

FLOOR/CEILING

3 CAPACITIES

3.50~7.10 kW

COMPACT DESIGN

235 mm height for all models

WASHABLE FILTER

air quality optimization

SELF-DIAGNOSIS CHECK CONTROL

MEMORY FUNCTION

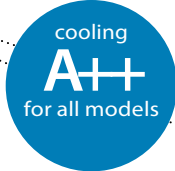
DAILY TIMER

MAXIMUM SPLITTING LENGTH 30 m

DOWN TO -20°C

CONTROLS

remote control included



MSFGS 351~711 ZA



	SEER	SCOP
3.50 kW	7.20	4.10
5.30 kW	6.50	4.20
7.10 kW	7.20	4.30

Indoor unit model			MSFGS 351 ZA	MSFGS 531 ZA	MSFGS 711 ZA
Outdoor unit model			MCKGS 351 ZA	MCKGS 531 ZA	MCKGS 711 ZA
Type			DC-Inverter heat pump		
Control (supplied)			Remote control		
Nominal data					
Nominal capacity (T=+35°C)	Cooling	kW	3.50	5.30	7.10
Nominal absorbed power (T=+35°C)		kW	0.92	1.56	2.03
Nominal energy efficiency coefficient		EER ¹	3.80	3.40	3.50
Nominal capacity (T=+7°C)	Heating	kW	4.00	5.60	7.70
Nominal absorbed power (T=+7°C)		kW	0.93	1.44	1.95
Nominal energy performance coefficient		COP ¹	4.30	3.90	3.95
Seasonal data					
Theoretical load (Pdesignc)	Cooling	kW	3.50	5.30	7.10
Seasonal energy efficiency index		SEER ²	7.20	6.50	7.20
Seasonal energy efficiency class		626/2011 ³	A++	A++	A++
Annual energy consumption	Heating (average weather conditions)	kWh/y	170	285	345
Theoretical load (Pdesignh) @ -10°C		kW	3.10	3.90	4.70
Seasonal energy efficiency index		SCOP ²	4.10	4.20	4.30
Seasonal energy efficiency class		626/2011 ³	A+	A+	A+
Annual energy consumption		kWh/y	1059	1300	1530
Electrical data					
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50/60Hz		
Power cable		Type	3 x 1.5 mm ²	3 x 2.5 mm ²	3 x 4 mm ²
Connection wires between I.U. and O.U.		no.	4	4	4
Nominal absorbed current	Cooling	A	4.40	7.30	9.70
	Heating	A	4.50	7.00	9.10
Maximum current		A	6.00	9.50	14.00
Maximum absorbed power		kW	1.30	1.90	2.80
Refrigerant circuit data					
Refrigerant ⁴	Type (GWP)		R32 (675)	R32 (675)	R32 (675)
Q.ty of refrigerant pre-charge	Kg		0.57	0.85	1.5
Tons of CO2 equivalent	t		0.385	0.574	1.013
Liquid/gas refrigerant pipe diameter	mm (inches)		6.35(1/4) / 9.52(3/8)	6.35(1/4) / 12.74(1/2)	9.52(3/8) / 15.88(5/8)
Max split length	m		30	30	30
Max difference in height U.I./O.U.	m		15	20	20
Split length without additional charge	m		5	5	5
Additional charge	g/m		16	16	20
Indoor unit specifications					
Dimensions	LxDxH	mm	870x665x235	870x665x235	1200x665x235
Net weight		Kg	24	25	31
Sound power level	SHi	dB(A)	49	59	54
Sound pressure level	SHi/Hi/Mi/Lo	dB(A)	35/34/31/28	41/40/38/36	41/39/37/35
Volume of air treated	SHi/Hi/Mi/Lo	m³/h	650/600/500/400	900/800/700/600	1250/1100/1000/900
Outdoor unit specifications					
Dimensions	LxDxH	mm	675x285x553	745x300x555	889x340x660
Net weight		Kg	24.5	30.5	41.5
Sound power level	Max	dB(A)	56	65	69
Sound pressure level	Max	dB(A)	48	52	55
Volume of air treated	Max	m³/h	1800	2200	3600
Operating limits (outdoor temperature)	Cooling	°C	-20~52		
	Heating		-20~24		
Optional parts					
Wired control with Wi-Fi module integrated			DMW-ZA1 WiFi		
Interface for connection to centralized control			DMC-LCAC-Gateway		
Centralized controls			M-V-CC-T255-G		

1. Value measured according to the harmonized standard EN1451. 2. EU Regulation No. 206/2012 -- Value measured according to the harmonized standard EN14825. 3. EU Delegated Regulation No. 626/2011 on the new labelling indicating the energy consumption of air conditioners. 4. Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 675. Therefore, if 1 kg of this refrigerant were released into the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO₂ over a period of 100 years. Under no circumstances should the user attempt to intervene on the refrigerant circuit or disassemble the product. If necessary, always contact qualified personnel. 5. DMC-LCAC-Gateway interface required.