

PRIMARY STORAGE TANKS WITH DHW HEATER "PRIMEO"

FROM 750 TO 6 000L



CE compliance
• 2014/68/UE



U-tube heater



Tank acier sans revêtement intérieur



Stockage eau primaire pour production ECS

DESCRIPTION

Tank

- Vertical carbon steel tank.
- 750 to 3,000 litres capacity.
- Ø 400 mm inspection manhole(1).
- Maximum working pressure = 7 bar.
- Test pressure = 10 bar.
- Tappings in accordance with the following diagram.
- Anti-rust external paint.
- NO internal coating (primary water storage).

Removable thermal insulation (including the inspection manhole and the bottom of the tank)

Fire proof rating : M1 (Euroclass B)

- High-performance mineral wool - 60 mm thick ($\lambda = 0,032 \text{ W/m/K} - 32 \text{ kg/m}^3$).
- Flexible PVC jacket.

Fire proof rating : M0 (Euroclass A2)

- Rockwool - 50 mm thick ($\lambda = 0,034 \text{ W/m/K} - 40 \text{ kg/m}^3$).
- Isoxal metal sheet jacket.

U-tube heater

- Removable U-tube heater, made of 316 L stainless steel (DHW production), fixed onto the Ø 400 mm inspection manhole.
- Primary system = 90/70°C.
- Secondary system = 10/55°C.
- $\Delta p \leq 0,25 \text{ mWC}$.
- Class B heater, compliant with article 16.9 of the French General Directorate for Health.

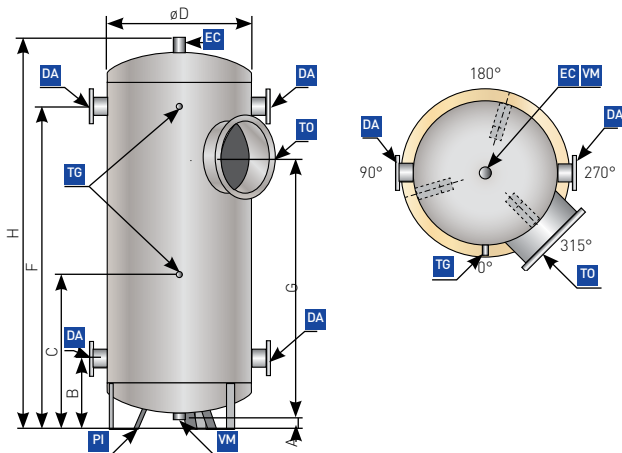
Options

- Accessories kit (thermometer, DN25 safety valve, DN50 drainage valve, air vent valve).
- Upon request : non-standard capacity, dimensions, working pressure and tappings implantation.

Warranties (in accordance with our general conditions of sale)

- Tank = 2 ans - U-tube heater = 5 years.
- Other items = 1 year.

DIMENSIONS



- DA** Outlet/loop return :
 - 80/89 = threaded tappings
 - 100 et 150 = Tappings for flat flanges PN16
- EC** Degasser = 50/60 (threaded tappings)
- PI** Support feet

- TG** Tappings for thermometer and thermostat = 15/21 (Threaded sleeves)
- TO** Ø 400 mm manhole (for fixing the U-tube heater)
- VM** Drainage = 50/60 (threaded tappings)

Cap. (litres)	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	G (mm)	H (mm)	DA (Ø)	Weight (kg)
750	90	460	940	800	1430	1160	1820	80/90	200
1000	90	460	940	800	1980	1540	2370	80/90	225
1500	90	530	1010	1100	1500	1230	1960	80/90	270
2000	90	620	1060	1300	1510	1280	2060	DN100	425
2500	90	655	1220	1300	1725	1460	2310	DN150	480
3000	90	655	1220	1300	2025	1660	2610	DN150	540

AVAILABLE MODELS AND PRICES

DHW heater : Primaire : Primary: 90°C (tank water) – Secondary: 10/60°C (heater tubes)

Capacity (litres)	Heater power (kW)	Flow rate (m3/h)	Reference avec jaquette 60 mm-M1	Reference avec jaquette 50 mm-M0
750	120	2,1	EPR075120M1V	EPR075120MOV
1000	120	2,1	EPR100120M1V	EPR100120MOV
1500	150	2,6	EPR150150M1V	EPR150150MOV
2000	150	2,6	EPR200150M1V	EPR200150MOV
2000	250	4,3	EPR200250M1V	EPR200250MOV
2500	250	4,3	EPR250250M1V	EPR250250MOV
3000	250	4,3	EPR300250M1V	EPR300250MOV

OPTIONS

Reference	Description
KA1S	Accessories kit - DN25 safety valve calibrated at 7-bar - Brass dial thermometer 0/120 C deg - DN50 drainage valve - Air vent valve