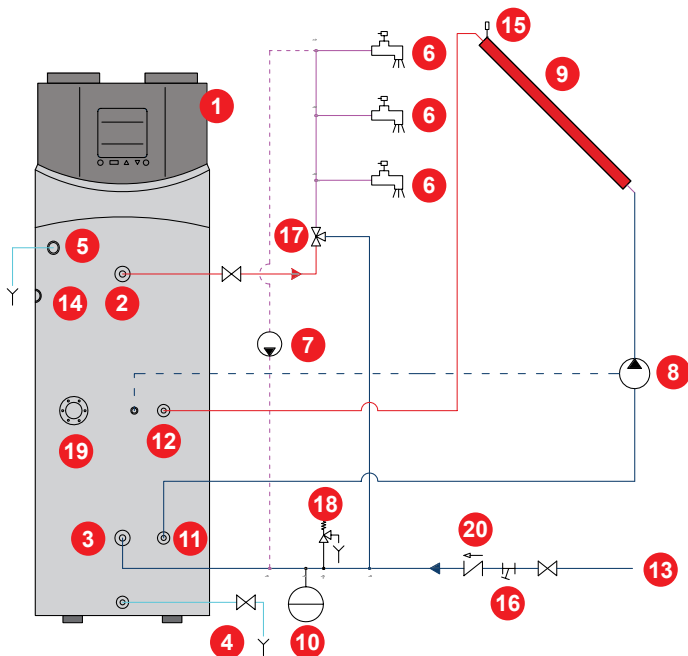


GREEN 500 S

Water heaters heat pump mono bloc with sanitary storage with additional exchangers



Model	Code	€
GREEN 500 S	37030500	6.700,00

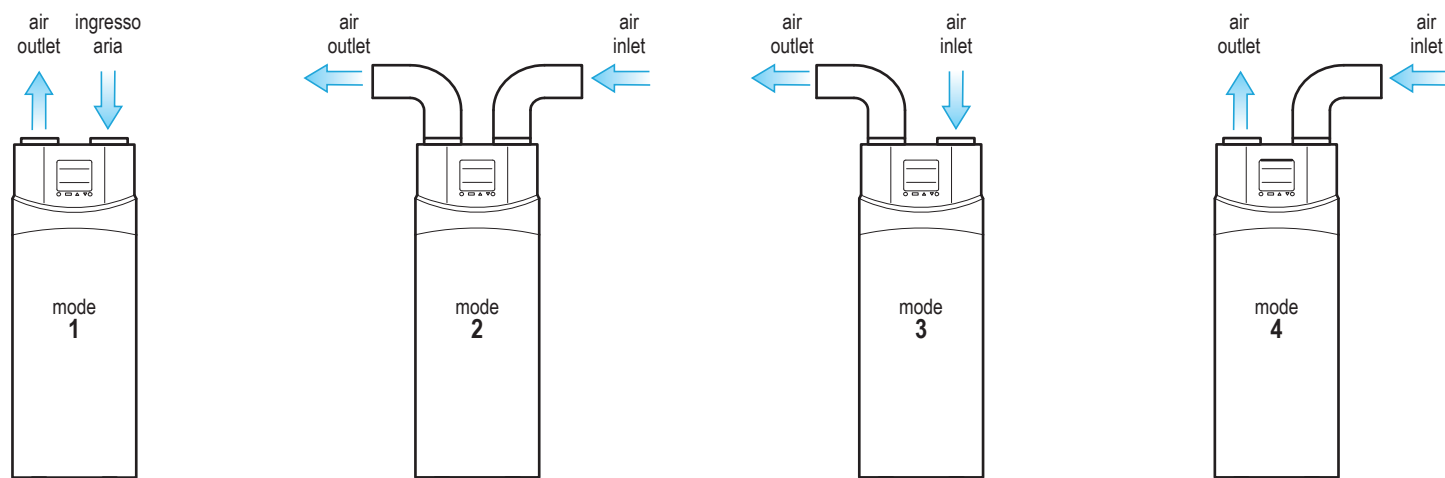


- 1 Compressor / evaporator unit
- 2 Domestic hot water outlet
- 3 Domestic cold water inlet
- 4 Tank drain cock
- 5 Condensate drain
- 6 DHW users
- 7 Sanitary recirculation pump
- 8 Solar thermal circuit pump
- 9 Thermal solar collector
- 10 DHW expansion tank
- 11 Thermal solar system delivery
- 12 Thermal solar system return
- 13 Water network
- 14 Sacrificial anode
- 15 Air vent jolly valve
- 16 Mechanical filter
- 17 Sanitary mixing valve
- 18 Safety valve
- 19 Integrative electrical resistance
- 20 Non-return valve

GREEN 500 S

Water heaters heat pump mono bloc with sanitary storage with additional exchangers

Installation methods GREEN 500 S



Technical data table water heaters heat pumps GREEN 500 S

Model	U.M.	GREEN 500 S
Storage tank volume	l	500
Storage tank material		Acciaio INOX
Insulation material		Polyurethane
Insulation thickness	mm	50
Max accumulation working pressure	bar	10
Solar exchanger surface	m ²	1,0
Power supply		220V/1/50Hz
Rated compressor power	W	3800
Rated electrical absorption	W	945
Integrative electrical resistance	W	1600
Max current (heat pump + resistance)	A	13
COP *	W/W	4,02
COP DHW **	W/W	2,69
Energy efficiency class		A
Sound pressure ***	dB(A)	45
Refrigerant gas		R134A
Quantity of refrigerant gas	kg	0,45
Degree of protection		IPX1
DHW hydraulic connections		1"
Solar exchanger hydraulic connections		3/4"
Magnesium anode connection		3/4"
DHW temperature regulation range	°C	10 / 70
Maximum DHW temperature with heat pump	°C	60
Nominal DHW production capacity	l/h	85
Operating range	°C	-5 / +45
Nominal evaporator air flow without ducting	m ³ /h	400
Nominal evaporator air flow with ducting	m ³ /h	350
Ducting connection diameter	mm	177
Max canalization length	m	6
D / H dimensions	mm	Ø 700 / 2230
Empty weight	kg	135

* Air intake 20 °C b.s. (15 °C b.u.) - Water inlet 15 °C / outlet 55 °C;

** Test according to EN 16147, Air 7 °C

*** Measured in free field conditions 2 meters away