

WHITE 80

Monobloc heat pump water heater



ECOLOGICAL
GAS



CYCLE
ANTILEGIONELLA



TECHNOLOGY
DUPLEX

Technical and construction characteristics

The WHITE 80 monobloc heat pump water heater is designed to be installed in the kitchen, like a traditional boiler, the "Ducted Kitchen" series is positioned comfortably inside the kitchen column furniture, with air expulsion outside .

The tank is made of Duplex, an extremely strong and corrosion-resistant variety of stainless steel.

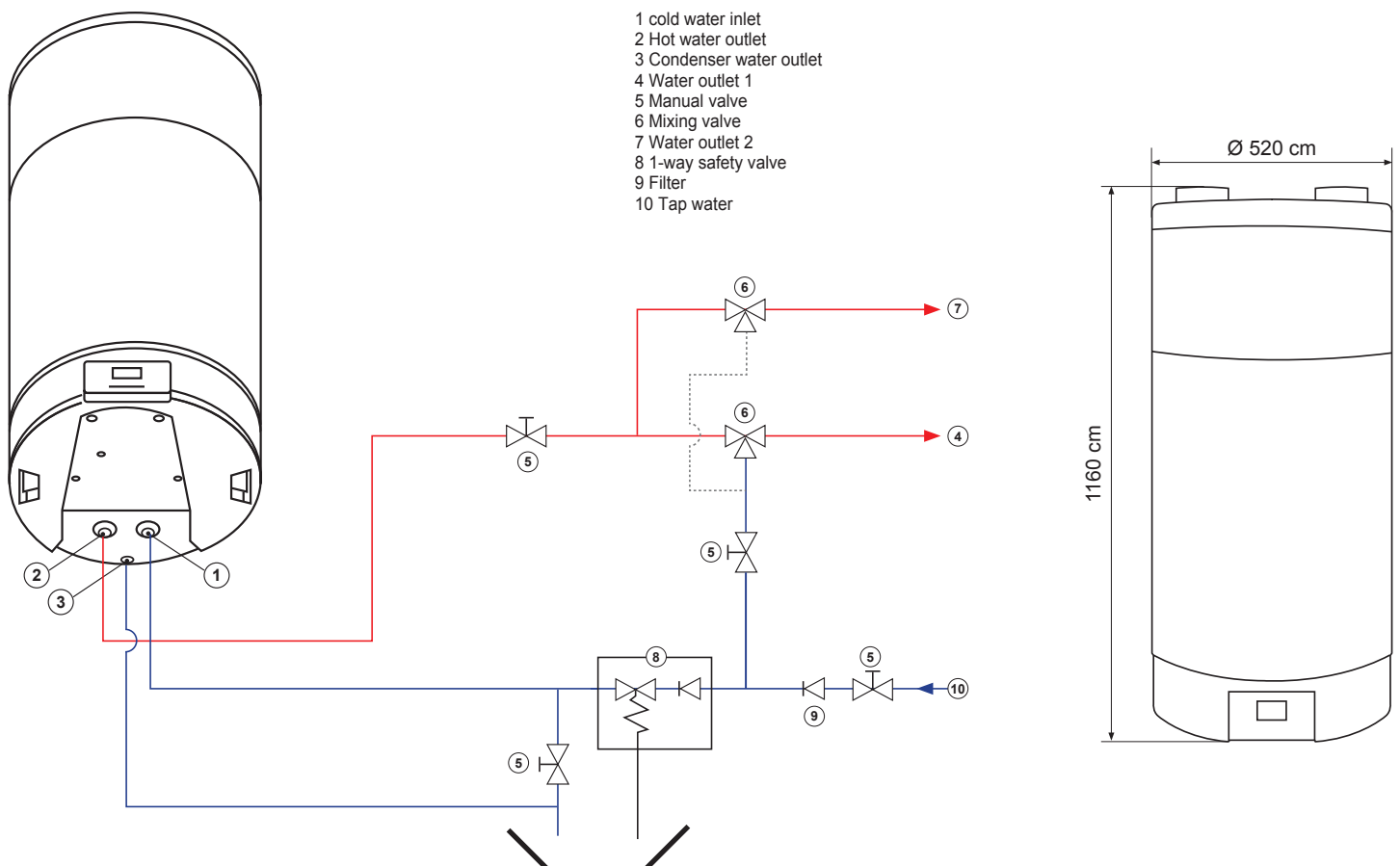
Anti-legionella system: the danger of legionella bacteria is averted thanks to periodic cycles that raise the temperature of the water inside the accumulation above 65° C.

INSTALLATION WARNINGS

- 1 It is mandatory to install a safety and non-return valve, on the cold water inlet. Otherwise, the equipment could be seriously damaged.
Use a valve with 0.7 MPa setting.
For the installation location, refer to the piping connection diagram.
- 2 The safety valve drain hose must go down vertically and must not be placed in a risky environment of freezing.
- 3 The water must be able to drip freely from the hose and its terminal part must be left free.
4. The safety valve must be tested regularly for check its operation and remove any limescale that could block

Model	Code	€
WHITE 80	38010112	2.230,00

Diagram of hydraulic connections and dimensions WHITE 80



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Technical data table for heat pump water heaters WHITE 80

DESCRIPTION	U.M.	WHITE 80
Tank volume	l	80
Solar integration coil (INOX)	m ²	not present
Nominal heat output (1)	W	1050
Nominal electrical absorption (1)	W	250
Nominal DHW production capacity (1)	l/h	20
COP nominal (1)	W/W	4,2
COP DHW (2)	W/W	3,04
Test cycle profile (2)		M
Warm-up time (2)	hh:mm	03:42
Hot water volume at 40 °C (2)	l	116
Energy efficiency class (3)		A++
Degree of protection		IPX1
Hot water temperature adjustment range	°C	38÷70 (50 default)
Maximum hot water temperature compressor only	°C	60
Electrical data	Power-supply	230V/1/50Hz
	Integrative electrical resistance	W
	Max current including resistor	A
Circuit data refrigerator	Refrigerant (4)	Tipo (GWP)
	Quantity	Kg
	Tons of CO2 equivalent	t
	Compressor	Tipo
Product specifications	Net weight	Kg
	Sound power	dB(A)
	Sound pressure	dB(A)
Tank	Tank material	Steel Duplex
	DHW connections	G1/2" (DN15)
	Solar coil connections	-
	Type of anode	not present
	Max working pressure	bar
Suctioned air	Field of work	°C
	Air flow (with ducting)	m ³ /h
	Fan prevalence	Pa
	Diameter - air ducting	mm
	Max length - air ducting	m

(1) Conditions: Intake air 20°C DB (15°C WB), water inlet 15°C / outlet 55°C.

(2) Test according to EN16147; air 20 °C.

(3) Directive 2009/125/EC - ERP EU n. 814/2013.

(4) Refrigerant loss contributes to climate change. If released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP.

This appliance contains a refrigerant fluid with a GWP of 1430.

If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 1430 times higher than 1 kg of CO₂, over a period of 100 years. Under no circumstances should the user try to intervene on the refrigerant circuit or to disassemble the product.

If necessary, always contact qualified personnel.