FLOOR/CEILING

3 CAPACITIES
10.10~12.30 kW

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

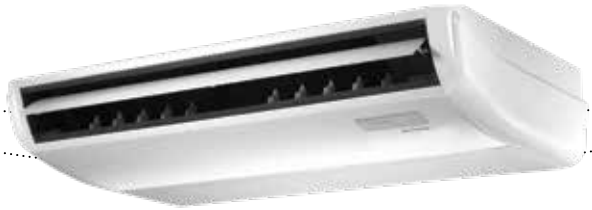
DOUBLE INSTALLATION POSSIBILITY

TURBO FUNCTION, to heat and cool the environment quickly

WIDE AIR DISTRIBUTION GRILLE
with aerodynamic fins to ensure rapid operation and reduce noise levels

CONTROLS
standard remote control

cooling A++ for all models



Wi-Fi optional

MSFIS 1082~1602 ZA

	SEER	SCOP
10.10 kW	6.20	4.00
12.10 kW	6.10	4.00
12.30 kW	6.10	4.00

Indoor unit model			**MSFIS 1082 ZA**	**MSFIS 1402 ZA**	**MSFIS 1602 ZA**
Outdoor unit model			**MCSIS 1082 ZA**	**MCSIS 1402 ZA**	**MCSIS 1602 ZA**
Type			DC-Inverter heat pump		
Control (supplied)			Remote control		
Nominal data					
Nominal capacity (T=+35°C)	Cooling	kW	10.10 (2.73~11.78)	12.10 (3.52~15.24)	12.30 (4.10~16.12)
Nominal absorbed power (T=+35°C)		kW	3.10 (0.89~4.30)	3.73 (0.91~6.20)	3.80 (1.10~6.50)
Nominal energy efficiency coefficient		EER[1]	3.26	3.25	3.24
Nominal capacity (T=+7°C)	Heating	kW	11.71 (2.81~12.78)	12.90 (4.10~17.59)	13.10 (4.40~19.35)
Nominal absorbed power (T=+7°C)		kW	3.14 (0.78~3.95)	3.47 (0.95~5.95)	3.52 (1.12~6.35)
Nominal energy performance coefficient		COP[1]	3.73	3.72	3.72
Seasonal data					
Theoretical load (Pdesignc)	Cooling	kW	10.10	12.10	12.30
Seasonal energy efficiency index		SEER[2]	6.20	6.10	6.10
Seasonal energy efficiency class		626/2011[3]	A++	A++	A++
Annual energy consumption		kWh/y	570	694	916
Theoretical load (Pdesignh) @ -10°C	Heating (average weather conditions)	kW	8.60	11.20	11.80
Seasonal performance coefficient		SCOP[2]	4.00	4.00	4.00
Seasonal energy efficiency (ns)		%	157	157	157
Seasonal energy efficiency class		626/2011[3]	A+	A+	A+
Annual energy consumption		kWh/y	3150	4025	4165
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	6.30 (1.40~6.80)	5.70 (2.10~9.60)	5.80 (3.10~10.80)
	Heating	A	5.50 (1.30~6.20)	5.30 (2.20~9.20)	5.50 (3.10~10.50)
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	1650x675x235	1650x675x235	1650x675x235
Net weight		Kg	41.5	41.7	42.3
Sound power level	Hi	dB(A)	64	68	70
Sound pressure level	Hi/Mi/Lo/Silent	dB(A)	51/47.5/45/37	51/49/43/35	53/50/42/36
Volume of air treated	Hi/Mi/Lo	m³/h	1955/1728/1504	2100/1850/1600	2200/1950/1650
Diameter of the condensate drain pipe		mm	Φ25	Φ25	Φ25
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 - N.2281/2016 - 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.