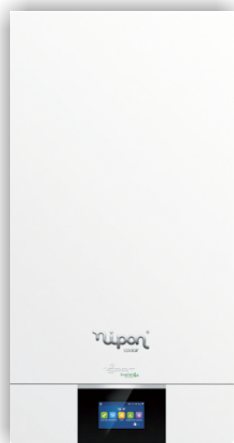


HEAT PUMPS

AIR/WATER SPLIT HEAT-PUMP SPIRIT S



The Spirit S has a power range between 6 and 16kW and is highly efficient for production of heated or cooled water for room climatization with radiant floor, radiators, fan coils and even DHW, when allied with a DHW tank.

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



* 3 years full warranty + 2 years warranty only parts

NOVO

SPLIT SPIRIT S HEAT-PUMP		S06 Gv3	S08 Gv3	S10 Gv3	S12 Gv3	S14 Gv3	S16 Gv3	S12 T Gv3	S14 T Gv3	S16 T Gv3	
Heating Power (7°C out/ 35°C water)		kW	6	8	9.5	12	14	15.5	12	14	15.5
Heating Power (7°C out/ 45°C water)		kW	5.9	8	9.5	12.4	14.5	16	12.4	14.5	16
Cooling Power (35°C out/ 7°C water)		kW	4.1	5.3	6.5	11	12.6	13	11	12.6	13
Cooling Power (35°C out/ 18°C water)		kW	5.8	7	8.5	10.59	11.07	11.5	10.59	11.07	11.51
EER (35°C out/ 7°C water)			3.4	3.06	2.86	2.79	2.65	2.57	2.79	2.65	2.57
EER (35°C out/ 18°C water)			4.4	4	3.79	4.4	3.7	3.6	4.4	3.7	3.6
COP (7°C out/ 35°C water)			5	4.71	4.59	5	4.7	4.5	5	4.7	4.5
COP (7°C out/ 45°C water)			3.91	3.74	3.6	3.77	3.68	3.62	3.77	3.68	3.62
Energy Class (35°/55°/DHW)			A+++/A++/A			A+++/A++/A			A+++/A++/A		
Electric Current Cooling		A	6.6	9.3	11.5	14.3	17.1	19.2	6	7.2	8
Electric Current Heating		A	5.3	7.5	9.8	10.9	14.9	15.7	4.6	6.3	6.6
Power Supply		A	11	15.5	19.2	23.8	28.5	32	10.9	13.1	14.5
Protection Circuit Breaker		A	16	16	32	32	40	40	16	16	16
Electric Power		V/f/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	400/3/50	400/3/50	400/3/50
Temperature Range	Cooling	°C	+10~+48	+10~+48	+10~+48	+10~+48	+10~+48	+10~+48	+10~+48	+10~+48	+10~+48
	Heating	°C	-25~+35	-25~+35	-25~+35	-25~+35	-25~+35	-25~+35	-25~+35	-25~+35	-25~+35
DHW Temperature		°C	+40~+80*	+40~+80*	+40~+80	+40~+80*	+40~+80*	+40~+80*	+40~+80*	+40~+80*	+40~+80*
Connectios Diameter	Liquid	poL	1/2	1/2	1/2	5/8	5/8	5/8	5/8	5/8	5/8
	Gás	poL	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
Pre-Load Length		m	5	5	5	5	5	5	5	5	5
Total Max. Length		m	20	25	25	15	15	15	15	15	15
Max. Height Difference		m	15	15	15	15	15	15	15	15	15
Ligações Hidráulicas		poL(DN)	1"(25)	1"(25)	1"(25)	1"(25)	1"(25)	1"(25)	1"(25)	1"(25)	1"(25)
Refrigerant			R32	R32	R32	R32	R32	R32	R32	R32	R32
Indoor unit	Eletric heater	kW	1.5 + 1.5	3 + 3	3 + 3	3 + 3	3 + 3	3 + 3	3 + 3	3 + 3	3 + 3
	Sound Pressure	dB(A)	31	31	31	29	29	29	29	29	29
	Dimensions (WxDxH)	mm	460x860x318	460x860x318	460x860x318	460x860x318	460x860x318	460x860x318	460x860x318	460x860x318	460x860x318
	Package Dimensions (WxDxH)	mm	568x390x1133	568x390x1133	568x390x1133	568x390x1133	568x390x1133	568x390x1133	568x390x1133	568x390x1133	568x390x1133
Unit's Weight		Kg	50/52	50/52	50/52	59.5/68.5	59.5/68.5	59.5/68.5	59.5/68.5	59.5/68.5	59.5/68.5
Unidade Exterior	Air Flow	m³/h	3200	3512	3512	2969	2969	2969	2969	2969	2969
	Sound Pressure	dB(A)	50	54	54	58	59	60	58	59	60
	Refrigerant Gas Load	Kg	1	1.6	1.6	1.84	1.84	1.84	1.84	1.84	1.84
	Additional Gas Load	g/m	16	16	16	40	40	40	40	40	40
Outdoor unit	Dimensions (WxDxH)	mm	940x820x460	980x788x427	980x788x427	940x820x460	940x820x460	940x820x460	940x820x460	940x820x460	940x820x460
	Package Dimensions (WxDxH)	mm	1103x973x573	1097x862x477	1097x862x477	1103x973x573	1103x973x573	1103x973x573	1103x973x573	1103x973x573	1103x973x573
	Net Weight/Gross Weight	Kg	53/57	85/87	85/87	104/114	104/114	104/114	110/114	110/114	110/114
Code			NI0525106	NI00525108	NI0525110	NI0525112	NI00525114	NI0525116	NI0525312	NI00525314	NI0525316

Desempenho referido às seguintes condições:

* apenas com apoio da resistência elétrica.

(1) Aquecimento: temperatura do ar exterior 7°C / água 45°C.

(2) Arrefecimento: temperatura do ar exterior 35°C / água 7°C