

# BVE-WS 200 TO 500

*Single heat exchanger*

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The BVE-WS series tanks are mainly used for the composition of a ISWH's set. The solar pump and the expansion tank are mounted directly on the storage tank in the factory. All that remains to be done is to connect the collectors, hot and cold water to the storage tank, which makes installation easier. The tank and heat exchanger are made of enamelled steel. These tanks are to be placed on the ground.



# Description

- Enamelled steel sanitary hot water storage tank \*, equipped with one heat exchanger
- Tank enamelling inside treatment according to DIN 4753-3 and UNI 10025 Protection by magnesium anode
- Rigid PU insulation 50 mm thick, zipped PVC cover finish
- Optional electric back-up on 1 1/2" connection at mid-height
- External casing classified as standard M1 fire
- 5 years warranty, electric part 2 years warranty

\* Sanitary water meeting the French standard according to decree N° 89-3 of 03/01/89

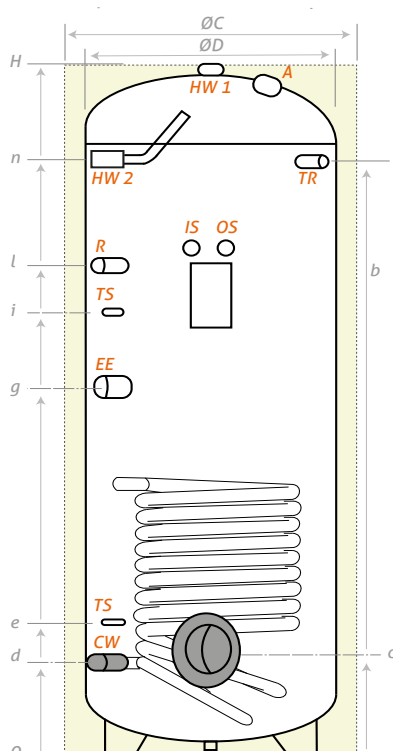
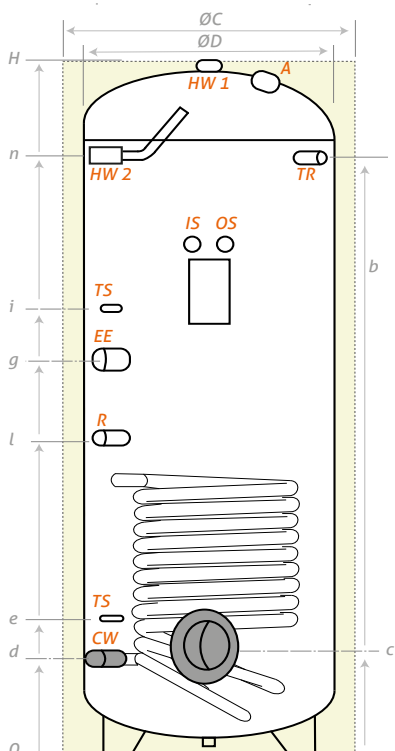


## BVE-WS 200 to 500 liters

|   | Model | 200 L            | 300 L            | 500 L            |
|---|-------|------------------|------------------|------------------|
| <b>Reference</b>                                |       | <b>BVE0200WS</b> | <b>BVE0300WS</b> | <b>BVE0500WS</b> |
| Total capacity (liters)                         |       | 196              | 273              | 475              |
| Weight empty (kg)                               |       | 80               | 100              | 132              |
| Rigid PU insulation (mm)                        |       |                  | 50               |                  |
| Heat exchanger surface (m <sup>2</sup> )        |       | 1.0              | 1.1              | 1.8              |
| Heat exchanger volume (L)                       |       | 5.8              | 7.8              | 10.7             |
| Heat exchanger power (kW)                       |       | 24.0             | 26.0             | 45.0             |
| Rate of flow heat exchanger (m <sup>3</sup> /h) |       | 1.0              | 1.1              | 1.9              |
| Pressure loss (mbar)                            |       | 16               | 19               | 56               |
| Energy efficiency class                         |       |                  | C                |                  |
| Maximum working-temperature (°C)                |       |                  | 95               |                  |
| Max tank operating pressure (bar)               |       |                  | 10               |                  |
| Max working heat exchanger pressure (bar)       |       |                  | 10               |                  |
| Outlets for temperature probes                  |       |                  | 3                |                  |

Model : 200 liters

Models : 300 and 500 liters



| Model | ØC  | ØD  | H    | b    | c   | d   | e   | g   | i    | l    | n    |
|-------|-----|-----|------|------|-----|-----|-----|-----|------|------|------|
| 200   | 600 | 500 | 1215 | 1070 | 295 | 220 | 310 | 705 | 915  | 585  | 1070 |
| 300   | 600 | 500 | 1615 | 1390 | 330 | 220 | 310 | 860 | 1035 | 1145 | 1390 |
| 500   | 750 | 650 | 1705 | 1415 | 410 | 265 | 355 | 895 | 1060 | 1170 | 1415 |

Dimensions (mm)

|     | Outlet/Inlet tube  | Model  |
|-----|--------------------|--------|
| CW  | Cold water inlet   | 1"     |
| HW1 | Hot water outlet   | 1" 1/4 |
| HW2 | Hot water outlet   | 1"     |
| IS  | Pump unit inlet    | 3/4" M |
| OS  | Pump unit outlet   | 3/4" M |
| TS  | Temperature probes | Ø10    |
| A   | Anode              | 1" 1/4 |
| R   | Recirculation      | 3/4"   |
| EE  | Electric element   | 1" 1/2 |
| TR  | Temperature probes | 1/2"   |

**Storage tank 5 years warranty**

## Certifications

Tank enamelling inside treatment according to DIN 4753-3 and UNI 10025  
Made in European Union



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