

# 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	Ph/V/Hz	1/230/50	1/220-240/50/60	1/220-240/50/60
Performance	Airflow	m <sup>3</sup> /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
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	
Working conditions (out)	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
Nominal 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

