

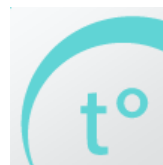


## GCV7/4S2 (L) 1204420 B11 TSRP

BiLight vertical models with two heat exchangers



Heat exchanger with integrated TURBOLATOR



Adjustable thermostat



High efficient thermo-insulation



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#### Main information

**Serpentine:** Economical, effective and reliable hot-water heating system designed for connecting to central heating or other similar type of local heating installation with closed type cycle of heating

**Thermosensor pocket:** The pocket allows the thermo sensor to collect information about the exact water temperature at the lowest end of the serpentine and ensuring maximum precise control over the heat exchanger operation. With proper installation the system will gain maximum efficiency with minimum risk of over-heating.

**Glass ceramic protection:** TESI water heaters are made using super modern technology for glass ceramic coating of the internal surface of the water tank. Glass ceramic coating assured reliable protection against corrosion and guarantees long useful life of the water heaters.

**Magnesium anode:** A larger magnesium anode with 50% longer useful life. It can be easily dismantled and replaced.

**Flange:** Flange allowing free access to the electric group of the water heater so that the anode and the heating element can be easily replaced.

**Moisture proof switch:** TESI water heaters are equipped with a moisture-proof switch and a reliable electric system guaranteed by European safety certificates.

**CFC-free insulation:** Highly efficient thermo-insulation from high density CFC-free polyurethane foam, which guarantees minimum heat loss and energy-saving operation.

**Adjustable thermostat:** Adjustable thermostat with temperature setting option: ANTIFREEZE protection, SUMMER mode, WINTER mode, ANTIBACTERIAL mode



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Technical characteristics	
Volume [L]	114 L
Protection of the tank	Glass ceramic
Rated voltage [V/Hz]	230-50 V/Hz
Rated power [W]	2000 W
Rated pressure of the water tank	0.8 MPa
Rated pressure of the heat exchanger [bar]	0.6 MPa
Insulation [mm]	18 mm
Heat exchanger Inlet/outlet connections size	3/4"
Heating time from 15°C to 65°C	3h 11 min
Heat exchanger surface S1 [m <sup>2</sup> ]	0.5 l
Heat exchanger surface S2 [m <sup>2</sup> ]	0.3 l
Heat exchanger capacity S1 [ l ]	2.51 l
Heat exchanger capacity S2 [ l ]	1.52 l
Exchange power in continuous mode ( max. coil output ) S1 *60-80°C [kW]	13.3 kW
Exchange power in continuous mode ( max. coil output ) S2 *60-80°C [kW]	8.1 kW
Continuous flow rate of DHW at ΔT35°C (S1) *60-80°C	330 l/h
Continuous flow rate of DHW at ΔT35°C (S2) *60-80°C	201 l/h
PISTON effect: maximum quantity of drawn off water MIX 40°C (*15-60°C), power input cut off (S1) [l]	121 l
PISTON effect: maximum quantity of drawn off water MIX 40°C (*15-60°C), power input cut off (S2) [l]	110 l
NL factor S1	<1



## **GCV7/4S2 (L) 1204420 B11 TSRP**

### **BiLight vertical models with two heat exchangers**

NL factor S2	<1
Minimum time of heating S1 *80°C-**15/60°C	38 min
Minimum time of heating S2 *80°C-**15/60°C	54 min
Maximum operational temperature	85 T°C
Switch On / Off	Yes
Adjustable thermostat	Yes
Magnesium anode	Yes
Anode tester	No
Safety valve	Yes
Thermosensor pocket	1 pc.
Dimensions H /W / D [m]	1.140 x 0.480 x 0.490 m
Net weight [kg]	39.5 kg
Installation	Vertical
* outlet - inlet temperature of the heat transfer fluid	!
TURBOLATOR	Yes
Warranty (full)	n/a
Energy class	D
Static losses	90