

Cyclone Mild Steel Hot Water Calorifier



Large Mild Steel Buffer Storage

These hot water tanks must be installed in a frost-protected room by a locally authorised specialist company.

The vacuum enamelled tanks are suitable for normal drinking water. An appropriate electrical separation in accordance with the standards of engineering must be provided for mixed installations. Any unused coupling sleeves must be suitably sealed.

Please observe the regulations of the local works and the relevant standards when connecting. The connections must be installed pressure-proof. The component-tested safety devices must be installed in the cold water supply line according to local regulations, as can be seen in the illustration. The component-tested safety valve must have a

connecting diameter of DN 15 (up to 200 l, max. heating capacity 75kW) or DN 20 (over 200 l, max. heating capacity 150 kW) and must not be closable from the hot water tank. An indicating label with the following inscription must be affixed to the safety valve or its blow-off line:

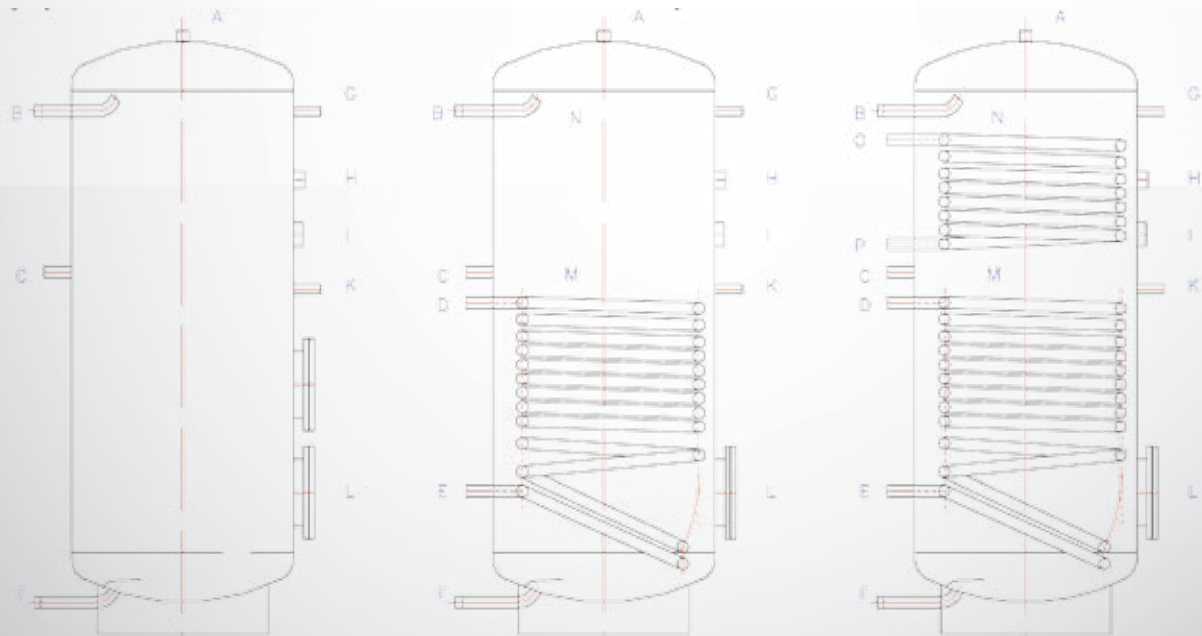
For safety reasons, water may exit from the blow-off line during heating! Do not close!

The operating overpressure specified on the rating plate must not be exceeded; install pressure reducer, if necessary. A discharging device must be provided in the cold water when installing the connection.



Technical Information

Dimension			1500	2000	2500	3000
Type			FFM / FRM / FRMR	FFM / FRM / FRMR	FFM / FRM / FRMR	FFM / FRM / FRMR
Ø of tank with ISO 100 mm			1200	1300	1400	1400
Height with ISO 100 mm			2230	2420	2480	2870
Ø of tank without ISO 100 mm			1000	1100	1200	1200
HW/ventilation	A	5/4" FT	2122	2313	2373	2768
Hot water	B	5/4" FT	1825	1997	2027	2422
Circulation	C	1" FT	1217	1252	1282	1682
Heating inflow, bottom	D	5/4" FT	1067	1088	1122	1262
Heating return flow, bottom	E	5/4" FT	362	448	482	482
Heating inflow, top	O	5/4" FT	1722	1713	1927	2272
Heating return flow, bottom	P	5/4" FT	1342	1393	1597	1942
CW / Discharge	F	5/4" FT	80	168	80	100
Sensor	G	1/2" FT	1825	1997	2027	2422
Correx anode	H	3/4" FT	1494	1612	1642	1992
Electric heating element	I	2" FT	1354	1472	1502	1852
Sensor	K	1/2" FT	1167	1202	1232	1482
Flange	L	D = 240	837	847	877	877
Flange	L	D = 240	437	447	477	477
Heat exchanger	M	HE m ² /l	3.5 / 29	4.0 / 36	4.0 / 40	5.0 / 47
Heat exchanger	N	HE m ² /l	1.75 / 15	2.0 / 16	2.0 / 18	2.5 / 25
Weight (kg)			360 / 425 / 460	420 / 493 / 532	495 / 570 / 610	620 / 713 / 762
Tilted weight			2250	2440	2520	2890
Operating pressure (bar)			10	10	10	10
Operating temperature (°C)			95	95	95	95



0	0	0	0	0	0	0	0	0
Temperature and Pressure Relief Valve	Expansion Vessel	High Flow Rate Inlet Control Set	Dual Thermostat	Incoloy Long 240V 3kW Immersion Heater	15/22 Tundish	22mm Thermostatic Mixing Valve	Expansion Vessel Hose	22 mm 2 Port Motorized Diverting Valve