

nipon[®]

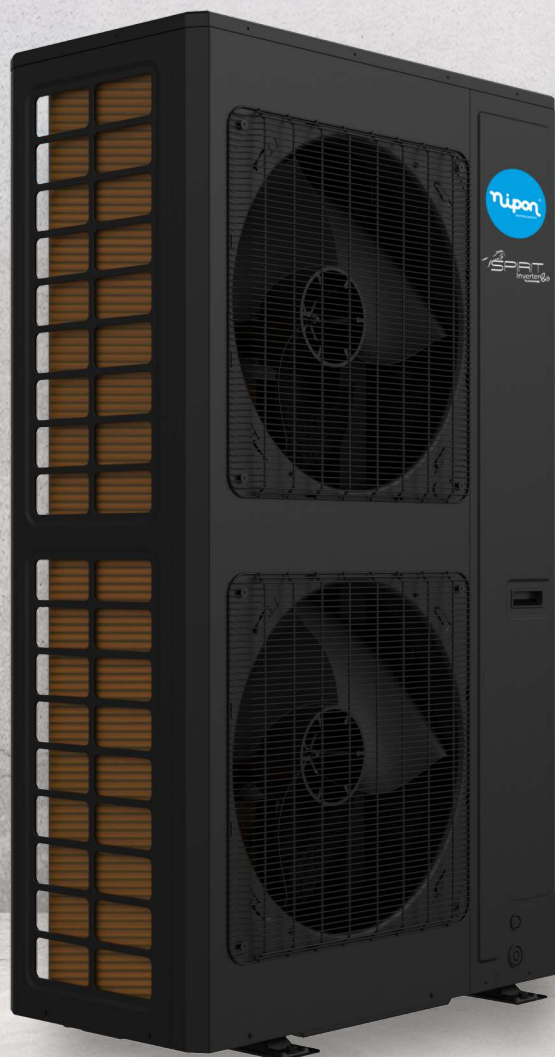
techforcomfort

NOVA

MONOBLOCK AIR-TO-WATER HEAT PUMP

SPIRIT MG

SPIRIT
Inverter
Technology



5 ANOS GARANTIA
3 anos total
+ 2 anos nas peças

A+++

R32



* Energy efficiency class up to A+++ when heating to 35°C.

Available in the following power ratings

18kW a 30kW

www.nipon.pt

The Spirit MG is a high-efficiency monoblock unit available in power ratings from 18 to 30 kW, offering an advanced air-to-water air-conditioning solution that incorporates DC inverter technology to optimise energy consumption.

Energy efficiency class A+++
Operates in extreme temperatures

 **WATER OUTLET UP TO 65°C**
No mains power.






 **WI-FI CONTROL**

 **EASY INSTALLATION**

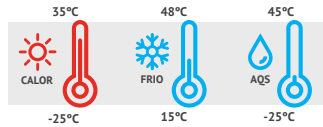
 **STATE-OF-THE-ART COMPONENTS**

- DC Inverter compressor
- Plate heat exchanger
- Electronic expansion valve

FIVE OPERATING MODES

-  COOLING
-  HEATING
-  HOT WATER
-  COOLING + HOT WATER
-  HEATING + HOT WATER

OPERATING TEMPERATURE RANGE



SERIAL COMMAND

Thanks to its backlit colour LCD touchscreen, all functions are easily accessible: mode selection, AQS priority, weekly programming, booster, emergency mode, silent mode, anti-freeze temperature, anti-Legionella, rapid hot water, floor drain, underfloor heating pre-heating, etc.



MONOBLOCO SPIRIT MG

		MG18	MG22	MG26	MG30	
Heating Power (7°C out/ 35°C water)	kW	18.0	22.0	26.0	30.0	
Heating power (7°C out/ 45°C water)	kW	18.0	22.0	26.0	30.0	
Cooling Power (35°C out/ 7°C water)	kW	17.5	21.0	26.0	30.0	
Cooling Power (35°C out/ 18°C water)	kW	18.5	23.0	27.0	31.0	
EER (35°C ext/ 7°C água)		3.10	3.00	2.80	2.60	
EER (35°C ext/ 18°C água)		4.80	4.70	4.40	4.10	
COP (7°C ext/ 35°C água)		4.80	4.50	4.35	4.35	
COP (7°C ext/ 45°C água)		3.60	3.50	3.40	3.40	
Energy Class (35°/ 55°/DHW)**		A+++/A++/A				
Power Supply	V/f/Hz	400V/ 3 / 50Hz				
Electric Current (Cooling)		5.43	7.09	8.67	10.0	
Electric Current (Heating)		5.58	7.09	8.9	11	
Recommended circuit breaker	A	25	25	32	32	
Power cable	mm ²	5x4	5x4	5x6	5x6	
Operating Temperature Range	Cooling	°C	-15~+48	-15~+48	-15~+48	-15~+48
	Heating	°C	-25~+35	-25~+35	-25~+35	-25~+35
	DHW	°C	-25~+45	-25~+45	-25~+45	-25~+45
DHW temperature	°C	+40~+80*	+40~+80*	+40~+80*	+40~+80*	
Sound Pressure	Cold	dB(A)	57	58	58	59
	Heat	dB(A)	56	57	57	58
Refrigerante		R32	R32	R32	R32	
R290 Refrigerant Charge	Kg	4.00	4.00	5.00	5.00	
Electronic expansion valve		✓	✓	✓	✓	
Equipment expansions (WxHxD)	mm	940x1615x460		1250x1804x460		
Packaging Dimensions (WxHxD)	mm	1073x1745x598		1320x1829x610		
Net/ Gross Weight	Kg	205/221		261/290		
Code		NI0514018	NI0514022	NI0514026	NI0514030	

*using only electrical resistance

**in accordance with EN 14825/EN 16147

The specifications described in this table may be subject to change without notice due to typographical errors or technical changes. The advertised warranty is only against manufacturing defects.