

MULTI SPLIT

Outdoor units



R32 refrigerant

The R32 refrigerant used in air conditioners makes them far more efficient than the appliances operating on the commonly used R410A refrigerant.



Inverter technology

The inverter technology enables economical operation of the system without sudden spikes in compressor frequency, while ensuring energy-efficient and quiet operation of the appliance.



Automatic defrosting

Efficient operation of the MULTI SPLIT system in the heating mode, under difficult weather conditions, is possible with automatic defrosting of the heat exchanger of the outdoor unit.



DC motor

The high-efficiency DC motor with a compact design ensures energy-efficient operation of the fan of the outdoor unit. The DC motor, compared to conventional AC motors, ensures lower operation noise of the outdoor unit.



Hydrophilic aluminium film

The special coating of heat exchangers prevents corrosion and extends the service life of the appliance.

ELECTRONIC
EXPANSION
VALVE

OPERATION
RANGE
COOLING:
-10 ~ 46°C

OPERATION
RANGE
HEATING:
-15 ~ 24°C





Outdoor unit			M2T050-D1	M3T070-D1	M5T100-D1
Electrical parameters	Power supply	f/V/Hz	1/230/50	1/220-240/50/60	1/220-240/50/60
Performance	Airflow	m ³ /h	2400	3000	4200
	Sound power level	dB(A)	63	66	71
	Sound pressure level	dB(A)	53	53	55
Installation	Dimensions without packaging (W/D/H)	mm	800/275/553	890/340/700	920/372/760
	Dimensions with packaging (W/D/H)	mm	954/409/625	998/443/770	1036/478/820
	Net/gross weight	kg	36/39	54/58	66/71
	Compressor type		Twin rotary	Twin rotary	Twin rotary
	Refrigerant		R32	R32	R32
	GWP		675	675	675
	Liquid pipe diameter	mm	2x6.35	3x6.35	5x6.35
	Gas pipe diameter	mm	2x9.52	3x9.52	3 x 9.52 + 2 x 12.7
	Total pipeline length (max)	m	30	60	80
	Max level difference	m	15	25	25
Working conditions (out)	Refrigerant filling	kg	1.4	1.6	2.4
	Total pipeline length without filling	m	20	30	40
	Extra refrigerant per metre of pipeline	g/m	20	20	20
	Cooling (min ~ max)	°C	-10 ~ 46	-10 ~ 46	-10 ~ 46
	Heating (min ~ max)	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24

Outdoor unit			M2T050-D1	M3T070-D1	M5T100-D1
Max number of indoor units per outdoor unit			2	3	5
Indoor units			2*JS035-D2	3*JS026-D2	2*JS026-D2+JS035-D2+JS050-C1
Rated value	Cooling capacity	kW (rated (min. - max))	5 (1.1 ~ 5.7)	6.2	9.5
	Heating capacity	kW (rated (min. - max))	5.2 (1.6 ~ 6.1)	6.8	10.0
	Cooling power input	kW (rated (min. - max))	1.45 (0.35 ~ 2.55)	1.85	3.4
	Heating power input	kW (rated (min. - max))	1.4 (0.55 ~ 2.8)	2.05	2.8
EER/COP			3.45/3.71	3.3/3.3	2.7/3.2
Season value	SEER/SCOP		6.50/4.00	6.2/3.8	6.2/3.8
	Energy rating (cooling/heating)		A++/A+	A++/A	A++/A
	Annual energy consumption (cooling)	kWh	269	332	537
	Annual energy consumption (heating)	kWh	1645	2012	2889