

8-WAY BIG CASSETTE 84x84

2 CAPACITIES
5.30~7.10 kW

false ceilings
360° AIR DISTRIBUTION

COMPACT DESIGN
200 mm height for recessed installation in

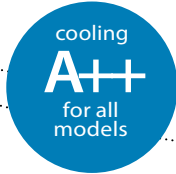
MEMORY FUNCTION

DOWN TO -20°C

CONDENSATE DRAIN PUMP INCLUDED maximum height difference **1000 mm** from panel edge

MAXIMUM SPLITTING LENGTH 75 m

CONTROLS
standard remote control



	SEER	SCOP
5.30 kW	7.20	4.30
7.10 kW	6.70	4.30

MTBGS 531~711 ZA

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)		kW	5.30		7.10
Nominal absorbed power (T=+35°C)	Cooling	kW	1.54		2.03
Nominal energy efficiency coefficient		EER ¹	3.45		3.50
Nominal capacity (T=+7°C)		kW	5.80		8.00
Nominal absorbed power (T=+7°C)	Heating	kW	1.47		2.00
Nominal energy performance coefficient		COP ¹	3.95		4.00
Seasonal data					
Theoretical load (Pdesignc)		kW	5.30		7.10
Seasonal energy efficiency index	Cooling	SEER ²	7.20		6.70
Seasonal energy efficiency class		626/2011 ³	A++		A++
Annual energy consumption		kWh/y	258		371
Theoretical load (Pdesignh) @ -10°C		kW	3.90		5.00
Seasonal performance coefficient	Heating	SCOP ²	4.30		4.30
Seasonal energy efficiency (ηs)	(average weather conditions)	%	169		169
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	m ³ /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	m ³ /h	2200		3600
Operating limits (outdoor temperature)	Cooling	°C			-20~-52
	Heating				-20~-24
Accessories					
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-G2

1. Value measured according to the harmonized standard EN1451. 2. EU Regulation No. 206/2012. 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.