

Stainless Steel Calorifiers



Small Calorifier Range 200 - 1000 Litres

Type: Single & Dual Coils

Models:

- CA-200-SC ~ CA-500-SC
- CA-300-TC ~ CA-500-TC
- CA-800-SC ~ CA-1000-SC
- CA-800-TC ~ CA-1000-TC

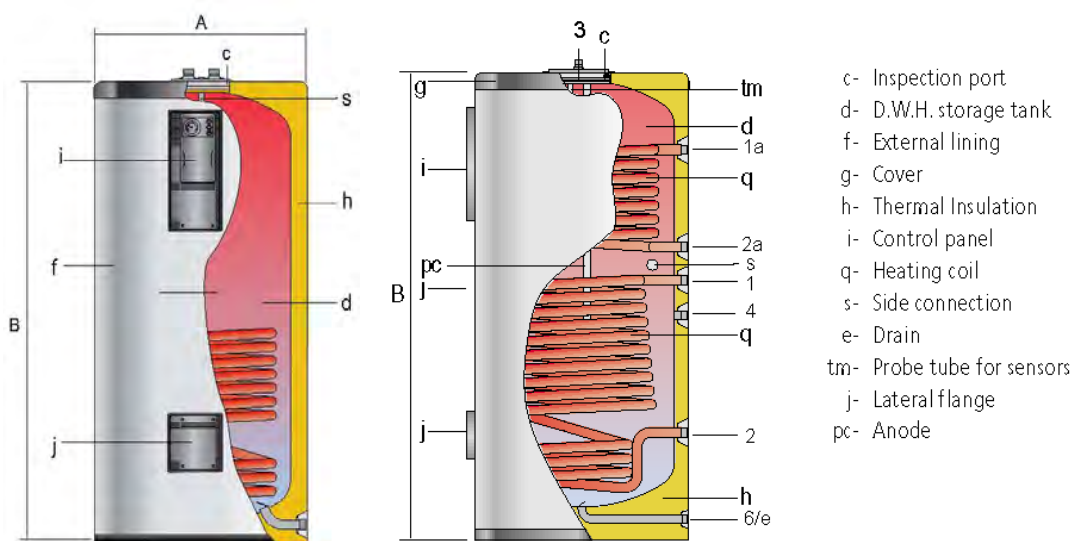
- DHW tanks made from Austenitic AISI 316L stainless steel
- Tank chemically pickled, descaled & passivated after welding
- High performance insulation (typically 0.025w/m²K)
- Stainless steel coils which reach the bottom of tank preventing the risk of bacterial proliferation (i.e., legionella bacteria)
- Easy access for inspection and maintenance
- Facility to fit immersion heaters

In addition to Automated Factory Production we build to clients specific requirements
Other products within our range include:

- Thermal Storage Vessels
- Plate Heat Exchangers
- Boiler House Products

For more information please contact our Sales & Technical Office on 020 8789 9100

Domestic Hot Water Calorifiers in AISI 316L Stainless Steel Chemically Descaled and Passivated



Models CA-300-SC & CA-800-TC

Description:

- Tanks for the production of Domestic Hot Water (DHW) & Storage
- Made in AISI Stainless Steel, chemically descaled and passivated after assembly
- Facility to fit immersion heater(s) (Optional)
- Coils designed to prevent cold zones forming at the bottom of the tank (antilegionella design)
- Thermally insulated with CFC-free mould injected rigid polyurethane foam
- Control panel with manometer, regulating thermostats and control switches (Optional)
- Special design allows the thermal insulation to be removed to pass through limited access (800mm)

Technical Characteristics		CA-200 SC	CA-300 SC/TC	CA-400 TC	CA-500 SC/TC	CA-800 SC/TC	CA-1000 SC/TC
DHW Capacity	Litres	200	300	400	500	800	1000
Max Operating Temp of Heating Circuit	°C	200	200	200	200	200	200
Max Operating Pressure of Heating Circuit	βar	25	25	25	25	25	25
Max Operating Temp of DHW Tank	°C	90	90	90	90	90	90
Max Operating Pressure of DHW Tank	βar	8	8	8	8	8	8
Heat Exchange surface – Lower Coil (SC)	m ²	1.1	1.4	1.8	1.8	2.7	3.3
Heat Exchange surface – Top Coil (TC)	m ²	0.4	1.1	0.9	1.2	1.2	1.2
Lower Coil Heating Power/Primary Flow*	kW-m ³ /h	53-3	73-5	88-5	88-5	116-5	155-5
Top Coil Heating Power/Primary Flow*	kW-m ³ /h	24-3	58-5	56-5	65-5	65-5	65-5
Empty Weight (SC)	Kg	60	85	-	117	164	189
Empty Weight (TC)	Kg	64	93	118	126	175	200
Inspection Opening (DN 400)	DN	x	x	x	x	✓	✓
Primary Inlet (Lower):	1	"	1	1	1	1	1¼
Primary Inlet (Top):	1a	-	1	1	1	1	1¼
Primary Return (Lower):	2	"	1	-	1	1	1¼
Primary Return (Top):	2a	-	1	1	1	1	1¼
Secondary Flow:	3	"	1	1	1	1½	1½
Secondary Return:	4	"	1	1	1	1½	1½
Cold Feed:	5	"	1	1	1	1¼	1¼
Drain:	6	"	1	1	1	1¼	1¼
Connection:	7	"	1½	1½	1½	1½	1½
Sensor Connection:	8	"	¾	¾	¾	¾	¾
Dimension A: External Diameter	mm	620	620	770	770	950	950
Dimension B: Overall Height	mm	1205	1685	1523	1690	1840	2250

* Primary circuit temperature 90°C; DHW temperature increase 35°C