DUCTED

3 CAPACITIES
9.20~15.24 kW

-15~50°C in cooling
-20~24°C in heating

CONDENSATE DRAIN PUMP INCLUDED

DOUBLE INSTALLATION POSSIBILITY:
ceiling or wall recessed

AUTO-RESTART

WEEKLY TIMER

CONTROLS
wired control included

NEW

cooling A++ for all models

Wi-Fi optional

	SEER	SCOP
9.20 kW	6.10	4.00
12.40 kW	6.10	4.00
15.24 kW	6.10	4.00

MUCIS 1082~1602 ZA

Indoor unit model			**MUCIS 1082 ZA**	**MUCIS 1402 ZA**	**MUCIS 1602 ZA**
Outdoor unit model			**MCSIS 1082 ZA**	**MCSIS 1402 ZA**	**MCSIS 1602 ZA**
Type			DC-Inverter heat pump		
Control (supplied)			Wired control		
Nominal data					
Nominal capacity (T=+35°C)	Cooling	kW	9.20 (2.73~11.73)	12.40 (3.52~15.83)	15.24 (4.10~17.29)
Nominal absorbed power (T=+35°C)		kW	2.83 (0.89~4.20)	3.83 (0.81~6.45)	5.25 (1.03~6.65)
Nominal energy efficiency coefficient		EER[1]	3.25	3.24	2.90
Nominal capacity (T=+7°C)	Heating	kW	10.10 (2.78~12.84)	15.24 (4.11~17.59)	17.58 (4.40~20.52)
Nominal absorbed power (T=+7°C)		kW	2.71 (0.78~4.00)	4.10 (0.95~5.80)	4.74 (0.95~6.60)
Nominal energy performance coefficient		COP[1]	3.75	3.72	3.71
Seasonal data					
Theoretical load (Pdesignc)	Cooling	kW	9.20	12.40	15.30
Seasonal energy efficiency index		SEER[2]	6.10	6.10	6.10
Seasonal energy efficiency class		626/2011[3]	A++	A++	A++
Annual energy consumption		kWh/y	528	711	878
Theoretical load (Pdesignh) @ -10°C	Heating (average weather conditions)	kW	8.80	11.50	12.50
Seasonal energy efficiency index		SCOP[2]	4.00	4.00	4.00
Seasonal energy efficiency class		626/2011[3]	A+	A+	A+
Annual energy consumption		kWh/y	3080	4025	4375
Electrical data					
Power supply	Outdoor unit	Ph-V-Hz	3Ph - 380/415V - 50Hz		
Power cable		type	5 x 2.5 mm²	5 x 4 mm²	5 x 4 mm²
Connection wires between I.U. and O.U.		no.	4	4	4
Nominal absorbed current	Cooling	A	4.40 (1.40~6.70)	6.00 (1.80~10.50)	8.10 (3.10~11.50)
	Heating	A	4.30 (1.30~6.40)	7.10 (2.00~9.00)	7.40 (2.00~11.50)
Maximum current		A	10.00	14.00	14.00
Maximum absorbed power		kW	5.00	7.30	7.50
Refrigerant circuit data					
Refrigerant[4]		type (GWP)	R32 (675)	R32 (675)	R32 (675)
Q.ty of refrigerant pre-charge		Kg	2.4	2.9	3.2
Tons of CO2 equivalent		t	1.620	1.958	2.160
Liquid/gas refrigerant pipe diameter		mm (inches)	9.52(3/8") / 15.88(5/8")		
Max split length		m	75	75	75
Max difference in height U.I./O.U.		m	30	30	30
Split length without additional charge		m	5	5	5
Additional charge		g/m	24	24	24
Indoor unit specifications					
Dimensions	LxDxH	mm	1200x750x245	1200x750x245	1200x750x300
Net weight		Kg	38.4	40.4	42.9
Sound power level	Hi	dB(A)	62	65	66
Sound pressure level	Hi/Mi/Lo/Silent	dB(A)	39/37/34/29	43.5/41.5/39.5/36	44.5/43/41.5/38
Volume of air treated	Hi/Mi/Lo	m³/h	1700/1400/1100	2000/1700/1300	2200/1900/1500
Fan's static pressure	Std/Max	Pa	37/160	50/160	50/160
Diameter of the condensate drain pipe		mm	ø25	ø25	ø25
Outdoor unit specifications					
Dimensions	LxDxH	mm	946x410x810	980x415x975	980x415x975
Net weight		Kg	80.5	90	92
Sound power level		dB(A)	70	73	75
Sound pressure level		dB(A)	63	66	66
Volume of air treated	Max	m³/h	4000	5600	5600
Operating limits (outdoor temperature)	Cooling	°C	-15~50		
	Heating		-20~24		
Optional parts					
Wired control with Wi-Fi module integrated			DMW-WIFI-ZA		

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.