

# multi split system outdoor units

## MULTI F



### Specification

Model			FM19AH UE0	FM25AH UE3	FM30AH UE0
Nominal Capacity* (Min~Rated~Max)	Cooling	kW	1.35~5.30~6.33	1.85~7.03~8.5	1.85~8.80~10.55
		Btu/h	4,600~18,000~21,600	6,300~24,000~29,000	6,300~30,000~36,000
	Heating	kW	1.41~6.30~7.27	2.22~8.44~9.38	2.22~10.1~12.1
		Btu/h	4,800~21,600~24,800	7,560~28,800~32,000	7,560~34,500~41,400
Nominal Input * (Min~Rated~Max)	Cooling	kW	0.38~1.55~2.35	0.72~1.99~2.75	0.72~2.39~3.96
	Heating	kW	0.45~1.65~2.32	0.88~1.96~2.79	0.88~2.25~4.13
Energy label			A/A	A/A	A/A
Testing Combination			MSO9AH N40 * 2 + MS12AH N40	MSO7AH N40 * 2EA MSO9AH N40 * 2EA	MSO7AH N40 * 3EA MSO9AH N40 * 2EA
Running Current	Cooling	A	2.3~7.3~10.5	2.3~8.0~13.0	2.9~10.7~17.5
	Heating	A	2.6~7.8~10.6	3.0~9.0~13.0	3.1~10.0~18.2
Power Supply		ø/V/ Hz	1/220~240/50	1/220~240/50	1/220~240/50
Dimensions	W*H*D	mm(inch)	870*655*320	870*808*320	870*808*320
			(34.3*25.8*12.6)	(34.3*31.8*12.6)	(34.3*31.8*12.6)
Net Weight		kg(lbs)	52(115)	61(134)	65(143.3)
Max. Number of Connectable Indoor Units			3	4	5
Refrigerant	Charge (at 7.5m)	g(oz)	1,650(59.97)	2,000(70.5)	2,550(89.95)
Air flow rate (H/M/L)		CMM (CFM)	53(1,766)	53(1872)	60(2119)
Noise Level (H/L)	Sound Pressure at 1m	dB(A)±3	51/45	52	52
Piping Connections	Liquid(ø)	mm(inch)	6.35(1/4)*3EA	6.35(1/4)*4EA	6.35(1/4)*5EA
	Gas(ø)	mm(inch)	9.52(3/8)*3EA	9.52(3/8)*4EA	9.52(3/8)*5EA
Max. Interunit Piping	Total of Each Room	m	50	70	75
Length	For One Room		25	25	25
Max. Elevation	Indoor Unit~Outdoor Unit	m	15	15	15
	Indoor Unit~Indoor Unit	m	7.5	7.5	7.5
Fuze Sizes Amps			10A	16A	20A

#### Notes:

- Capacities are based on the following conditions:
  - Cooling: - Indoor Temperature 27°C (80.6°F) DB /19°C (66.2°F) WB
  - Outdoor Temperature 35°C (95°F) DB /24°C (75.2°F) WB
  - Heating: - Indoor Temperature 20°C (68°F) DB / 15°C(59°F) WB
  - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
  - Piping Length - Interconnecting Piping Length 7.5m
  - Level Difference of Zero.
- \* : See page "Combination Table"70 Page.
- Due to our policy of innovation some specifications may be changed without notification
- At least two indoor units should be connected.
- Minimum combination capacity rate should be more than 40%.

