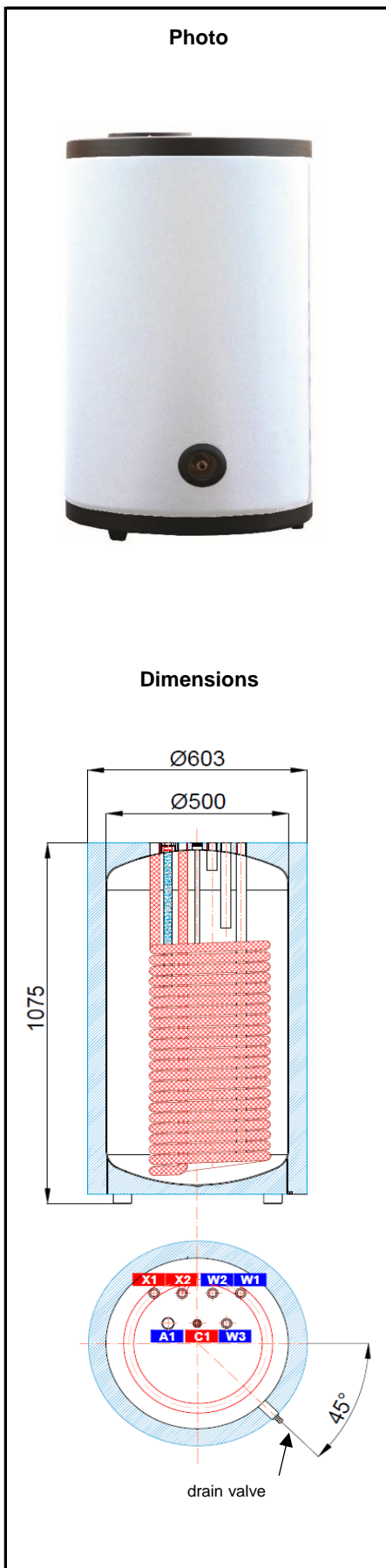


## NBC 170 HP Hot Water Storage Tank



| Main Features |   |
|---------------|---|
| Application   | heating of domestic hot water   |
| Description   | stainless-steel hot water storage tank with upward outlets, integrated inner heat exchanger and drain valve |
| Working fluid | water (tank); water, water-glycol mixture (max. 1:1) or water - glycerine mixture (max. 2:1) (HE)           |
| <b>Code</b>   | <b>17615</b>  |

| Energy Efficiency Data (as per EC Regulation No. 812/2013) |                   |
|--|-------------------|
|  | <b>NBC 170 HP</b> |
| Energy efficiency class                                    | <b>B</b>          |
| Standing loss  | <b>42 W</b>       |
| Storage volume   | <b>162 l</b>      |

| Technical Data                     |                  |
|------------------------------------|------------------|
| Total tank volume                  | 171 l            |
| Fluid volume in tank               | 162 l            |
| Fluid volume in heat exchanger     | 9 l              |
| Heat exchanger surface area        | 2 m <sup>2</sup> |
| Max. temperature in tank           | 95°C             |
| Max. temperature in heat exchanger | 95°C             |
| Max. pressure in tank              | 7 bar            |
| Max. pressure in heat exchanger    | 15 bar           |

| Materials                |                             |
|--------------------------|-----------------------------|
| Tank material            | stainless steel AISI 316L   |
| Heat exchanger material  | stainless steel AISI 304    |
| Insulation material      | EPU (expanded polyurethane) |
| Insulation outer surface | polyurethane (PU)           |

| Dimensions, tipping height |         |
|----------------------------|---------|
| Tank diam.                 | 500 mm  |
| Tank diam. with insulation | 603 mm  |
| Total tank height          | 1075 mm |
| Tipping height             | 1233 mm |
| Empty weight               | 42 kg   |

| Tappings                    |                       |             |             |
|-----------------------------|-----------------------|-------------|-------------|
| pos.                        | description           | connections | height [mm] |
| <b>DHW heating</b>          |                       |             |             |
| <b>W1</b>                   | cold water            | G 3/4" F    | 1060        |
| <b>W2</b>                   | hot water             | G 3/4" F    | 1060        |
| <b>W3</b>                   | recirculation         | G 3/4" F    | 1060        |
| <b>Heat source</b>          |                       |             |             |
| <b>X1</b>                   | flow from heat source | G 3/4" F    | 1060        |
| <b>X2</b>                   | return to heat source | G 3/4" F    | 1060        |
| <b>Control &amp; Safety</b> |                       |             |             |
| <b>C1</b>                   | sheath                | G 1/2" F    | 1060        |
| <b>Magnesium anode rod</b>  |                       |             |             |
| <b>A1</b>                   | magnesium anode rod   | G 3/4" F    | 1060        |