# Fixed Exchangers
# Water Heaters
# SMART UP




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# Water heater with fixed heat exchanger
# SMART UP

SMART UP is the fixed-coil water heater with a compact design, specifically created for under-boiler installation. Thanks to its dimensions, it easily fits into narrow niches, as all hydraulic connections are located on the top, offering convenient access during installation. The use of efficient rigid polyurethane foam insulation ensures long-term water temperature retention and economical operation. The porcelain-glass-coated boiler body provides accurate protection of the internal surface, while the replaceable magnesium anode offers additional corrosion protection. The external casing is made of white-painted metal sheet.




TESTED

**Material:** S 235 JR carbon steel
**Treatment for internal protection:** glass lining

## Insulation

| Capacity (l) | Type |
|---|---|
| from 100 to 200 | Highly rigid polyurethane foam |

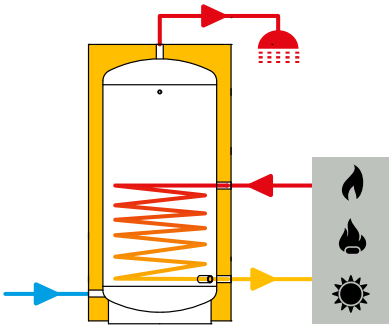
## Operational limits

| Storage | | Primary circuit | |
|---|---|---|---|
| max. temperature | max. pressure | max. temperature | max. pressure |
| 95°C | 6 bar | 110°C | 12 bar |

**Supplied accessories:** Sacrificial Magnesium Anode and Thermometer.

**Standard accessories:** see page 294

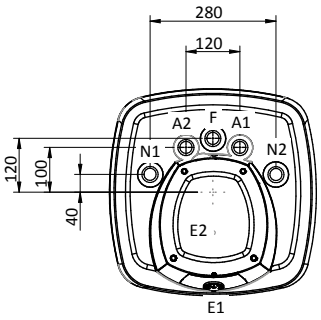
**Special executions:** see page 296

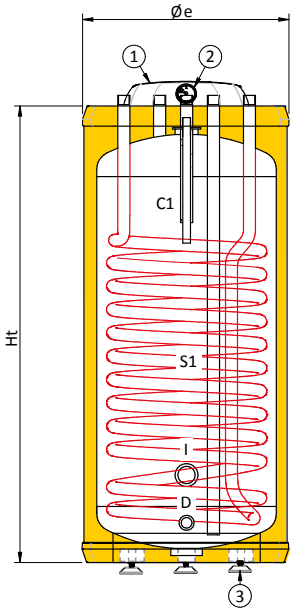


| Capacity l | Code | Price | Energy label | Net weight kg |
|---|---|---|---|---|
| 100 | 819060192X | | C | 57 |
| 120 | 819060193X | | C | 62 |
| 140 | 819060190X | | C | 67 |
| 200 | 819060191X | | C | 85 |

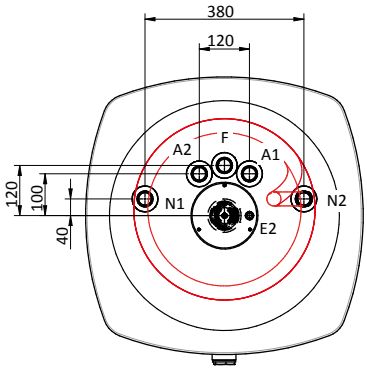
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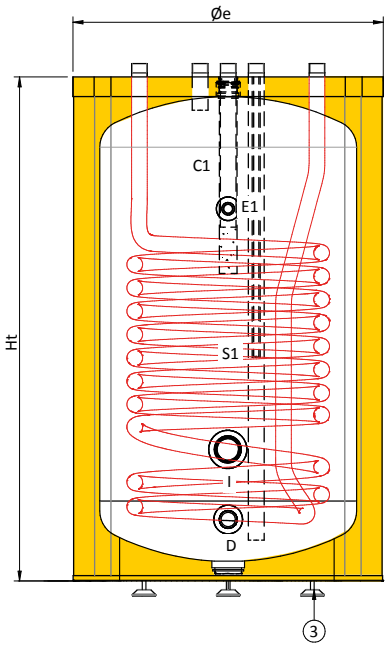
**100 ≤ cap. ≤ 140**




**cap. = 200**




**Couplings legend**

| | |
|---|---|
| **A1** | DHW inlet |
| **A2** | DHW outlet |
| **C1** | Anode |
| **D** | Drain |
| **E1** | Thermometer |
| **E2** | Probe |
| **F** | Recirculation |
| **I** | Electrical resistor |
| **N1** | Exchanger outlet |
| **N2** | Exchanger inlet |
| **S1** | Exchanger |
| **1** | Flange Cover Cap |
| **2** | Thermometer |
| **3** | Adjustable feet |

**Couplings chart**

| Cap. l | A1 inches | A2 inches | C1 inches | D inches | E1 inches | E2 inches | F inches | I inches | N1 inches | N2 inches |
|---|---|---|---|---|---|---|---|---|---|---|
| 100 | 3/4" | 3/4" | 1"1/4 | 3/4" | 3/8" | 3/8" | 3/4" | 1"1/4 | 3/4" | 3/4" |
| 120 | 3/4" | 3/4" | 1"1/4 | 3/4" | 3/8" | 3/8" | 3/4" | 1"1/4 | 3/4" | 3/4" |
| 140 | 3/4" | 3/4" | 1"1/4 | 3/4" | 3/8" | 3/8" | 3/4" | 1"1/4 | 3/4" | 3/4" |
| 200 | 1" | 1" | 1"1/4 | 1" | 1/2" | 3/8" | 1" | 1"1/2 | 1" | 1" |

**Size chart**

| Cap. l | Øe mm | Ht mm | D mm | I mm | S1 m² |
|---|---|---|---|---|---|
| 200 | 455 | 1030 | 90 | 195 | 1,2 |
| 300 | 455 | 1130 | 90 | 195 | 1,2 |
| 500 | 455 | 1280 | 90 | 195 | 1,2 |
| 750 | 650 | 1130 | 130 | 280 | 1,6 |



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