



- Enamelled DHW tank, ideal to be matched with Beretta wall-hung boilers R.A.I./R.S.I. ('only heating' models).
- Supplied with high thermal-exchange coil.
- Wide range to meet all DHW needs.
- Magnesium anode supplied as standard.
- Double magnesium anode supplied as standard on BV 1000 model.

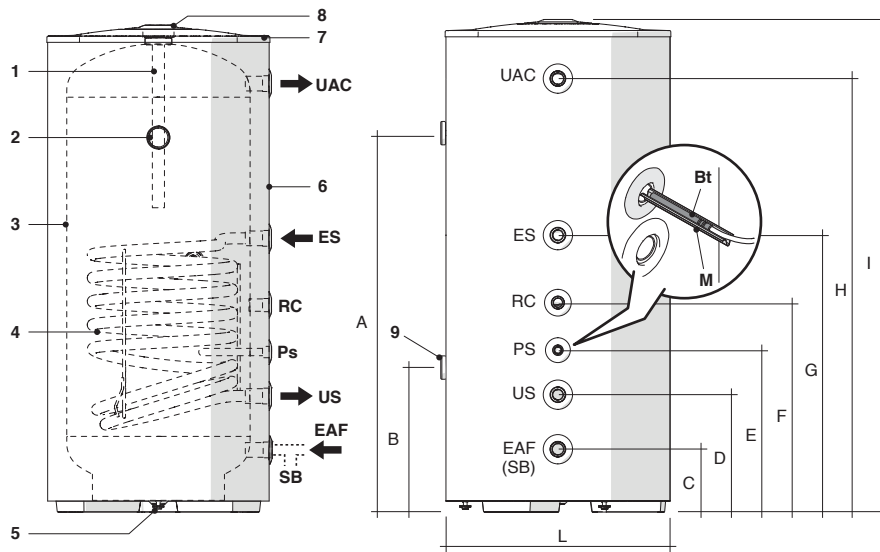
Single coil DHW tank



| CODE | MODEL | DIMENSIONS H x Ø (mm) | DHW TANK CAPACITY (litres) | HEAT LOSS (W) | ENERGY CLASS |
|----------|--------------|-----------------------------|----------------------------------|---------------------|------------------|
| 20101895 | IDRA BV 200 | 1330x605 | 210 | 58 | |
| 20101897 | IDRA BV 300 | 1830x605 | 304 | 68 | |
| 20101899 | IDRA BV 430 | 1630x755 | 444 | 73 | |
| 20101900 | IDRA BV 550 | 1980x755 | 556 | 84 | |
| 20101901 | IDRA BV 800 | 1835x1000 | 735 | 93 | |
| 20101902 | IDRA BV 1000 | 2165x1000 | 890 | 98 | |

Accessories

| CODE | DESCRIPTION | CODE | DESCRIPTION |
|----------|-----------------------------------|---------|--------------------------------|
| 1220599 | Socket probe for DHW tank | 4383052 | DHW expansion vessel 18 litres |
| 1150529 | ¾" Mixing valve | 4383053 | DHW expansion vessel 24 litres |
| 20001492 | 1" Mixing valve (with ¾" adapter) | 4383054 | DHW expansion vessel 35 litres |



STRUCTURE

DESCRIPTION

| | |
|----|--|
| 1 | Magnesium anode |
| 2 | Thermometer |
| 3 | Heater |
| 4 | Coil |
| 5 | Adjustable foot |
| 6 | Insulation |
| 7 | Cover |
| 8 | Cap for anode inspection and handling |
| 9 | Cap for second anode inspection |
| Lt | Heater or PROBE heater THERMOSTAT BULB |
| M | Spring |

DIMENSIONS AND CONNECTIONS

| DESCRIPTION | IDRA BV 200 | IDRA BV 300 | IDRA BV 430 | IDRA BV 550 | IDRA BV 800 | IDRA BV 1000 | U.O.M. |
|---|-------------|-------------|-------------|-------------|-------------|--------------|--------|
| UAC - Domestic hot water outlet | 1"F | | 1"1/4M | | ∅ | | |
| ES - Exchanger inlet | 1"F | 1"1/4F | | ∅ | | | |
| RC - Domestic water recirculation | 3/4"F | | 1"M | | ∅ | | |
| US - Exchanger outlet | 1"F | 1"1/4F | | ∅ | | | |
| CWI (HD) - Domestic cold water inlet (heater drain) | 1"F | | 1"1/4M | | ∅ | | |
| Ps - Probe pocket | 16/175 | | ∅/L | | | | |

| | IDRA BV 200 | IDRA BV 300 | IDRA BV 430 | IDRA BV 550 | IDRA BV 800 | IDRA BV 1000 | U.O.M. |
|---|-------------|-------------|-------------|-------------|-------------|--------------|--------|
| A | 1025 | 1495 | 1305 | 1645 | 1470 | 1695 | mm |
| B | - | | | | | 550 | mm |
| C | 170 | 170 | 205 | 205 | 75 | 75 | mm |
| D | 315 | 315 | 405 | 405 | 355 | 355 | mm |
| E | 435 | 435 | 555 | 555 | 600 | 600 | mm |
| F | 565 | 805 | 780 | 780 | 825 | 910 | mm |
| G | 745 | 965 | 1005 | 1005 | 1125 | 1125 | mm |
| H | 1170 | 1670 | 1440 | 1785 | 1705 | 2030 | mm |
| I | 1335 | 1835 | 1645 | 1990 | 1835 | 2165 | mm |
| L | 605 | 605 | 755 | 755 | 1000 | 1000 | mm |

| DESCRIPTION | IDRA BV 200 | IDRA BV 300 | IDRA BV 430 | IDRA BV 550 | IDRA BV 800 | IDRA BV 1000 | U.O.M. |
|---|-------------|-------------|-------------|-------------|-------------|--------------|----------------|
| Heater type | Glazed | | | | | | |
| Heater layout | Vertical | | | | | | |
| Exchanger layout | Vertical | | | | | | |
| Heater capacity | 210 | 304 | 444 | 556 | 735 | 890 | l |
| Diameter/length of first magnesium anode | 26/500 | | 33/450 | | 33/520 | 33/450 | mm |
| Diameter/length of second magnesium anode | - | | | | | 33/330 | mm |
| Diameter/length of probe holder pockets | 16/175 | | ∅ mm | | | | |
| Maximum power absorbed | | | | | | | |
| Primary circuit at 80-70°C | 24 | 34 | 52 | 52 | 71 | 71 | kW |
| Primary circuit at 90-80°C | 33 | 43 | 66 | 66 | 94 | 94 | kW |
| Coil water content | 4.8 | 6.9 | 9.8 | | 16.3 | | l |
| Coil exchange surface | 0.78 | 1.13 | 1.49 | | 2.47 | | m ² |
| Production of domestic water (Δ T 35°C) | | | | | | | |
| Primary circuit at 80°C | 590 | 831 | 1260 | 1260 | 1700 | 1700 | l/h |
| Primary circuit at 90°C | 810 | 1070 | 1600 | 1600 | 2300 | 2300 | l/h |
| Maximum coil operating pressure | 10 | | | | | | bar |
| Specific output in 10 minutes | 35 | 50 | 66 | 75 | 100 | 135 | l/min |
| Heat dispersion | 58 | 68 | 73 | 84 | 93 | 98 | W |
| Maximum heater operating pressure | 10 | | | | 7 | | bar |
| Maximum operating temperature | 99 | | | | | | °C |
| Net weight with insulation | 68 | 91 | 121 | 142 | 182 | 207 | kg |
| Energy efficiency class | B | B | B | B | B | B | |