

8-WAY BIG CASSETTE 84x84

2 CAPACITIES

5.30~7.10 kW

360° AIR
DISTRIBUTION

MEMORY FUNCTION

DOWN TO -20°C

COMPACT DESIGN

200 mm height for
recessed installation in
false ceilings

CONDENSATE DRAIN PUMP

INCLUDED maximum height
difference 1000 mm from
panel edgeMAXIMUM SPLITTING
LENGTH 75 m

CONTROLS

standard remote control

MTBGS 531~711 ZA



SEER SCOP

5.30 kW 7.20 4.30

7.10 kW 6.70 4.30

Indoor unit model			MTBGS 531 ZA		MTBGS 711 ZA	
Outdoor unit model			MCKGS 531 ZA		MCKGS 711 ZA	
Type			DC-Inverter heat pump			
Control (supplied)			Remote control			
Nominal data						
Nominal capacity (T=+35°C)	Cooling	kW	5.30		7.10	
Nominal absorbed power (T=+35°C)		kW	1.54		2.03	
Nominal energy efficiency coefficient		EER ¹	3.45		3.50	
Nominal capacity (T=+7°C)	Heating	kW	5.80		8.00	
Nominal absorbed power (T=+7°C)		kW	1.47		2.00	
Nominal energy performance coefficient		COP ¹	3.95		4.00	
Seasonal data						
Theoretical load (Pdesignc)	Cooling	kW	5.30		7.10	
Seasonal energy efficiency index		SEER ²	7.20		6.70	
Seasonal energy efficiency class		626/2011 ³	A++		A++	
Annual energy consumption	Heating (average weather conditions)	kWh/y	258		371	
Theoretical load (Pdesignh) @ -10°C		kW	3.90		5.00	
Seasonal energy efficiency index		SCOP ²	4.30		4.30	
Seasonal energy efficiency class		626/2011 ³	A+		A+	
Annual energy consumption		kWh/y	1270		1628	
Electrical data						
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50HZ			
Power cable		Type	3 x 2.5 mm ²		3 x 4 mm ²	
Connection wires between I.U. and O.U.		no.	4		4	
Nominal absorbed current	Cooling	A	7.30		9.70	
	Heating	A	7.00		9.60	
Maximum current		A	9.50		14.00	
Maximum absorbed power		kW	1.90		2.80	
Refrigerant circuit data						
Refrigerant ⁴		Type (GWP)	R32 (675)		R32 (675)	
Q.ty of refrigerant pre-charge		Kg	0.85		1.5	
Tons of CO2 equivalent		t	0.574		1.013	
Liquid/gas refrigerant pipe diameter		mm (inches)	6.35(1/4) / 12.74(1/2)		9.52(3/8) / 15.88(5/8)	
Max split length		m	30		30	
Max difference in height U.I./O.U.		m	20		20	
Split length without additional charge		m	5		5	
Additional charge		g/m	16		20	
Indoor unit specifications						
Dimensions	LxDxH	mm	840x840x200		840x840x200	
Net weight		Kg	21		21	
Sound power level	SHi	dB(A)	51		51	
Sound pressure level	SHi/Hi/Mi/Lo	dB(A)	36/35/33/31		39/38/36/34	
Volume of air treated	SHi/Hi/Mi/Lo	m³/h	900/800/700/600		1100/1000/900/800	
Outdoor unit specifications						
Dimensions	LxDxH	mm	745x300x555		889x340x660	
Net weight		Kg	30.5		41.5	
Sound power level	Max	dB(A)	65		69	
Sound pressure level	Max	dB(A)	52		55	
Volume of air treated	Max	m³/h	2200		3600	
Operating limits (outdoor temperature)	Cooling	°C	-20~52			
	Heating		-20~24			
Accessories			MTBPG 710 ZA			
Decorative panel			MTBPG 710 ZA			
Dimensions	LxDxH	mm	950x950x52		950x950x52	
Net weight		Kg	6		6	
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.