

DUCTED

3 CAPACITIES
9.20~15.24 kW

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

CONDENSATE DRAIN PUMP INCLUDED

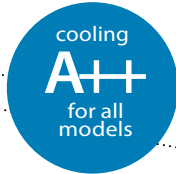
DOUBLE INSTALLATION POSSIBILITY:
ceiling or wall recessed

AUTO-RESTART

WEEKLY TIMER

CONTROLS

wired control included



MUCIS 1082~1602 ZA

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

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 performance coefficient		SCOP ²	4.00	4.00	4.00		
Seasonal energy efficiency (ηs)		%	157	157	157		
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 mm ²	5 x 4 mm ²	5 x 4 mm ²		
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 CO ₂ 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	m ³ /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	m ³ /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 - N2281/2016 - 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.