



HOT WATER STORAGE TANKS "CALEO"

CARBON STEEL RANGE - FROM 200 TO 3 000L



CE compliance
• 2014/68/UE
• 2014/35/UE



T° maxi = 110°C



Non-reverse bottom



Maximum working pressure = 7 bar



Inspection manhole

DESCRIPTION

Tank

- Tank in carbon steel, vertical in 3 feet.
- Capacity from 200 to 3 000L.
- Maximum working pressure = 7 bar - Test pressure = 10 bar.
- Tappings (in accordance with the following diagram).

External protection

- Anti-rust paint..

Removable thermal insulation

Fire proof rating : M1 (Euroclass B)

- High-performance mineral wool - 60 mm thick (even on the lower dished end up to 3,000 L).
- Flexible PVC jacket.

Fire proof rating : M0 (Euroclass A2)

- Rockwool - 50 mm thick.
- Isoxal metal sheet jacket.

Options electrical backup

- Resistor fixing ring soldered on tank.
- Electrical elements with Incoloy pins.
- Double safety thermostat (-30/+35°C).

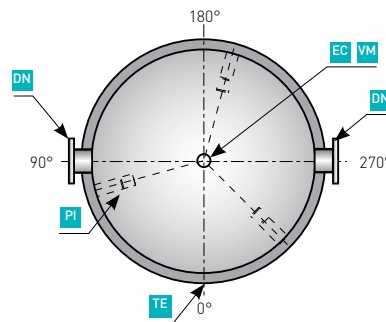
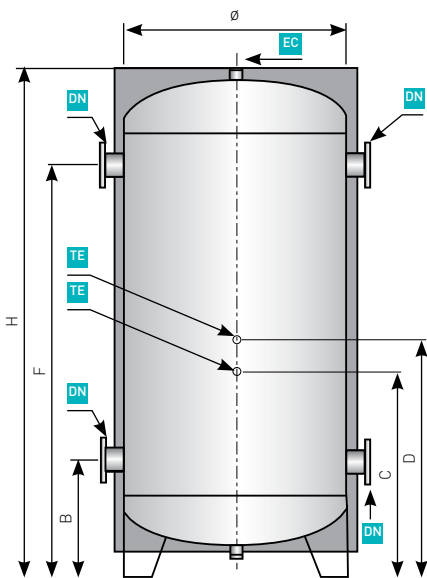
Other options

- ø 400 mm inspection manhole (from 500L).
- Accessories kit (thermometer -30/+50°C, DN25 safety valve, degasser, DN50 valve for drainage).
- Upon request : non-standard capacity, dimensions, working pressure and tappings implantation.
- Horizontal tank.

Warranties (in accordance with our general conditions of sale)

- Tank = 5 years. (against perforation, used in a pressurised closed circuit only).
- Electrical equipment and accessories = 1 year.

DIMENSIONS



Capacity (Litres)	EC - VM	DN (Ø)	TE
200	50/60	50/60	15/21
300	50/60	50/60	15/21
500	50/60	66/76	15/21
750	50/60	80/90	15/21
1 000H ⁽¹⁾	50/60	80/90	15/21
1 000B ⁽¹⁾	50/60	80/90	15/21
1 500H ⁽¹⁾	50/60	80/90	15/21
1 500B ⁽¹⁾	50/60	80/90	15/21
2 000H ⁽¹⁾	50/60	DN100	15/21
2 000B ⁽¹⁾	50/60	DN100	15/21
2 500	50/60	DN150	15/21
3 000	50/60	DN150	15/21

Capacity (Litres)	Ø (mm)	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	H (mm)	Weight (kg)	
								With manhole	Without manhole
200	450	90	355	680	900	1 300	1 650	-	80
300	550	90	395	595	815	1 160	1 530	100	90
500	650	90	430	910	1 130	1 420	1 800	130	120
750	800	90	460	940	1 160	1 450	1 880	160	150
1 000H ⁽¹⁾	800	90	460	940	1 160	2 000	2 420	200	180
1 000B ⁽¹⁾	950	90	495	975	1 195	1 485	1 950	220	200
1 500H ⁽¹⁾	950	90	495	975	1 195	2 030	2 500	260	240
1 500B ⁽¹⁾	1 100	90	530	1 010	1 230	1 520	2 000	310	290
2 000H ⁽¹⁾	1 100	90	570	1 010	1 230	2 010	2 540	380	360
2 000B ⁽¹⁾	1 300	90	620	1 060	1 280	1 530	2 100	420	400
2 500	1 300	90	655	1 220	1 440	1 745	2 350	460	440
3 000	1 300	90	655	1 220	1 440	2 025	2 650	520	500

⁽¹⁾Note : H = High version ; B = Low version.

DN Loop outlet and return :
- 50/60, 66/76 et 80/89 = threaded tappings
- 100 et 150 = Tappings for plate flanges PN16

EC-VM Degasser - Drainage = 50/60 (Threaded tappings)

PI Support feet

TE Tappings for thermometer et thermostat = 15/21 (Threaded sleeves)

AVAILABLE MODELS AND PRICES

Capacity (litres)	Reference with 60 mm-M1 jacket		Reference with 50 mm-M0 jacket	
	With manhole	Without manhole	With manhole	Without manhole
200	-	EC020M1	-	EC020M0
300	-	EC030M1	-	EC030M0
500	EC050M1V	EC050M1	EC050M0V	EC050M0
750	EC075M1V	EC075M1	EC075M0V	EC075M0
1 000H ⁽¹⁾	EC100M1HV	EC100M1H	EC100M0HV	EC100M0H
1 000B ⁽¹⁾	EC100M1BV	EC100M1B	EC100M0BV	EC100M0B
1 500H ⁽¹⁾	EC150M1HV	EC150M1H	EC150M0HV	EC150M0H
1 500B ⁽¹⁾	EC150M1BV	EC150M1B	EC150M0BV	EC150M0B
2 000H ⁽¹⁾	EC200M1HV	EC200M1H	EC200M0HV	EC200M0H
2 000B ⁽¹⁾	EC200M1BV	EC200M1B	EC200M0BV	EC200M0B
2 500	EC250M1V	EC250M1	EC250M0V	EC250M0
3 000	EC300M1V	EC300M1	EC300M0V	EC300M0

⁽¹⁾Note : H = High version ; B = Low version.

Electrical backup option (kW)	Minimum Ø of tank (mm)	Reference
3	550	AE3
4,5	550	AE4
6	550	AE6
9	650	AE9
12	800	AE12
15	650	AE15
20	950	AE20
24	1 100	AE24
30	1 300	AE30
35	1 300	AE35

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