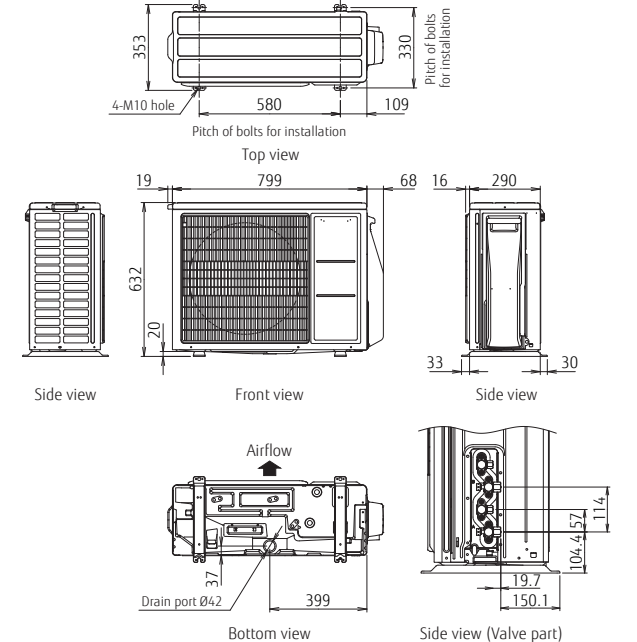
Dimensions

(Unit: mm)

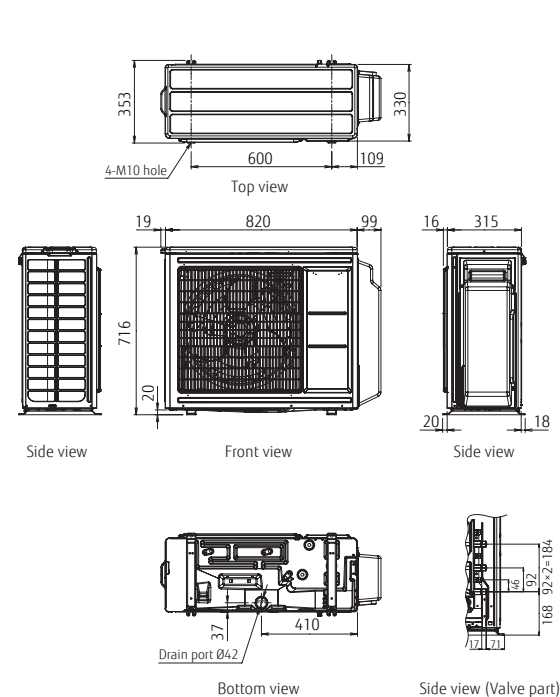
2-unit: AOYG14KBTA2



2-unit: AOYG18KBTA2



3-unit: AOYG18KBTA3/AOYG24KBTA3



4-unit: AOYG30KBTA4
5-unit: AOYG36KBTA5

