

Specifications

Floor/Ceiling



- Possibility of vertical or horizontal installation
- Fan with inverter motor; anti-dust filter included
- Wireless remote controller included
- Communication with "Nasa" protocol
- WI-FI kit (optional)
- Power supply: single-phase 220 V - 50 Hz
- Inverter Twin Rotary compressor – outdoor unit
- Possibility to connect two, three or four indoor units (twin-triple-quadri)

Model	Indoor Unit		AC052MNC DKH/EU AC052MXADKH/EU	AC071MNC DKH/EU AC071MXADKH/EU
EAN	Indoor Unit		8806088576787	8806088576824
	Outdoor Unit		8806088576794	8806088576619
Cooling	Std Capacity (Min-Max)	kW	5.00 (1.70~5.60)	7.10 (2.20~8.00)
	Std Absorption (Min-Max)	kW	1.64 (0.48~1.90)	2.93 (0.35~3.95)
	SEER: Seasonal Energy Efficiency Ratio	-	6,1	5,6
	Seasonal Energy Efficiency Class	-	A++	A+
	Design Heat Load (Pdesignc)	kW	5,0	7,1
	Indicative Annual Energy Consumption (QCE)	kWh/a	287	444
Heating	Std Capacity (Min-Max)	kW	6.00 (1.70~7.70)	8.00 (1.90~9.00)
	Std Absorption (Min-Max)	kW	1.78 (0.43~3.05)	2.92 (0.35~3.95)
	SCOP: Seasonal Coefficient of Performance	-	3,9	3,9
	Seasonal Energy Efficiency Class	-	A	A
	Design Heat Load (Pdesignh)	kW	2,4	3,5
	Electric back-up heater capacity elbu (Tj)	kW	-	-
	Declared capacity	kW	2,4	3,5
	Indicative annual energy consumption (QHE)	kWh/a	862	1256
Indoor Unit	Dimensions (WxHxD)	mm	1000x200x650	1000x200x650
	Panel Dimensions (WxHxD)	mm	-	-
	Weight	Kg	20	20
	Panel Weight	Kg	-	-
	Treated Air (Max)	m3/min	12,6	15,2
	Static Pressure Min-Std-Max	mmH2O	-	-
	Sound Power Level	dB(A)	60	64
Outdoor Unit	Dimensions (WxHxD)	mm	880x638x310	880x798x310
	Weight	Kg	43,8	53
	Sound Power Level	dB(A)	62	65
	Power Supply	Ø, V, Hz	1, 220~240, 50	1, 220~240, 50
	Operating Range (Cooling)	°C	-15~50	-15~50
	Operating Range (Heating)	°C	-20~24	-20~24
Installation Data	Liquid/Gas Piping	Ømm (inch)	6.35 (1/4") 12.70 (1/2")	6.35 (1/4") 15.88 (5/8")
	Piping Length Max	m	30	50
	Maximum Elevation Gap (Indoor/Outdoor Unit)	m	20	30
	Maximum Piping Length without Adding Refrigerant	m	5	5
	Additional Refrigerant Charging	g/m	10	20
Refrigerant	Refrigerant Type	-	R-410A	R-410A
	GWP: Global warming potential of the used refrigerant	-	2088	2088
	Factory Charging	Kg	1,30	1,50
	Ton equivalent Co2	tCo2Eq	2,71	3,13

Accessories			
Individual Controllers (Optional)		Others (Optional)	
			
MWR-SH10N	MWR-WE13N	MIM-H03N	MRW-TA

Ceiling



- It can be installed vertically only
- Fan with inverter motor; anti-dust filter included
- Communication with "Nasa" protocol
- Virus Doctor device (optional); WI-FI kit (optional)
- Power supply: single-phase 220 V - 50 Hz or three-phase 400 V - 50 Hz
- Inverter Twin Rotary compressor – outdoor unit
- Possibility to connect two indoor units (twin)

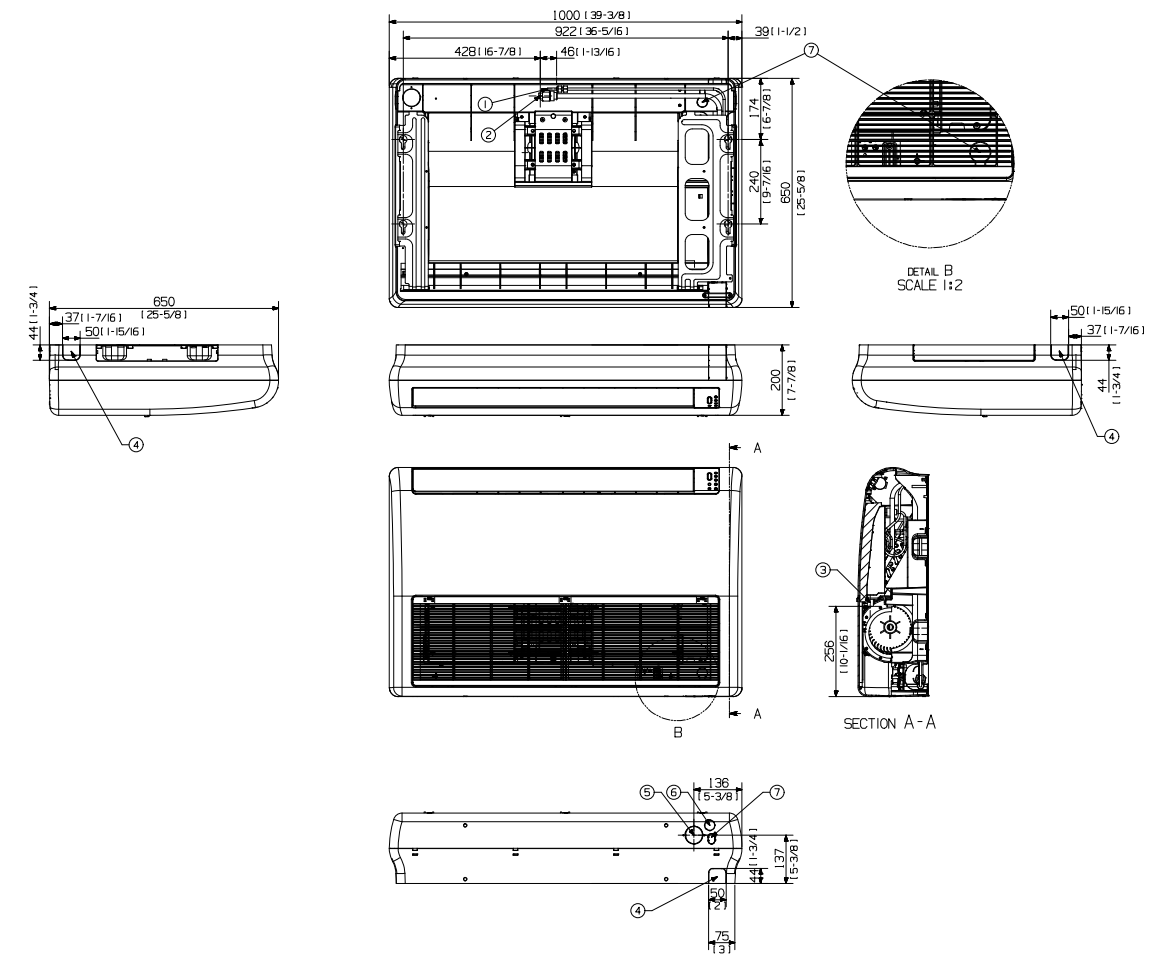
AC100MNC DKH/EU AC100MXADKH/EU	AC100MNC DKH/EU AC100MXADNH/EU	AC120MNC DKH/EU AC120MXADKH/EU	AC120MNC DKH/EU AC120MXADNH/EU	AC140MNC DKH/EU AC140MXADKH/EU	AC140MNC DKH/EU AC140MXADNH/EU	AC160JNC DEH/EU AC160JXADGH/EU
8806088576879	8806088576879	8806088576688	8806088576688	8806088576701	8806088576701	8806086867771
8806088576671	8806088576886	8806088576695	8806088576923	8806088576718	8806088576961	8806086867788
10.00 (3.00~12.00)	10.00 (3.00~12.00)	12.00 (3.50~13.50)	12.00 (3.50~13.50)	13.40 (3.50~15.50)	13.40 (3.50~15.50)	15.00 (4.30~17.30)
3.40 (0.60~4.70)	3.40 (0.60~4.70)	4.60 (0.90~5.50)	4.55 (0.90~5.50)	4.45 (0.80~6.44)	4.45 (0.80~7.90)	5.28 (0.90~6.40)
5,8	5,8	5,7	5,7	3,0 (EER)	3,0 (EER)	2.84 (EER)
A+	A+	A+	A+	-	-	-
10,0	10,0	12,0	12,0	-	-	-
603	603	737	737	-	-	-
11.20 (2.20~15.50)	11.20 (2.20~15.50)	13.00 (3.80~16.50)	13.00 (3.80~16.50)	15.50 (3.50~18.00)	15.50 (3.50~18.00)	17.50 (4.70~19.00)
3.20 (0.46~5.40)	3.20 (0.46~5.40)	3.80 (0.70~5.60)	3.80 (0.70~5.90)	4.54 (0.70~7.36)	4.54 (0.70~7.90)	4.86 (0.80~6.50)
4,0	4,0	4,1	4,1	3.4 (COP)	3.4 (COP)	3.60 (COP)
A+	A+	A+	A+	-	-	-
5,2	5,2	7,4	7,4	-	-	-
-	-	-	-	-	-	-
5,2	5,2	7,4	7,4	-	-	-
1820	1820	2527	2527	-	-	-
1650x235x675	1650x235x675	1650x235x675	1650x235x675	1650x235x675	1650x235x675	1650x235x675
-	-	-	-	-	-	-
41,4	41,4	41,4	41,4	41,4	41,4	42
-	-	-	-	-	-	-
26,0	26,0	30,0	30,0	34,0	34,0	37
-	-	-	-	-	-	-
60	60	62	62	64	64	68
940x998x330	940x998x330	940x998x330	940x998x330	940x1210x330	940x1210x330	940x1420x330
72	72	77	77	87	87	96
69	69	70	70	69	69	73
1, 220-240, 50	3, 380-415, 50	1, 220-240, 50	3, 380-415, 50	1, 220-240, 50	3, 380-415, 50	1, 220-240, 50
-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
-20~24	-20~24	-20~24	-20~24	-20~24	-20~24	-20~24
9.52 (3/8") 15.88 (5/8")	9.52 (3/8") 15.88 (5/8")	9.52 (3/8") 15.88 (5/8")	9.52 (3/8") 15.88 (5/8")	9.52 (3/8") 15.88 (5/8")	9.52 (3/8") 15.88 (5/8")	9.52 (3/8") 15.88 (5/8")
50	50	50	50	75	75	75
30	30	30	30	30	30	30
30	30	30	30	30	30	30
50	50	50	50	50	50	50
R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
2088	2088	2088	2088	2088	2088	2088
3,00	3,00	3,00	3,00	3,40	3,40	3,50
6,26	6,26	6,26	6,26	7,10	7,10	7,31

Accessories				
Individual Controllers (Optional)		Others (Optional)		
				
MWR-SH10N	MWR-WE13N	MIM-H03N	MRW-TA	MSD-CAN1

Dimensional Drawings

Floor/Ceiling

AC052/071MNC DKH/EU



Pos.	Name	Model	
		AC052MNC DKH/EU	AC071MNC DKH/EU
1	Liquid piping	ø 6,35 mm (1/4")	
2	Gas piping	ø 12,7 mm (1/2")	ø 15,88 mm (5/8")
3	Condensation drain piping	ID18mm [11/16"] Hose	
4	Piping connection	-	
6	Connection for external air	ø 50 [2]	
7	Connection of the condensation drain pipe	-	
8	Connection of the communication cables	-	

Controls & Accessories

189