

# FUJITSU

## multi-type (inverter)



Multi-type systems are one of today's most advanced forms of air conditioning, creating the ultimate 'controllable environment' in the modern workplace. The range consists of multi-systems that can be fitted to accommodate 2 to 4 rooms.



Outdoor Unit    Indoor Units

**AOY18LM2**

Outdoor - AOY18LM2		
Nominal Capacity (kW)	Cooling	5.50
	Heating	6.40
Dimensions (HxWxD) mm	Outer	650x830x320
Net Weight (kg)	Outer	56
Air Circulation m <sup>3</sup> /h	Outer	3000
Power Supply	V-PH-Hz	230/1/50
Power Supply To		Outdoor
Running Current (A)	Cooling	7.50
	Heating	8.00
Starting Current	A	10
Fuse Rating	A	20
Power Consumption (kW)	Cooling	1.73
	Heating	1.84
Interconnecting Cable		3 + E
Noise Levels (dB(A))	Outdoor	49
Max Pipe Length	m	30 (Total)
Max Height Difference	m	10
Refrigerant Charge	m	30
Pipe Size (inches)	Gas	3/8 (9.52mm) x 1 / 1/2 (12.70mm) x 1
	Liquid	1/4 (6.35mm) x 2
Operating Range (°C)	Cooling	0 ~ 46
	Heating	-10 ~ 24
Refrigerant		R410A

Outdoor Unit    Indoor Units

**AOY24LM2**

Outdoor - AOY24LM2		
Nominal Capacity (kW)	Cooling	5.80
	Heating	6.40
Dimensions (HxWxD) mm	Outer	650x830x320
Net Weight (kg)	Outer	56
Air Circulation m <sup>3</sup> /h	Outer	3000
Power Supply	V-PH-Hz	230/1/50
Power Supply To		Outdoor
Running Current (A)	Cooling	7.50
	Heating	7.10
Starting Current	A	10
Fuse Rating	A	20
Power Consumption (kW)	Cooling	1.73
	Heating	1.64
Interconnecting Cable		3 + E
Noise Levels (dB(A))	Outdoor	49
Max Pipe Length	m	30 (Total)
Max Height Difference	m	10
Refrigerant Charge	m	30
Pipe Size (inches)	Gas	3/8 (9.52mm) x 1 / 1/2 (12.70mm) x 1
	Liquid	1/4 (6.35mm) x 2
Operating Range (°C)	Cooling	0 ~ 46
	Heating	-10 ~ 24
Refrigerant		R410A

Outdoor Unit    Indoor Units    Outdoor Unit    Indoor Units

**AOY30LM4**

Outdoor - AOY30LM4		
Nominal Capacity (kW)	Cooling	8.00
	Heating	9.60
Dimensions (HxWxD) mm	Outer	835x900x300
Net Weight (kg)	Outer	68
Air Circulation m <sup>3</sup> /h	Outer	3300
Power Supply	V-PH-Hz	230/1/50
Power Supply To		Outdoor
Running Current (A)	Cooling	9.70
	Heating	10.50
Starting Current	A	10
Fuse Rating	A	25
Power Consumption (kW)	Cooling	2.22
	Heating	2.40
Interconnecting Cable		3 + E
Noise Levels (dB(A))	Outdoor	49
Max Pipe Length	m	70 (Total)
Max Height Difference	m	10
Refrigerant Charge	m	50
Pipe Size (inches)	Gas	(1/2 (12.70mm) / 3/8 (9.52mm)) x 2
	Liquid	(1/4 (6.35mm) / 1/4 (6.35mm)) x 2
Operating Range (°C)	Cooling	0 ~ 46
	Heating	-10 ~ 24
Refrigerant		R410A

Cooling & Heating capacities are based on the following conditions:

**Cooling:** Indoor Temp.: 27°C DB/19°C WB, Outdoor Temp.: 35°C DB/24°C WB

**Heating:** Indoor Temp.: 20°C DB, Outdoor Temp.: 7°C DB

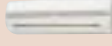








**Note:** Fuse ratings shown are only for information. Any fuses or MCB's installed on-site should be sized in accordance with I.E.E. regulations.

**For full installation details please contact your local distributor**

# multi-type (inverter)

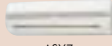
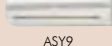











**AOY18LM2 Capacity Table: 1 outdoor unit to 2 indoor units**

The total capacity of the indoor units that can be connected is 4.4 - 7.1kW (15,000 - 24,000BTU)

	Wall Mounted type (Small size)	Wall Mounted type (Large Size)	Cassette type (Compact)	Floor/Ceiling Universal type	Duct type (Small Size)	Duct type
2.2kW (7,500BTU)	 AS7					
2.7kW (9,200BTU)	 AS9				 AR9	
3.5kW (11,900BTU)	 AS12		 AU12			 AR12
4.2kW (14,300BTU)			 AU14	 AB14		 AR14


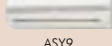














**AOY24LM2 Capacity Table: 1 outdoor unit to 2 indoor units**

The total capacity of the indoor units that can be connected is 4.4 - 8.7kW (15,000 - 30,000BTU)

	Wall Mounted type (Small size)	Wall Mounted type (Large Size)	Cassette type (Compact)	Floor/Ceiling Universal type	Duct type (Small Size)	Duct type
2.2kW (7,500BTU)	 AS7					
2.7kW (9,200BTU)	 AS9				 AR9	
3.5kW (11,900BTU)	 AS12		 AU12			 AR12
4.2kW (14,300BTU)			 AU14	 AB14		 AR14
5.2kW (17,800BTU)		 AS18	 AU18	 AB18		 AR18

**AOY30LM4 Capacity Table: 1 outdoor unit to 3-4 indoor unit**

The total capacity of the indoor units that can be connected is 7.9 - 14.3kW (27,000 - 49,000BTU)

	Wall Mounted type (Small size)	Wall Mounted type (Large Size)	Cassette type (Compact)	Floor/Ceiling Universal type	Duct type (Small Size)	Duct type
2.2kW (7,500BTU)	 AS7					
2.7kW (9,200BTU)	 AS9				 AR9	
3.5kW (11,900BTU)	 AS12		 AU12			 AR12
4.2kW (14,300BTU)			 AU14	 AB14		 AR14
5.2kW (17,800BTU)		 AS18	 AU18	 AB18		 AR18
6.3kW (21,500BTU)						 AR22
6.8kW (23,200BTU)		 AS24		 AB24		



Wall Mounted type (Small size)  
ASY7/9/12  
(Dimensions HxWxD mm: 257x808x187)



Floor/Ceiling Universal type  
ABY/14/18/24  
(Dimensions HxWxD mm: 199x990x655)



Wall Mounted type (Large size)  
ASY18/24  
(Dimensions HxWxD mm: 320x1120x220)



Cassette type (Compact)  
AUY12/14/18  
(Dimensions HxWxD mm: 235x580x(580+70))

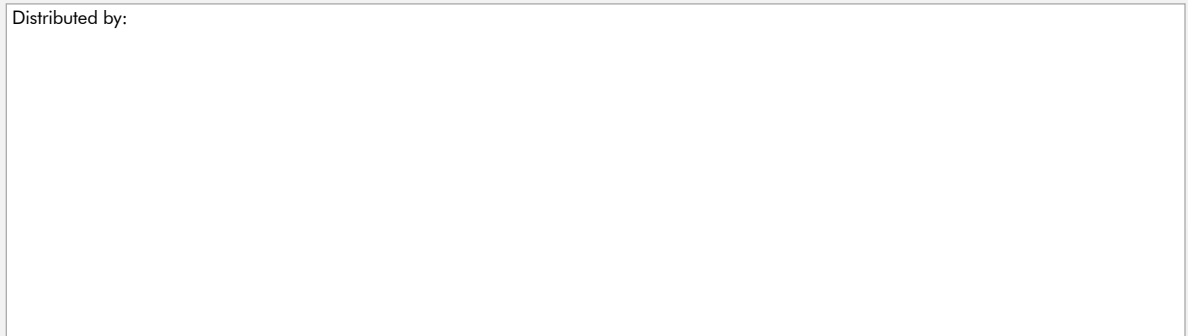


Duct type (Small size)  
ARY9  
(Dimensions HxWxD mm: 217x663x595)



Duct type  
ARY12/14/18/22  
(Dimensions HxWxD mm: 217x953x595)

Distributed by:



ISO 9001  
Certified number: 103 88266  
Fujitsu General (Thailand) Co., Ltd.

ISO 14001  
Certified number: 103 82145  
Fujitsu General (Thailand) Co., Ltd.

ISO 9001  
Certified number: 103 70203  
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Certified number: 103 64152  
Fujitsu General (Shanghai) Co., Ltd.

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### Convenient and economical

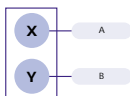
Multi-type systems are one of today's most advanced forms of air conditioning, creating the ultimate 'controllable environment' in the modern workplace. The range consists of multi-systems that can be fitted to accommodate 2 to 5 rooms.

- Single outdoor to multiple indoor units
- Precise temperature control
- Highly energy efficient
- Simultaneous cooling / heating
- Ultra-quiet
- Washable air filter
- Easy-to-use remote controller
- Quick and easy installation



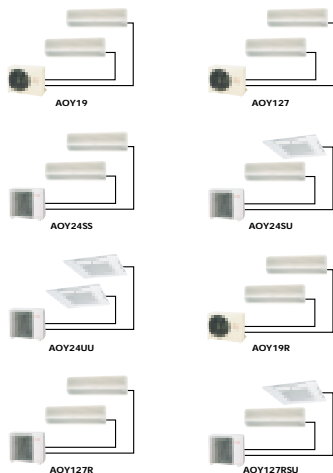
# multi-type

## 2 split



Operating Indoor Unit (No. of)	Indoor Unit Reference	Capacity kW
1	A	3.5
	B	3.5
2	A+B	2 x 3.5

\*\*Please see note below



## Cooling

Specification	System Ref.	AOY19		
	Outdoor	AOY19AMCM2	AOY19AMDM2	
	Indoor	ASY9Ax2	ASY7A	ASY12A
Super Quiet		✓	✓	✓
Moisture Removal		✓	✓	✓
Twin Flow		✓	✓	✓
Up/Down Swing Flaps		✓	✓	✓
Auto Flaps		✓	✓	✓
Auto Shut Flaps		✓	✓	✓
Auto Air Flow Adjustment		✓	✓	✓
Auto Louvre				
Auto Restart		✓	✓	✓
Sleep Timer		✓	✓	✓
Program Timer		✓	✓	✓
Auto-Changeover				
Connectable Distributing Duct				
Connectable Fresh Air Duct				
Energy Save				
Cold Air Prevention				
Dimensions (WxHxD)	Indoor	815X260X168	815X260X168	815X260X168
	Outdoor	840X643X336	840X643X336	840X643X336
Single Unit Operating Capacity	Cooling kW	2.80	2.20	3.50
	Heating kW			
Net weight	Kg	Indoor 8/Out 64	Indoor 8/Out 64	Indoor 8/Out 64
	Room Air Circulation (high)	m <sup>3</sup> /h	465x2	465
Power Supply	V · PH · HZ	240 · 1 · 50	240 · 1 · 50	240 · 1 · 50
	Running Current	A (System)	4.9 (9.3)	3.8 (9.5)
Fuse Rating (complete system)	A	20	20	20
	Starting Current	A	24 x 2	31
Power Consumption	kW (System)	1.11 (2.10)	0.85 (2.16)	1.44 (2.16)
	Interconnecting cable		2+E	2+E
Remote Control Type		Handy	Handy	Handy
	Noise levels	Indoor L/M/H	31,34,37	33.5,35,37
Outdoor			54	50
Max pipe length	m	15x2	15	15
Max height difference	m	5x2	5	5
Refrigerant Charge	m	15x2	15	15
Pipe size (inches)	Gas	3/8	3/8	1/2
	Liquid	1/4	1/4	1/4
Min Outdoor Operation °C dg/hg*				

**Note:** Fuse ratings shown are only for information. Any fuses or M.C.B.'s installed onsite should be sized in accordance with I.E.E. regulations.

\* Refer to your local distributor for information.

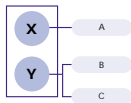
\*\* NB. Capacities shown are examples only. For the capacity for each system please refer to the technical data.



# 3 split



AOY20A  
(ASY9A)



## Cooling →

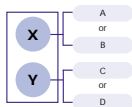
Specification	System Ref. AOY20	
	Outdoor	Indoor
Super Quiet		✓
Moisture Removal		✓
Twin Flow		✓
Up/Down Swing Flaps		✓
Auto Flaps		✓
Auto Shut Flaps		✓
Auto Air Flow Adjustment		✓
Auto Louvre		
Auto Restart		✓
Sleep Timer		✓
Program Timer		✓
Auto-Changeover		
Energy Save		
Cold Air Prevention		
Connectable Distributing Duct		
Connectable Fresh Air Duct		
Dimensions (WxHxD)	Indoor	815X260X168
	Outdoor	840X643X336
Single Unit	Cooling kW	2.34
Operating Capacity	Heating kW	2.64
Net weight	Kg	Indoor 8/Outdoor 66
Room Air Circulation (high)	m <sup>3</sup> /h	400x3
Power Supply	V · PH · HZ	240 · 1 · 50
Running Current	A (System)	3.5 (8.5)
Fuse Rating (complete system)	A	20
Starting Current	A	20+25
Power Consumption	kW (System)	0.81 (1.90)
Interconnecting cable		2+E
Remote Control Type		Handy
Noise levels	Indoor L/M/H	34,36,38
	Outdoor	54
Max pipe length	m	15(A) 20 (B+C)
Max height difference	m	5(A) 5(B+C)
R22 Charged	m	15(A) 20 (B+C)
Pipe size (inches)	Gas	3/8
	Liquid	1/4
Min Outdoor Operation	°C clg/hg*	

Operating Indoor Unit (No. of)	Indoor Unit reference	Capacity kW
1	A	2.3
	B or C	2.6
2	B + C	1.8 + 1.8
	A + B or C	2.3 + 2.6
3	A + B + C	2.3 + 1.8 + 1.8

# 4 split



AOY32  
(ASY12)



## Cooling/Heating

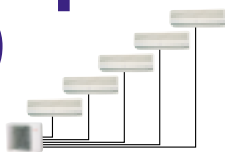
Specification	System Ref.		
	Outdoor	AOY32AN	AOY32RN
Super Quiet		✓	✓
Moisture Removal		✓	✓
Twin Flow		✓	✓
Up/Down Swing Flaps		✓	✓
Auto Flaps		✓	✓
Auto Shut Flaps		✓	✓
Auto Air Flow Adjustment		✓	✓
Auto Louvre			
Auto Restart		✓	✓
Sleep Timer		✓	✓
Program Timer		✓	✓
Auto-Changeover			
Energy Save			
Cold Air Prevention			✓
Connectable Distributing Duct			
Connectable Fresh Air Duct			
Dimensions (WxHxD)	Indoor	815X260X168	815x260x168
	Outdoor	940X1152X370	940X1152X370
Single Unit	Cooling kW	3.50	3.65
Operating Capacity	Heating kW	4.50	4.50
Net weight	Kg	Indoor 8/Outdoor 101	Indoor 8/Outdoor 103
Room Air Circulation (high)	m <sup>3</sup> /h	500x4	495x4
Power Supply	V · PH · HZ	240 · 1 · 50	240 · 1 · 50
Running Current	A (System)	8.1 (17.4)	8.2 (16.6)
Fuse Rating (complete system)	A	30	30
Starting Current	A	32X2	32X2
Power Consumption	kW (System)	1.75 (3.76)	1.76 (3.52)
Interconnecting cable		3+E	3+E
Remote Control Type		Handy	Handy
Noise levels	Indoor L/M/H	35,37,39	31,36,39
	Outdoor	58	58
Max pipe length	m	30 (A+B) 30 (C+D)	30 (A+B) 30 (C+D)
Max height difference	m	10 (A+B) 10 (C+D)	10 (A+B) 10 (C+D)
R22 Charged	m	30 (A+B) 30 (C+D)	30 (A+B) 30 (C+D)
Pipe size (inches)	Gas	1/2	1/2
	Liquid	1/4	1/4
Min Outdoor Operation	°C clg/hg*		

Operating Indoor Unit (No. of)	Indoor Unit reference	Capacity kW
1	A or B or C or D	3.7
	A + B or C + D	2.4 x 2
2	A + C or D or B + C or D	3.7 x 2
	A + B + C or D	2.4 x 2 + 3.7
4	A + B + C + D	2.4 x 4

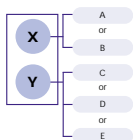


# cooling/heating

## 5 split



AOY24  
(ASY9, ASY12)



Operating Indoor Unit (No. of)	Indoor Unit reference	Capacity kW
1	A or B	3.3
	C or D or E	2.4
2	A + B	3.3 x 2
	C + D or E	2.4 x 2
	A or B + C or D or E	3.3 + 2.4
3	A + B + C or D or E	2.0 x 2 + 2.4
	A or B + C + D or E	3.3 + 1.4 x 2
	C + D + E	1.0 x 3
4	A + B + C + D or E	2.0 x 2 + 1.4 x 2
	A or B + C + D	3.3 + 1.0 x 3
	A + B + C + D + E	2.0 x 2 + 1.0 x 3

Cooling

Specification	AOY24		
	AOY24AMAM5		
System Ref.			
Outdoor			
Indoor	ASY9Ax3	ASY12Ax2	
Super Quiet	✓	✓	
Moisture Removal	✓	✓	
Twin Flow	✓	✓	
Up/Down Swing Flaps	✓	✓	
Auto Flaps	✓	✓	
Auto Shut Flaps	✓	✓	
Auto Air Flow Adjustment	✓	✓	
Auto Louvre			
Auto Restart	✓	✓	
Sleep Timer	✓	✓	
Program Timer	✓	✓	
Auto Changeover			
Energy Save			
Cold Air Prevention			
Connectable Distributing Duct			
Connectable Fresh Air Duct			
Dimensions (WxHxD)	Indoor	815X260X168	815X260X168
	Outdoor	900X700X350	900X700X350
Single Unit Operating Capacity	Cooling kW	3.28	3.28
	Heating kW		
Net weight	Kg	Indoor 8/Out 75	Indoor 8/Out 75
Room Air Circulation (high)	m <sup>3</sup> /h	400x3	495x2
Power Supply	V, PH - HZ	240 - 1. 50	240 - 1. 50
Running Current	A (System)	4.83 (11.0)	6.35 (11.0)
Fuse Rating (complete system)	A	20	20
Starting Current	A	25	35
Power Consumption	kW (System)	1.07 (2.46)	1.38 (2.46)
Interconnecting cable		3+E	3+E
Remote Control Type		Handy	Handy
Noise levels	Indoor	35, 37, 39	39, 40, 5, 42
	Outdoor	49	49
Max pipe length	m	30 (C+D+E)	20 (A+B)
Max height difference	m	5 (C+D+E)	5 (A+B)
Refrigerant Charge	m	30 (C+D+E)	20 (A+B)
Pipe size (Inches)	Gas	3/8	1/2
	Liquid	1/4	1/4
Min Outdoor Operation °C dly/htg*			

# air

conditioners

*you'll be glad you fitted...*

**FUJITSU**

*air conditioning*



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