

2, 3 and 4-way multi outdoors

2 room



3 room



4 room



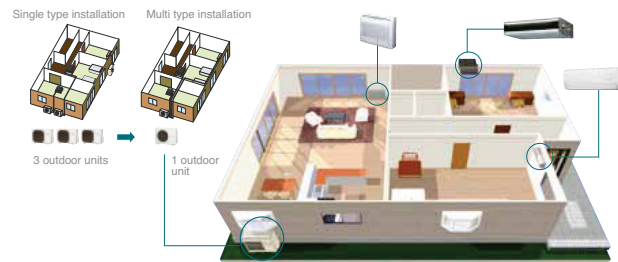
Space-saving installation

Multi-type systems are one of today's most advanced forms of air conditioning, creating the ultimate 'controllable environment' in the modern workplace. Multiple indoor units can potentially be connected to one outdoor unit reducing the number of outdoor units required.

Wide range of indoor units

6 types and 20 models are available in the capacity range - 2kW to 7kW class.

This extensive range allows for flexibility of application and design.



Flexible installation

With their long piping runs, the outdoor units can be installed almost anywhere.

Up to a maximum piping length of 70m (AOYG30LAT4), a maximum height difference of 15m can be supported.

Max. Piping Length (Each Unit):

20m (AOYG14LAC2 / 18LAC2)

25m (AOYG18LAT3 / 24LAT3 / 30LAT4)

Max. Height:

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

Total Piping Length:

30m (AOYG14LAC2 / 18LAC2)

50m (AOYG18LAT3 / 24LAT3)

70m (AOYG30LAT4)

		Multi Outdoors (2, 3 and 4-Way)				
	Outdoor	AOYG14LAC2	AOYG18LAC2	AOYG18LAT3	AOYG24LAT3	AOYG30LAT4
Energy Label (Cooling / Heating)		A / A	A / A	A / A	A / A	A / A
Nominal Capacity (kW)	Cooling	4.00 [1.40 - 4.40]	5.00 [1.70 - 5.60]	5.40 [1.80 - 6.80]	6.80 [1.80 - 8.50]	8.00 [3.50 - 10.10]
	Heating	4.40 [1.10 - 5.40]	5.60 [1.80 - 6.10]	6.80 [2.00 - 8.00]	8.00 [2.00 - 9.20]	9.60 [3.70 - 12.00]
Dimensions (HxWxD) mm	Outdoor	540x790x290	540x790x290	700x900x330	700x900x330	830x900x330
Net Weight (kg)	Outdoor	37	38	55	55	68
Room Air Circulation (high) m³/h	Outdoor	1850	2050	3050	3300	3500
Power Supply	VPHHz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Power Supply To		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Running Current A	Cooling	5.10	6.90	5.90	8.50	9.70
	Heating	4.90	6.30	7.10	8.80	10.50
Starting Current	A	4.90	6.30	7.10	8.80	10.50
Fuse Rating	A	15	15	20	20	25
Power Consumption kW	Cooling	1.09	1.56	1.35	1.94	2.22
	Heating	1.03	1.41	1.62	2.00	2.40
Interconnecting Cable		3 + E	3 + E	3 + E	3 + E	3 + E
Noise Levels (dB(A))	Outdoor	47	50	46	48	50
Max Pipe Length	m	30 (Total)	30 (Total)	50 (Total)	50 (Total)	70 (Total)
Max Height Difference (OU to IU)	m	15	15	15	15	15
Max Height Difference (IU to IU)	m	10	10	10	10	10
Refrigerant Charge	m	20	20	30	30	50
Pipe Connections (inches)*	Gas	3/8 (9.52mm) x 2	3/8 (9.52mm) x 2	3/8 (9.52mm) x 2 / 1/2 (12.7mm) x 1	3/8 (9.52mm) x 2 / 1/2 (12.7mm) x 1	3/8 (9.52mm) x 2 / 1/2 (12.7mm) x 2
	Liquid	1/4 (6.35mm) x 2	1/4 (6.35mm) x 2	1/4 (6.35mm) x 3	1/4 (6.35mm) x 3	1/4 (6.35mm) x 4
Operating Range (°C)	Cooling	10 ~ 46	10 ~ 46	-10 ~ 46	-10 ~ 46	0 ~ 46
	Heating	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Refrigerant		R410A	R410A	R410A	R410A	R410A

* Adapters provided where necessary for different indoor unit sizes

- Suitable for large homes, shops, small buildings and a variety of other multi-installations.
- Up to 8 indoor units can be connected
- Easily installed - lightweight and compact, yet a highly efficient outdoor unit

ALL DC
AOYG45LAT8

Efficient and compact

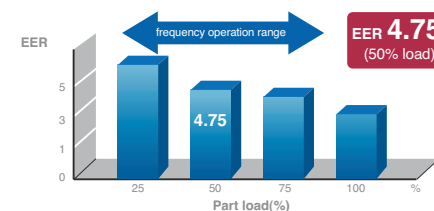
Compact outdoor unit



High seasonal efficiency

The actual system performance is affected by the ever-changing outside temperatures. When it comes to multi systems, not all the rooms are operated all the time. So for over 90% of actual operation time, the air conditioners are operated at partial capacity instead of full capacity. Taking this into consideration, our engineers focused on actual system performance and efficiency.

We improved the efficiency of part load performance by developing ALL DC components and our own inverter system.

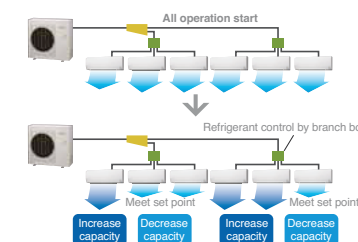


Innovative technology

- High efficiency large fan:**
A new, high efficiency fan is utilised.
- DC fan motor:**
High performance and efficiency have been achieved by using a small DC fan motor.
- Heat exchanger:**
A reduced size and compact heat exchanger design due to a high density piping configuration and 3-row layout.
- High efficiency DC twin rotary compressor:**
A high performance, low noise, large capacity DC twin rotary compressor is used.

More Comfort

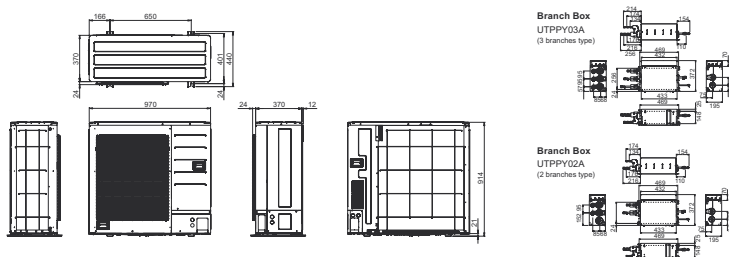
A comfortable environment is quickly achieved by the optimised refrigerant control.



NEW 8 room multi

Dimensions

Outdoor Unit
AOYG45LAT8



8 Room Multi		
	Outdoor	AOYG45LAT8
Max Connectable Indoor Unit		8
Nominal Capacity (kW)	Cooling	14.00
	Heating	16.00
Dimensions (HxWxD) mm	Outdoor	914x970x370
Net Weight (kg)	Outdoor	98
Room Air Circulation (high) m³/h	Outdoor (Cooling)	4650
Power Supply	VPHHz	230/1/50
Power Consumption kW	Cooling	5.20
	Heating	5.07
Noise Levels (dB(A))	Outdoor (Cooling)	56
Max Pipe Length	m	115 (Total)
Max Height Difference (OU to IU)	m	30
Pipe Connections (inches)	Gas	5/8 (15.88mm)
	Liquid	3/8 (9.52mm)
Operating Range (°C)	Cooling	-5 ~ 46
	Heating	-15 ~ 24
	Refrigerant	R410A

8 Room Multi - Branch Boxes			
	Model Name	UTPPY03A	UTPPY02A
Connectable Indoor Unit		1 to 3 Units	1 to 2 Units
Power Supply	VPHHz	230/1/50	230/1/50
Power Consumption	W	10.00	10.00
Running Current	A	0.05	0.05
Dimensions (HxWxD)	mm	195x433x370	195x433x370
Net Weight	kg	9	9
Pipe Connections (inches)	Gas	Main: 5/8 (15.88mm) - Branch: 1/2 (12.70mm) x 3	Main: 5/8 (15.88mm) - Branch: 1/2 (12.70mm) x 2
	Liquid	Main: 3/8 (9.52mm) - Branch: 1/4 (6.35mm) x 3	Main: 3/8 (9.52mm) - Branch: 1/4 (6.35mm) x 2
	Method	Flare	Flare

8 Room Multi - Accessories		
Description	Part Number	
Separation Tube	UTPSX248A	
Central Remote Controller	UTYDMWYM	

indoor units for multi systems



Wall					
Indoor unit				ASYG07IJ	ASYG09IJ
kW Class				2.00	2.50
Noise				21 / 29 / 32 / 36	21 / 29 / 33 / 37
Air Flow				560	600
Dimensions (HxWxD)				280x790x203	280x790x203
Weight				8	8
Pipe Size				3/8 (9.52mm) - 1/4 (6.35mm)	3/8 (9.52mm) - 1/4 (6.35mm)

Floor					
Indoor unit				AGYG09IV	AGYG12IV
kW Class				2.50	3.50
Noise				22 / 28 / 34 / 39	22 / 30 / 36 / 42
Air Flow				530	600
Dimensions (HxWxD)				600x740x200	600x740x200
Weight				14	14
Pipe Size				3/8 (9.52mm) - 1/4 (6.35mm)	3/8 (9.52mm) - 1/4 (6.35mm)

Floor/Ceiling Universal					
Indoor unit				ABYG14IV	ABYG18IV
kW Class				4.00	5.00
Noise				29 / 33 / 34 / 36 (ceiling) 32 / 36 / 37 / 39 (floor)	32 / 34 / 38 / 41 (ceiling) 35 / 37 / 41 / 44 (floor)
Air Flow				640	780
Dimensions (HxWxD)				199x990x655	199x990x655
Weight				27	27
Pipe Size				1/2 (12.70mm) - 1/4 (6.35mm)	1/2 (12.70mm) - 1/4 (6.35mm)

Compact Cassette					
Indoor unit				AUYG07LV	AUYG09LV
kW Class				2.00	2.50
Noise				27 / 29 / 31 / 33	27 / 29 / 31 / 33
Air Flow				540	610
Dimensions (HxWxD)				245x570x(570+75)	245x570x(570+75)
Weight				15	15
Pipe Size				3/8 (9.52mm) - 1/4 (6.35mm)	3/8 (9.52mm) - 1/4 (6.35mm)

* Price includes grille, to be ordered separately (UTGUIFYDW)

Slim Duct - New					
Indoor unit				ARYG07LL	ARYG09LL
kW Class				2.00	2.50
Noise				24 / 25 / 26 / 28	25 / 26 / 27 / 28
Air Flow				550	600
Dimensions (HxWxD)				198x700x620	198x700x620
Weight				17	19
Pipe Size				3/8 (9.52mm) - 1/4 (6.35mm)	3/8 (9.52mm) - 1/4 (6.35mm)