



| THERMOSIPHONIC
TANKS

TECHNICAL SPECIFICATIONS

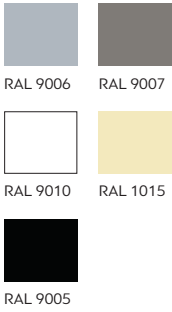
| | |
|--|---|
| Main Tank's Material | DC Sheet (EN 10130/2006) |
| Internal Anti-corrosion Protection | a) LIQUID enamel (DIN 4753-3), totally safe for public health (DIN 51032 & EN 1388-2) and b) magnesium anode (EN 12438) |
| Welding | MIG |
| Insulation | Hard polyurethane foam 48kg/m ³ (DIN 53420), self-extinguishing (DIN 4102) |
| Maximum Working Pressure for the Main Tank | 10 bar |
| Test pressure for the Main Tank | 15 bar (EN 12976-1, 4.1.6) |
| Maximum Working Pressure for the Jacket (exchanger) | 3,2 bar |
| Test Pressure for the Jacket (exchanger) | 5 bar (EN 12976-1/2006, 4.1.6) |
| Maximum Working Temperature of the Main Tank | 95°C |
| Heating Element | Optional, upon request |
| External Cover | Pre-painted galvanized steel sheet 0,5mm (EN 10204/2.2) |

| | ECO-F model | 120 lt | 150 lt | 200 lt | 250 lt | 300 lt |
|---|---------------------------|---------------|---------------|---------------|---------------|---------------|
| | Gross Capacity (lt) | 116 | 144 | 199 | 242 | 295 |
| A | Tank's Length (mm) | 1065 | 1285 | 1285 | 1551 | 1785 |
| B | External Diameter (mm) | Ø 500 | Ø 500 | Ø 580 | Ø 580 | Ø 580 |
| C | Main Tank's Diameter (mm) | Ø 400 | Ø 400 | Ø 480 | Ø 480 | Ø 480 |
| | Jacket's Capacity (lt) | 6 | 8 | 9 | 12 | 19 |
| D | Flange Diameter (mm) | Ø 140 | Ø 140 | Ø 140 | Ø 140 | Ø 140 |
| | Weight (kg) | 46 | 58 | 68 | 82 | 100 |

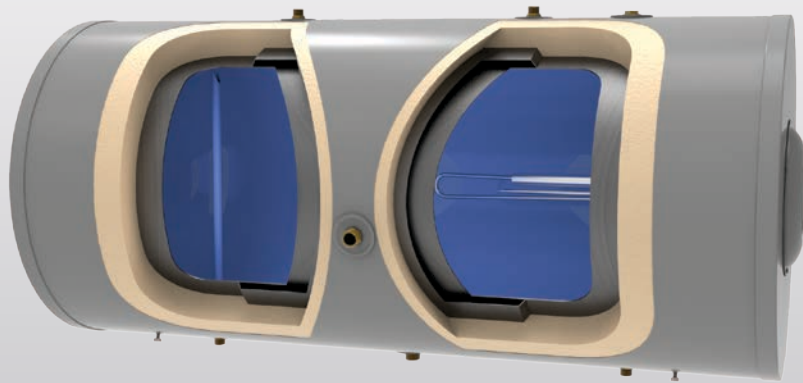
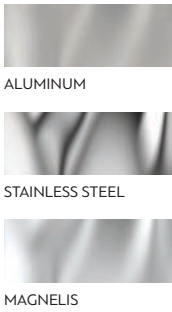




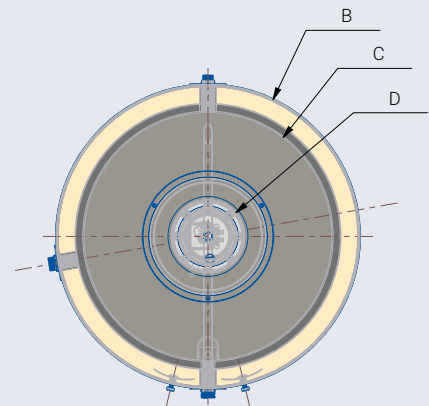
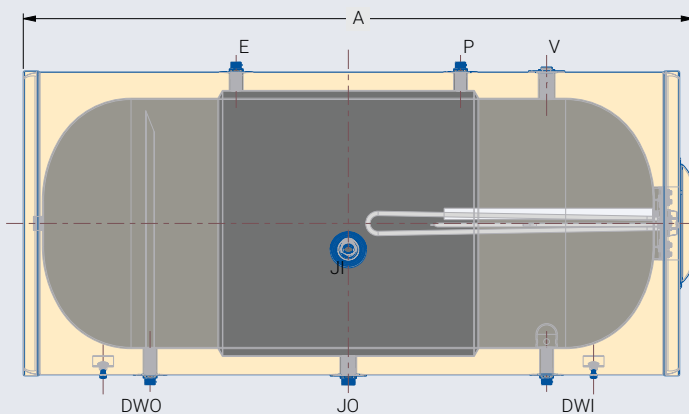
**AVAILABLE
IN DIFFERENT
COLOURS**
(PRE-PAINTED
GALVANIZED
STEEL SHEET)



**ALTERNATIVE
EXTERNAL
MATERIALS**



| | | | |
|------------|---|-----------|----------------------------------|
| E | Pressure valve position protecting closed circuit | | |
| P | Inlet to fill exchanger's solution and (optional) expansion vessel position | | |
| V | Pressure and temperature valve position protecting main tank | | |
| DWO | Domestic hot Water Outlet | JO | Closed circuit cold water outlet |
| DWI | Domestic cold Water Inlet | JI | Closed circuit hot water inlet |



ECO-SXF

Type



TECHNICAL SPECIFICATIONS

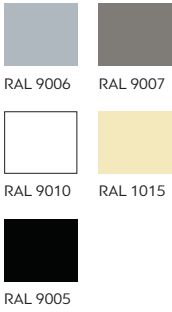
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|--|---|
| Main Tank's Material | DC Sheet (EN 10130/2006) |
| Internal Anti-corrosion Protection | a) LIQUID enamel (DIN 4753-3), totally safe for public health (DIN 51032 & EN 1388-2) and b) magnesium anode (EN 12438) |
| Welding | MIG |
| Insulation | Hard polyurethane foam 48kg/m ³ (DIN 53420), self-extinguishing (DIN 4102) |
| Maximum Working Pressure for the Main Tank | 10 bar |
| Test pressure for the Main Tank | 15 bar (EN 12976-1, 4.1.6) |
| Maximum Working Pressure for the Jacket (exchanger) | 3,2 bar |
| Test Pressure for the Jacket (exchanger) | 5 bar (EN 12976-1/2006, 4.1.6) |
| Maximum Working Temperature of the Main Tank | 95°C |
| Heating Element | Optional, upon request |
| External Cover | Pre-painted galvanized steel sheet 0,5mm (EN 10204/2.2) |

| | ECO-SXF model | 120 lt | 150 lt | 200 lt | 300 lt | 500 lt |
|---|---------------------------|---------------|---------------|---------------|---------------|---------------|
| | Gross Capacity (lt) | 116 | 144 | 199 | 295 | 502 |
| A | Tank's Length (mm) | 1058 | 1330 | 1330 | 1805 | 1737 |
| B | External Diameter (mm) | Ø 500 | Ø 500 | Ø 580 | Ø 580 | Ø 750 |
| C | Main Tank's Diameter (mm) | Ø 400 | Ø 400 | Ø 480 | Ø 480 | Ø 640 |
| | Jacket's Capacity (lt) | 6 | 8 | 9 | 19 | 24 |
| D | Flange Diameter (mm) | Ø 140 | Ø 140 | Ø 140 | Ø 140 | Ø 140 |
| | Weight (kg) | 48 | 60 | 70 | 102 | 132 |

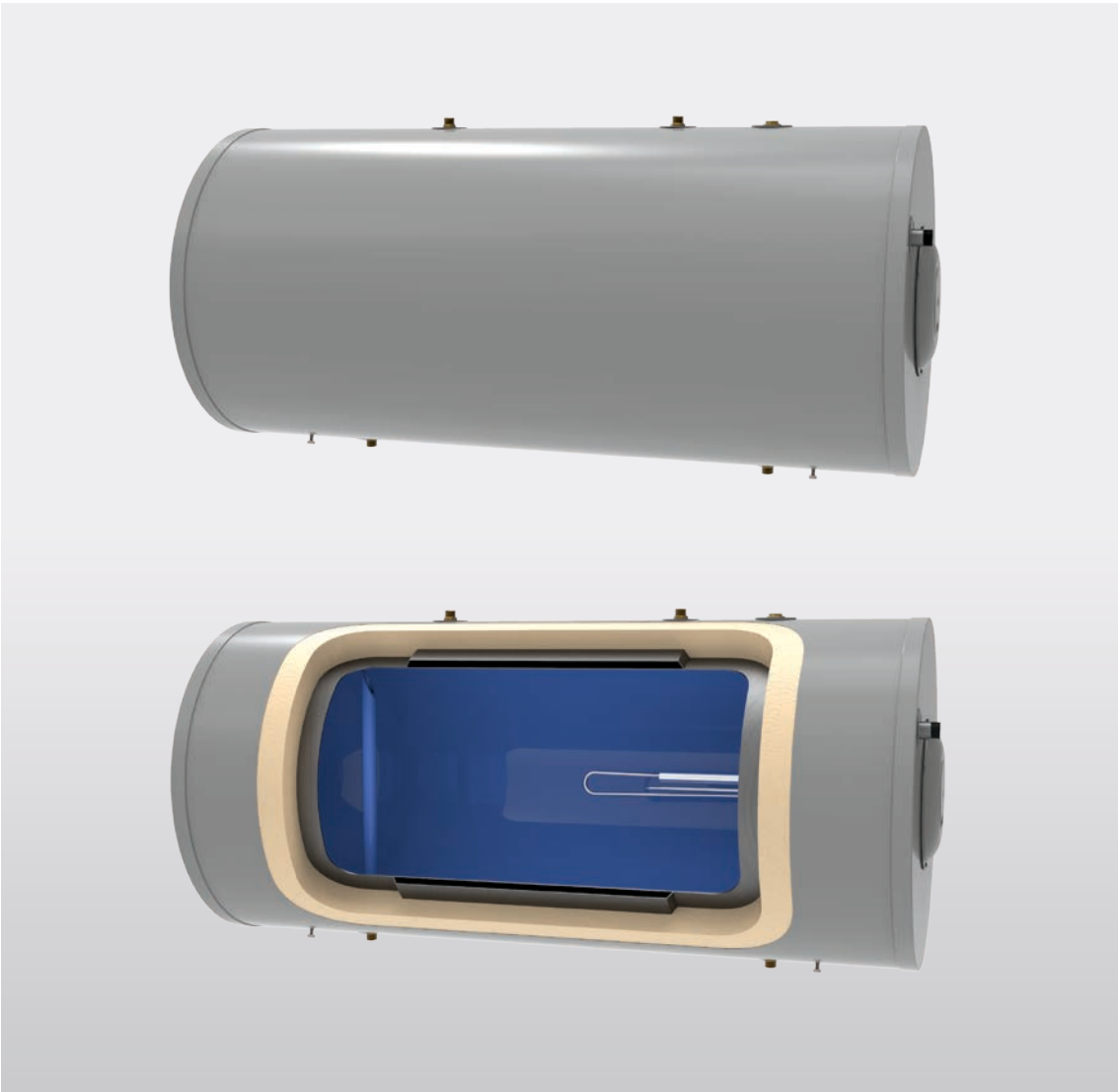




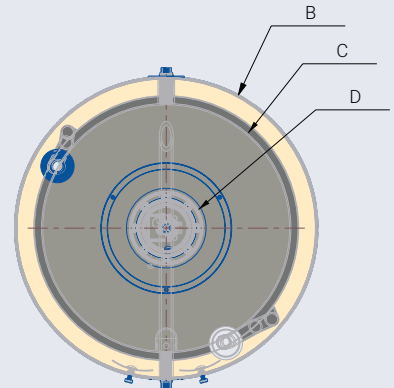
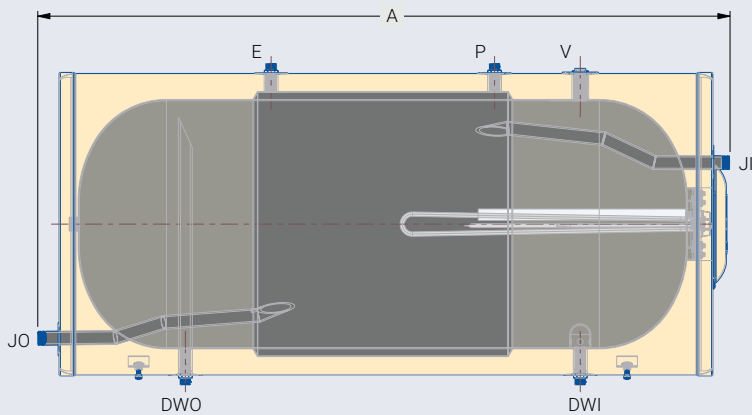
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**ALTERNATIVE
EXTERNAL
MATERIALS**



| | | | |
|------------|---|-----------|----------------------------------|
| E | Pressure valve position protecting closed circuit | | |
| P | Inlet to fill exchanger's solution and (optional) expansion vessel position | | |
| V | Pressure and temperature valve position protecting main tank | | |
| DWO | Domestic hot Water Outlet | JO | Closed circuit cold water outlet |
| DWI | Domestic cold Water Inlet | JI | Closed circuit hot water inlet |



TECHNICAL SPECIFICATIONS

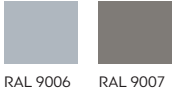
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|--|---|
| Main Tank's Material | DC Sheet (EN 10130/2006) |
| Internal Anti-corrosion Protection | a) LIQUID enamel (DIN 4753-3), totally safe for public health (DIN 51032 & EN 1388-2) and b) magnesium anode (EN 12438) |
| Welding | MIG |
| Insulation | Hard polyurethane foam 48kg/m ³ (DIN 53420), self-extinguishing (DIN 4102) |
| Maximum Working Pressure for the Main Tank | 10 bar |
| Test pressure for the Main Tank | 15 bar (EN 12976-1, 4.1.6) |
| Maximum Working Pressure for the Jacket (exchanger) | 3,2 bar |
| Test Pressure for the Jacket (exchanger) | 5 bar (EN 12976-1/2006, 4.1.6) |
| Maximum Working Temperature of the Main Tank | 95°C |
| Heating Element | Optional, upon request |
| External Cover | Pre-painted galvanized steel sheet 0,5mm (EN 10204/2.2) |

| | ECO-FLS model | 120 lt | 150 lt | 200 lt | 250 lt | 300 lt | 500 lt |
|---|---------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | Gross Capacity (lt) | 116 | 144 | 199 | 242 | 295 | 502 |
| A | Tank's Length (mm) | 1058 | 1330 | 1330 | 1565 | 1805 | 1737 |
| B | External Diameter (mm) | Ø 500 | Ø 500 | Ø 580 | Ø 580 | Ø 580 | Ø 750 |
| C | Main Tank's Diameter (mm) | Ø 400 | Ø 400 | Ø 480 | Ø 480 | Ø 480 | Ø 640 |
| | Jacket's Capacity (lt) | 6 | 8 | 9 | 12 | 19 | 24 |
| D | Flange Diameter (mm) | Ø 140 | Ø 140 | Ø 140 | Ø 140 | Ø 140 | Ø 140 |
| | Weight (kg) | 49 | 60 | 70 | 84 | 102 | 132 |

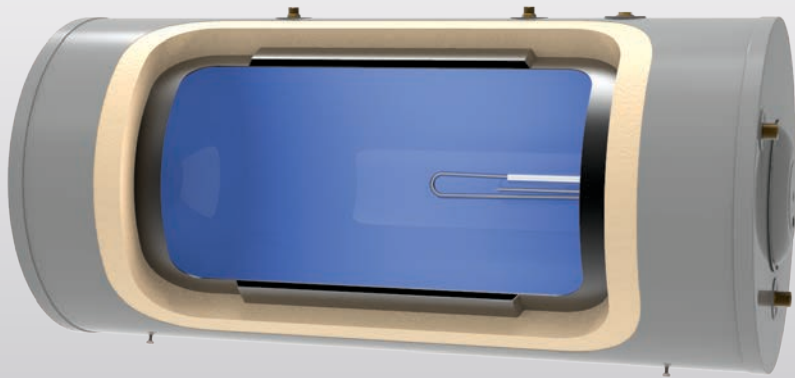




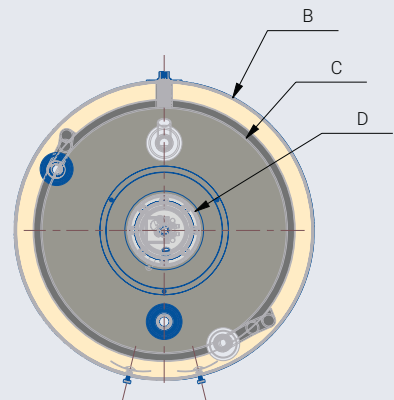
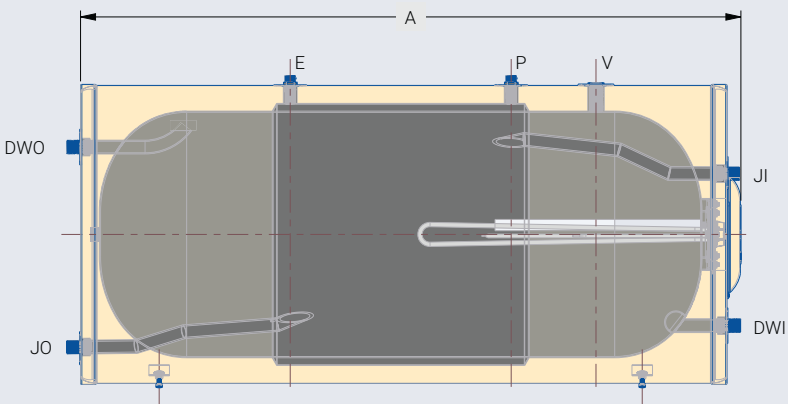
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**ALTERNATIVE
EXTERNAL
MATERIALS**



| | | | |
|------------|---|-----------|----------------------------------|
| E | Pressure valve position protecting closed circuit | | |
| P | Inlet to fill exchanger's solution and (optional) expansion vessel position | | |
| V | Pressure and temperature valve position protecting main tank | | |
| DWO | Domestic hot Water Outlet | JO | Closed circuit cold water outlet |
| DWI | Domestic cold Water Inlet | JI | Closed circuit hot water inlet |



VHP-TT

Type



TECHNICAL SPECIFICATIONS

| | |
|--|---|
| Main Tank's Material | DC Sheet (EN 10130/2006) |
| Internal Anti-corrosion Protection | a) LIQUID enamel (DIN 4753-3), totally safe for public health (DIN 51032 & EN 1388-2) and b) magnesium anode (EN 12438) |
| Welding | MIG |
| Insulation | Hard polyurethane foam 48kg/m ³ (DIN 53420), self-extinguishing (DIN 4102) |
| Maximum Working Pressure for the Main Tank | 10 bar |
| Test pressure for the Main Tank | 15 bar (EN 12976-1, 4.1.6) |
| Maximum Working Pressure for the Jacket (exchanger) | 3,2 bar |
| Test Pressure for the Jacket (exchanger) | 5 bar (EN 12976-1/2006, 4.1.6) |
| Maximum Working Temperature of the Main Tank | 95°C |
| Heating Element | Optional, upon request |
| External Cover | Pre-painted galvanized steel sheet 0,5mm (EN 10204/2.2) |

ADVANTAGES

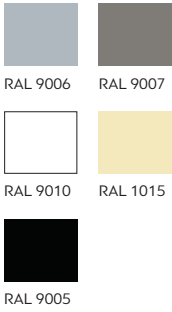
- > Exchanger of big surface and power for the proper function of the heat pump.
- > One solid structure between tank and exchanger, with homogeneous surface for both of it.
- > Free flange which helps the easily maintenance.

| | VHP-TT model | 150 lt | 200 lt | 300 lt | 500 lt |
|---|-----------------------------------|---------------|---------------|---------------|---------------|
| | Gross Capacity (lt) | 144 | 199 | 295 | 502 |
| A | Tank's Length (mm) | 1285 | 1285 | 1785 | 1737 |
| B | External Diameter (mm) | Ø 500 | Ø 580 | Ø 580 | Ø 750 |
| C | Main Tank's Diameter (mm) | Ø 400 | Ø 480 | Ø 480 | Ø 640 |
| | Jacket's Capacity (lt) | 8 | 9 | 19 | 24 |
| | Coil Surface 1" (m ²) | 1,6 | 2,1 | 3,1 | 4 |
| | Coil Capacity 1" (lt) | 9,92 | 13,22 | 19,83 | 24,45 |
| | Coil max Pressure (bar) | 25 | 25 | 25 | 25 |
| | Coil max Temperature (°C) | 100 | 100 | 100 | 100 |
| D | Flange Diameter (mm) | Ø 140 | Ø 140 | Ø 140 | Ø 140 |
| | Weight (kg) | 84 | 99 | 130 | 189 |

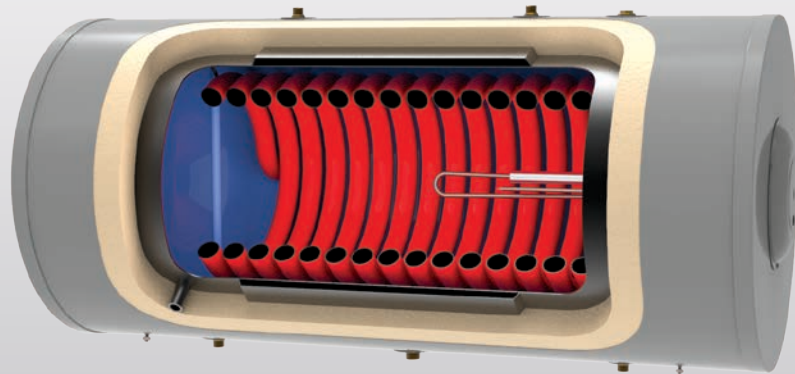
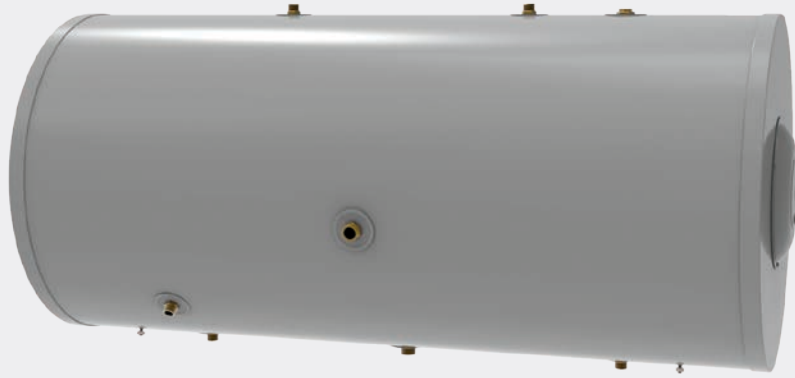
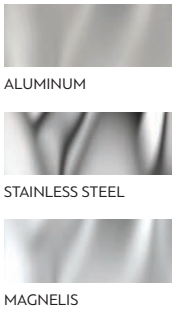




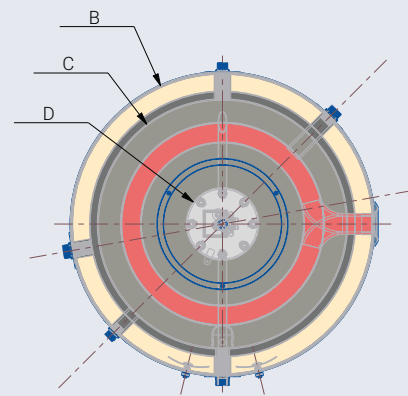
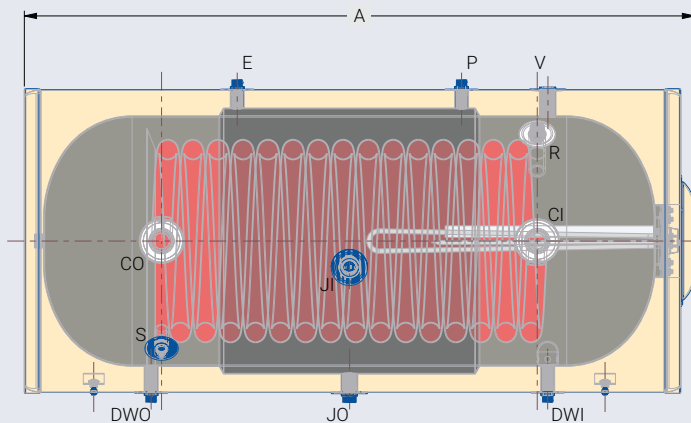
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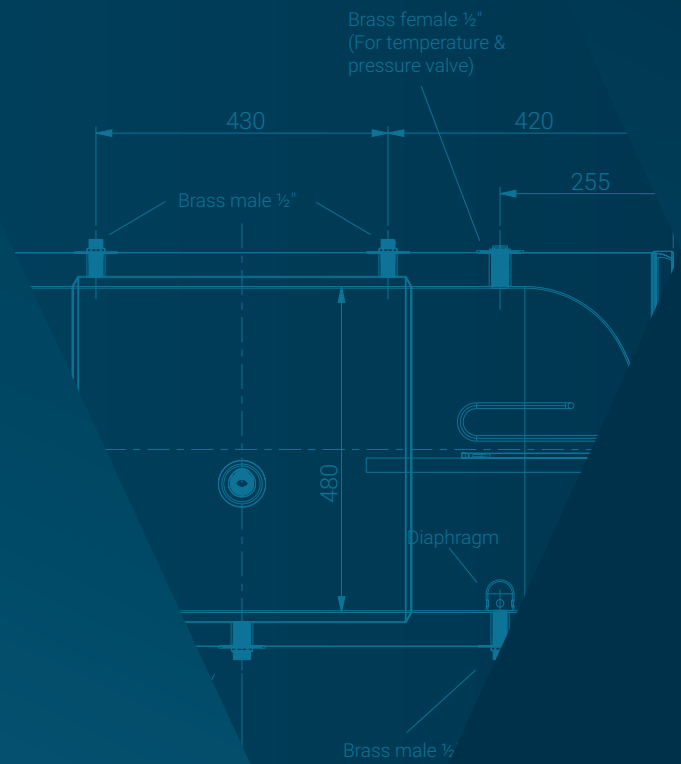
| | | | |
|------------|---|-----------|----------------------------------|
| E | Pressure valve position protecting closed circuit | | |
| P | Inlet to fill exchanger's solution and (optional) expansion vessel position | | |
| V | Pressure and temperature valve position protecting main tank | | |
| DWO | Domestic hot Water Outlet | JO | Closed circuit cold water outlet |
| DWI | Domestic cold Water Inlet | JI | Closed circuit hot water inlet |







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