



Quality that you feel

SPIRIT M

AIR-TO-WATER MONOBLOC HEAT PUMP



www.NIPONCOOLAIR.COM

*Energy class up to A+++ in heating at 35°C

HEAT PUMPS

AIR/WATER MONOBLOC HEAT-PUMP SPIRIT M

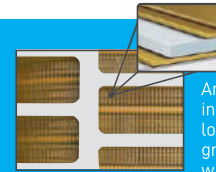


The Spirit M is a highly efficient Monobloc unit for production of heated or cooled water for room acclimatization with radiant floor, radiators, fan coils and even DHW, when allied with a DHW tank. It is available in the power ranges between 6 and 16kW.

- Built-in Wi-Fi Control.
- Water Output Temperature of 60°C (without backup heater)
- Latest Generation Components



INTEGRATED CONTROL



GOLDEN FIN

Anti-Corrosion Treatment of the OU interchanger grants it with a golden look (Golden Fin), making the unit a great product for seaside environment with high level of corrosion.

SPIRIT M MONOBLOC

M06 Gv3 M08 Gv3 M10 Gv3 M12 Gv3 M14 Gv3 M16 Gv3 M12T Gv3 M14T Gv3 M16T Gv3

Heating Power (7°C out/ 35°C water)	kW	6	7.5	10	12	14	15.5	11	13	15.5
Heating Power (7°C out/ 45°C water)	kW	6	7.5	10	12	14	15.5	12	14	15.5
Cooling Power (35°C out/ 7°C water)	kW	4	5	7.8	9.5	12	13	9.5	12	13
Cooling Power (35°C out/ 18°C water)	kW	5.8	6.8	8.8	11	12.5	14.5	11	12.5	14.5
EER (35°C out/ 7°C water)		3.10	3.10	3.15	3.05	2.90	2.65	2.97	2.90	2.75
EER (35°C out/ 18°C water)		4.30	4.30	4.49	4.30	4.10	3.77	4.30	4.10	3.80
COP (7°C out/ 35°C water)		5.00	4.60	4.61	4.55	4.35	4.31	4.55	4.35	4.30
COP (7°C out/ 45°C water)		3.8	3.75	3.7	3.45	3.35	3.30	3.16	3.11	3.30
SEER (35°C out/ 7°C water)		5	5.05	4.48	4.48	4.58	4.55	4.58	4.58	4.55
SCOP (7°C out/ 35°C water)		4.7	4.65	4.47	4.45	4.27	4.17	4.45	4.27	4.17
SCOP (7°C out/ 55°C water)		3.23	3.25	3.23	3.23	3.20	3.20	3.23	3.20	3.20
Energy Class (35°/55°/DHW)		A+++/A++/A								
Seasonal Energy Efficiency (Cooling)	%	126	127	128	126	125	125	126	125	125
Seasonal Energy Efficiency (Heating)	%	156	156	149	149	149	149	149	149	149
Electric Current Cooling	A	16	16	23	23	23	23	11	11	11
Electric Current Heating	A	11	11	21	21	21	21	7	7	7
Power Supply	V/f/Hz	220~240/1/150			220~240/1/150			380~415/3/50		
Working Temperature Range	Cooling	°C	+10~+48		+10~+48			+10~+48		
	Heating	°C	-25~+35		-25~+35			-25~+35		
	DHW	°C	-25~+45		-25~+45			-25~+45		
DHW Temperature	°C	+40~+80		+40~+80			+40~+80			
Hydraulic Connectios	in.(DN)	1"(25)		1"(25)			1"(25)			
Sound Pressure	Dimensions (WxDxH)	mm	52		53			53		
	Unit's Weight	Kg	54		55			55		
Refrigerant		R32		R32			R32			
Refrigerant Gas Load	Kg	1.2		2.8			2.8			
Equipment Dimensions (WxDxH)	mm	1150x756x390		1200x878x460			1200x878x460			
Package Dimensions (WxDxH)	mm	1250x900x490		1288x1020x548			1288x1020x548			
Net Weight/ Gross Weight	Kg	92/106		147/160			147/160			
Code		NI0510106	NI0510108	NI0510110	NI0510112	NI0510114	NI0510116	NI0510312	NI0510314	NI0510316

*Energy Class A+++ while Heating at 35°C