

DUCTED

3 CAPACITIES

3.50~7.10 kW

WASHABLE FILTER

air quality optimization

MEMORY FUNCTION

cooling
A++
for all models

CONDENSATE DRAIN PUMP

INCLUDED maximum height difference **1000 mm** from lower profile

MAXIMUM COMPACTNESS

only **200 mm** high for the 3.50 and 5.30 kW models

MAXIMUM SPLITTING LENGTH 30 m

STATIC PRESSURE LEVEL

adjustable up to **160 Pa**
(mod. 7.10 kW)

COMPATIBLE WITH SYSTEMS

AIRZONE

DOWN TO -20°C

CONTROLS

wired control included

Wi-Fi optional
Wired Control
DMW-ZA1 WiFi

MUDGS 351~531 ZA

MVDGS 711 ZA

	SEER	SCOP
3.50 kW	6.50	4.00
5.30 kW	6.30	4.00
7.10 kW	6.60	4.10

Indoor unit model			MUDGS 351 ZA	MUDGS 531 ZA	MVDGS 711 ZA
Outdoor unit model			MCKGS 351 ZA	MCKGS 531 ZA	MCKGS 711 ZA
Type			DC-Inverter heat pump		
Control (supplied)			Wired control		
Nominal data					
Nominal capacity (T=+35°C)	Cooling	kW	3.50	5.30	7.10
Nominal absorbed power (T=+35°C)		kW	1.03	1.51	1.92
Nominal energy efficiency coefficient		EER ¹	3.40	3.50	3.70
Nominal capacity (T=+7°C)	Heating	kW	4.00	5.60	8.00
Nominal absorbed power (T=+7°C)		kW	1.00	1.42	2.00
Nominal energy performance coefficient		COP ¹	4.00	3.95	4.00
Seasonal data					
Theoretical load (Pdesignc)	Cooling	kW	3.50	5.30	7.10
Seasonal energy efficiency index		SEER ²	6.50	6.30	6.60
Seasonal energy efficiency class		626/2011 ³	A++	A++	A++
Annual energy consumption	Heating (average weather conditions)	kWh/y	188	294	377
Theoretical load (Pdesignh) @ -10°C		kW	3.00	3.90	4.70
Seasonal energy efficiency index		SCOP ²	4.00	4.00	4.10
Seasonal energy efficiency class		626/2011 ³	A+	A+	A+
Annual energy consumption		kWh/y	1050	1365	1605
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	4.90	7.20	9.20
	Heating	A	4.80	6.80	9.60
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	700x450x200	1000x450x200	900x655x260
Net weight		Kg	18	24	29.5
Sound power level	SHi	dB(A)	56	59	58
Sound pressure level	SHi/Hi/Mi/Lo	dB(A)	35/33/32/30	36/35/33/31	37/35/33/31
Volume of air treated	SHi/Hi/Mi/Lo	m³/h	600/550/500/400	900/800/700/600	1100/1000/900/800
Fan's static pressure	Std/Max	Pa	25/80	25/80	25/160
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.