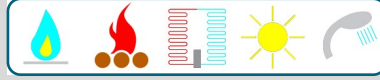


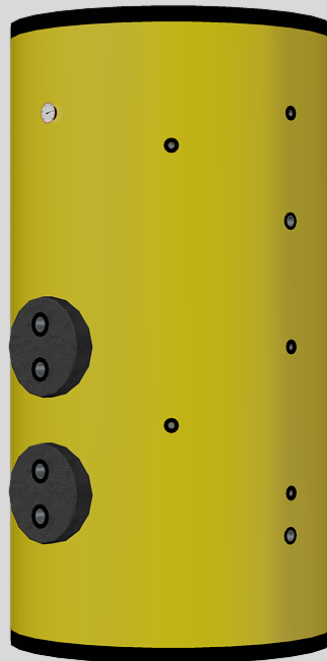
dai 1968



SCAMBIATORI - BOLLITORI - SERBATOI



BT2H-C - BT2-C



ENAMELLED STEEL DHW CALORIFIER EQUIPPED WITH TWO
REMOVABLE TUBE BUNDLE HEAT EXCHANGERS

ENAMELLED STEEL DHW CALORIFIER EQUIPPED WITH TWO REMOVABLE TUBE BUNDLE HEAT EXCHANGERS

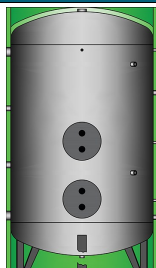
Calorifiers made of enamelled steel with two removable tube bundle heat exchangers for production and storage of DHW. Designed for connection to one or two different primary energy sources.

The two heat exchangers, with equal heating surface area, are positioned in the lower and middle areas of the tank and allow the use of a single energy source by connecting them together; This allows double the yield compared to a calorifier equipped with one tube bundle heat exchanger, so that the connected source can be exploited to the full. This solution is particularly recommended with Heat Pump or low-temperature primary source. In the case of two different energy sources the configuration of **BT2H-C** | **BT2-C** guarantees high thermal output for both, ensuring the production of a large quantity of DHW.

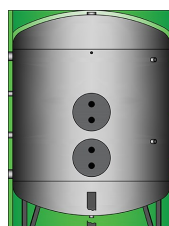
The calorifiers of the **BT2H-C** | **BT2-C** range stand out for the wide choice of capacities, from 1000 to 5000 L as standard and over upon request. They are available, in the larger sizes, in vertical-low and vertical extra-low versions to allow them to be installed in circumstances where the available height is not sufficient for the standard measurement. The two tube bundle heat exchangers, made of Stainless Steel AISI 304 as standard, are also available in Stainless Steel AISI 316L or copper on request.

The possibility of selecting between various operating pressures - up to 10 bar - and the availability of different external claddings for indoor or outdoor installation, extends their use to all the possible applications. Protection from galvanic currents is provided by the electronic anodes fitted as standard, which both save on costs of checking and replacing conventional magnesium anodes and ensure superior reliability and durability.

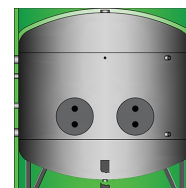
CONSTRUCTION



BT2H-C | BT2-C



BT2H-RC | BT2-RC



BT2-XC

TANK MATERIAL	Carbon steel	Carbon steel	Carbon steel
INTERNAL SURFACE TREATMENT	CERAMFLON enamel	CERAMFLON enamel	CERAMFLON enamel
EXTERNAL SURFACE TREATMENT	Anti-rust primer	Anti-rust primer	Anti-rust primer
CAPACITY	1000 ÷ 5000 L	1500 ÷ 5000 L	3000 ÷ 5000 L
VERSION	Vertical	Vertical LOW-height	Vertical EXTRA-LOW height
CONNECTIONS	Threaded	Threaded	Threaded
PRIMARY CHEST MATERIAL	CERAMFLON enamelled steel	CERAMFLON enamelled steel	CERAMFLON enamelled steel
REMOVABLE TUBE BUNDLE HEAT EXCHANGER MATERIAL	- Stainless steel AISI 304 - Stainless steel AISI 316L (on request) - Copper (on request)	- Stainless steel AISI 304 - Stainless steel AISI 316L (on request) - Copper (on request)	- Stainless steel AISI 304 - Stainless steel AISI 316L (on request) - Copper (on request)
INSULATION 1000 L	Hard Polyurethane 85mm removable shells	—	—
INSULATION 1500-2000 L	PLFH 120 mm High density eco-friendly polyester fiber	PLFH 120 mm High density eco-friendly polyester fiber	—
INSULATION 2500 ÷ 5000 L	PLF 50 mm Eco-friendly polyester fiber	PLF 50 mm Eco-friendly polyester fiber	PLF 50 mm Eco-friendly polyester fiber
CLADDING	- PVC Yellow RAL1023 - Aluminium	- PVC Yellow RAL1023 - Aluminium	- PVC Yellow RAL1023 - Aluminium
ANODE	Electronic	Electronic	Electronic
ACCESSORIES	Thermometer	Thermometer	Thermometer

Energy efficiency class - Regulation 812/2013 & 814/2013 | European Directive 2009/125/CE

Capacity - L				1000	1500	2000
BT2H-C	Energy efficiency class			C	C	C
	Standing loss	S	W	142	166	189
	Storage volume	V	L	918	1483	1983
BT2H-RC	Energy efficiency class				C	C
	Standing loss	S	W		165	187
	Storage volume	V	L		1515	1978

STANDARD WORKING CONDITIONS

Capacity - L		1000	1500	2000	2500	3000	4000	5000
Tank working pressure	bar	ATM ÷ 8	ATM ÷ 6	ATM ÷ 6	ATM ÷ 6	ATM ÷ 6	ATM ÷ 6	ATM ÷ 6
Tank working temperature	°C	AMB ÷ 85	AMB ÷ 85	AMB ÷ 85	AMB ÷ 85	AMB ÷ 85	AMB ÷ 85	AMB ÷ 85
Heat exchangers working pressure	bar	ATM ÷ 12	ATM ÷ 12	ATM ÷ 12	ATM ÷ 12	ATM ÷ 12	ATM ÷ 12	ATM ÷ 12
Heat exchangers working temperature	°C	AMB ÷ 99	AMB ÷ 99	AMB ÷ 99	AMB ÷ 99	AMB ÷ 99	AMB ÷ 99	AMB ÷ 99

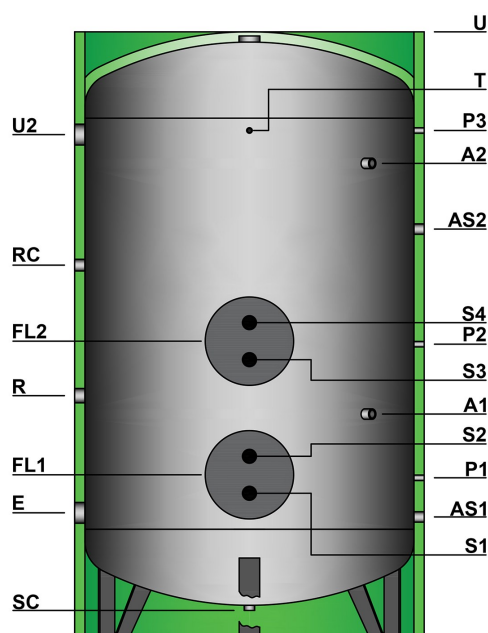
REGULATORY COMPLIANCE

ErP - Reg. 812/2013 e Reg. 814/2013 | CE

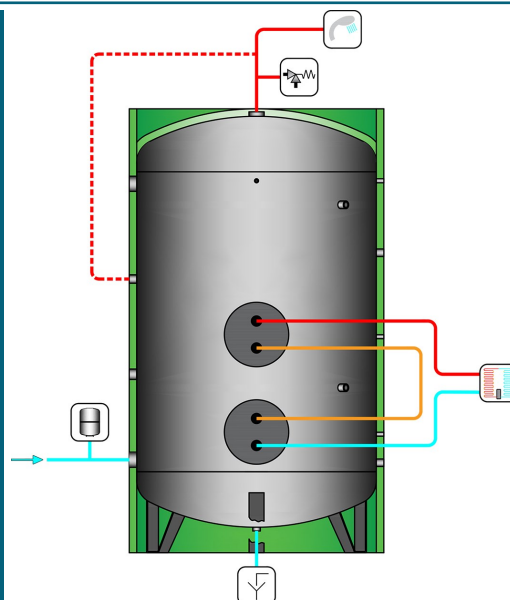
European Pressure Equipment Directive (PED) 2014/68/UE | SEP (Sound Engineering Practice) - exclusion from CE marking - Art. 4.3

D.M. 174/04 or Reg. (CE) 1935/04 | Compatible with potable water

Cooke Industries - Phone: +64 9 579 2185 Email: sales@cookeindustries.co.nz Web: www.cookeindustries.co.nz



INSTALLATION ASSUMPTIONS



The proposed diagrams are purely indicative.

GENERAL CHARACTERISTICS - VERTICAL STANDARD VERSION

	Capacity - L	1000	1500	2000	2500	3000	4000	5000
DIMENSIONS								
Diameter without insulation	mm	800	950	1100	1200	1250	1400	1600
Diameter with insulation	mm	970	1190	1340	1300	1350	1500	1700
Overall height	mm	2185	2530	2535	2590	2790	2869	2960
Overturning height with without insulation	mm	2297 2201	2679 2532	2719 2541	2773 2600	2976 2800	3088 2883	3232 2982

CONNECTIONS

E	Cold water supply	mm Ø	420 2"	465 2"½	485 2"½	530 3"	525 3"	559 3"	620 3"
U	DHW return	mm Ø	2185 2"	2530 2"½	2535 2"½	2590 3"	2790 3"	2869 3"	2960 3"
U2	DHW additional return	mm Ø	—	—	—	—	—	2399 3"	2460 3"
RC	Recirculation	mm Ø	1405 1"½	1580 1"½	1600 1"½	1645 1"½	1730 1"½	1764 1"½	1825 1"½
R	Immersion electric heater	mm Ø	885 2"	1035 2"	1055 2"	1100 2"	1095 2"	1129 2"	1190 2"
P1	Sensor	mm Ø	610 ½"	635 ½"	655 ½"	700 ½"	505 ½"	729 ½"	790 ½"
P2	Sensor	mm Ø	1080 ½"	1235 ½"	1255 ½"	1300 ½"	1345 ½"	1379 ½"	1440 ½"
P3	Sensor	mm Ø	1700 ½"	2125 ½"	2095 ½"	2190 ½"	2385 ½"	2419 ½"	2480 ½"
T	Thermometer	mm Ø	1800 ½"	2125 ½"	2095 ½"	2190 ½"	2385 ½"	2419 ½"	2480 ½"
A1	Anode	mm Ø	810 ½"	945 ½"	965 ½"	1010 ½"	1005 ½"	1039 ½"	1100 ½"
A2	Anode	mm Ø	—	1965 ½"	1935 ½"	2030 ½"	2225 ½"	2259 ½"	2320 ½"
AS1	Spare	mm Ø	420 1"¼	445 1"¼	465 1"¼	510 1"¼	505 1"¼	539 1"¼	600 1"¼
AS2	Spare	mm Ø	1820 1"¼	1845 1"¼	1865 1"¼	1910 1"¼	1905 1"¼	1939 1"¼	2000 1"¼
FL1	Lower heat exchanger manhole	mm	610	635	655	700	695	729	790
		Ø mm	300×380	300×380	300×380	300×380	300×380	350×430	350×430
FL2	Upper heat exchanger manhole	mm	1080	1235	1255	1300	1345	1379	1440
		Ø mm	300×380	300×380	300×380	300×380	300×380	350×430	350×430
S1	Lower heat exchanger return	mm Ø	535 2"	560 2"	580 2"	625 2"	620 2"	631 2"	690 2"
S2	Lower heat exchanger supply	mm Ø	685 2"	710 2"	730 2"	775 2"	770 2"	831 2"	890 2"
S3	Upper heat exchanger return	mm Ø	1005 2"	1160 2"	1180 2"	1225 2"	1270 2"	1281 2"	1340 2"
S4	Upper heat exchanger supply	mm Ø	1155 2"	1310 2"	1330 2"	1375 2"	1420 2"	1481 2"	1540 2"
SC	Drain	mm Ø	95 1"¼	135 1"¼	123 1"¼	135 1"¼	125 1"¼	114 1"¼	145 1"¼

TUBE BUNDLE HEAT EXCHANGERS PERFORMANCES

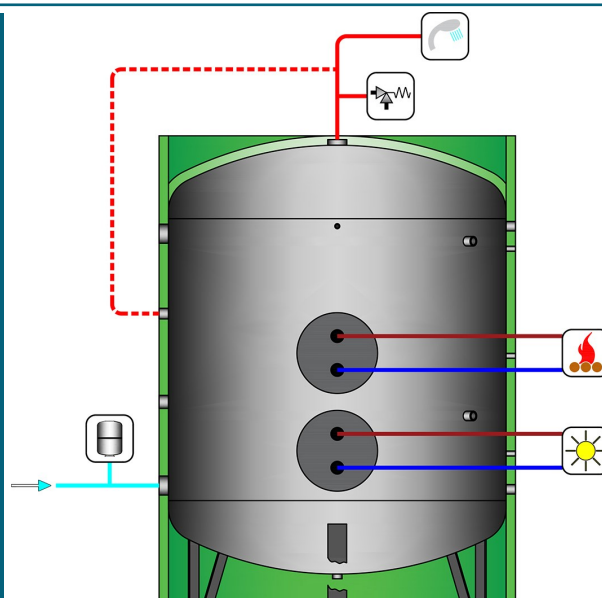
Lower heat exchanger heating surface area	m²	2,00	3,00	4,00	5,00	6,00	8,00	10,00
Lower HEX output (Prim 80/70°C - Sec 10/45°C)	kW	72	108	144	180	215	287	359
Upper heat exchanger heating surface	m²	2,00	3,00	4,00	5,00	6,00	8,00	10,00
Upper HEX output (Prim 80/70°C - Sec 10/45°C)	kW	72	108	144	180	215	287	359
DHW continuous flow 10/45°C	L/h	3529	5293	7057	8821	10586	14114	17643

EMPTY WEIGHTS

Empty Weight	kg	245	310	390	450	585	750	890
--------------	----	-----	-----	-----	-----	-----	-----	-----

Note: All the measurements of the connections are considered "from the ground". The thread are female GAS type, unless otherwise specified.
The tanks higher than 2200mm are packaged horizontally.

Cooke Industries - Phone: +64 9 579 2185 Email: sales@cookeindustries.co.nz Web: www.cookeindustries.co.nz



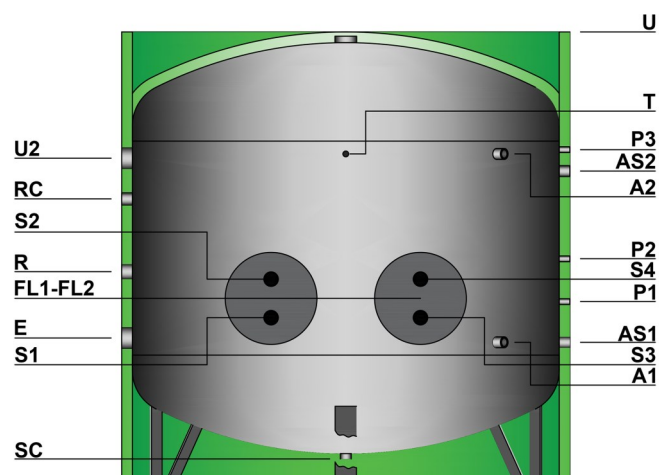
GENERAL CHARACTERISTICS - VERTICAL-LOW VERSION

CONNECTIONS

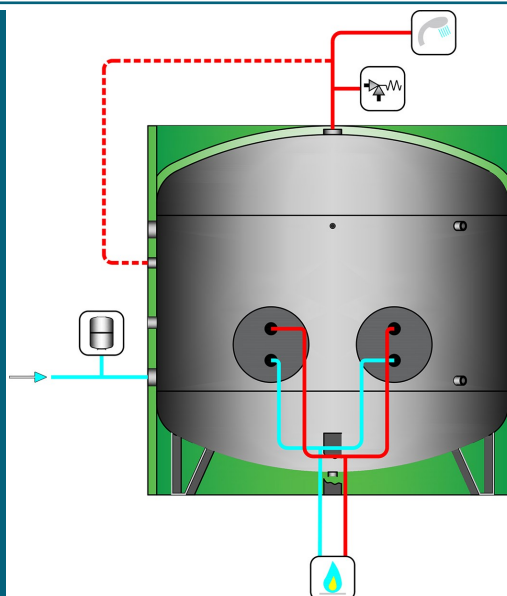
TUBE BUNDLE HEAT EXCHANGERS PERFORMANCES

EMPTY WEIGHTS

Cooke Industries - Phone: +64 9 579 2185 Email: sales@cookeindustries.co.nz Web: www.cookeindustries.co.nz



INSTALLATION ASSUMPTIONS



The proposed diagrams are purely indicative.

GENERAL CHARACTERISTICS - VERTICAL EXTRA-LOW VERSION

		Capacity - L	3000	4000	5000
DIMENSIONS					
Diameter without insulation	mm		1500	1700	2000
Diameter with insulation	mm		1600	1800	2100
Overall height	mm		2130	2190	2100
Overturning height with without insulation	mm		2450 2158	2578 2229	2628 2160

CONNECTIONS

E	Cold water supply	mm Ø	558 3"	590 3"	670 3"
U	DHW return	mm Ø	2130 3"	2190 3"	2100 3"
U2	DHW additional return	mm Ø	1650 3"	1680 3"	1510 3"
RC	Recirculation	mm Ø	1308 1"½	1370 1"½	1320 1"½
R	Immersion electric heater	mm Ø	938 2"	1060 2"	1070 2"
P1	Sensor	mm Ø	728 ½"	790 ½"	850 ½"
P2	Sensor	mm Ø	1138 ½"	1010 ½"	1050 ½"
P3	Sensor	mm Ø	1668 ½"	1700 ½"	1530 ½"
T	Thermometer	mm Ø	1668 ½"	1700 ½"	1530 ½"
A1	Anode	mm Ø	943 ½"	570 ½"	650 ½"
A2	Anode	mm Ø	1668 ½"	1620 ½"	1530 ½"
AS1	Spare	mm Ø	538 1"¼	570 1"¼	650 1"¼
AS2	Spare	mm Ø	1337 1"¼	1370 1"¼	1450 1"¼
FL1	Lower heat exchanger manhole	mm Ø	728 300×380	790 350×430	850 350×430
FL2	Upper heat exchanger manhole	mm Ø	1138 300×380	790 350×430	850 350×430
S1	Lower heat exchanger return	mm Ø	653 2"	691 2"	751 2"
S2	Lower heat exchanger manhole	mm Ø	803 2"	891 2"	951 2"
S3	Upper heat exchanger return	mm Ø	1063 2"	691 2"	751 2"
S4	Upper heat exchanger supply	mm Ø	1213 2"	891 2"	951 2"
SC	Drain	mm Ø	103 1"¼	105 1"¼	105 1"¼

TUBE BUNDLE HEAT EXCHANGERS PERFORMANCES

Lower heat exchanger heating surface area	m²	6,00	8,00	10,00
Lower HEX output (Prim. 80/70°C - Sec. 10/45°C)	kW	215	287	359
Upper heat exchanger heating surface area	m²	6,00	8,00	10,00
Upper HEX output (Prim. 80/70°C - Sec. 10/45°C)	kW	215	287	359
DHW continuous flow 10/45°C	L/h	10586	14114	17643

EMPTY WEIGHTS

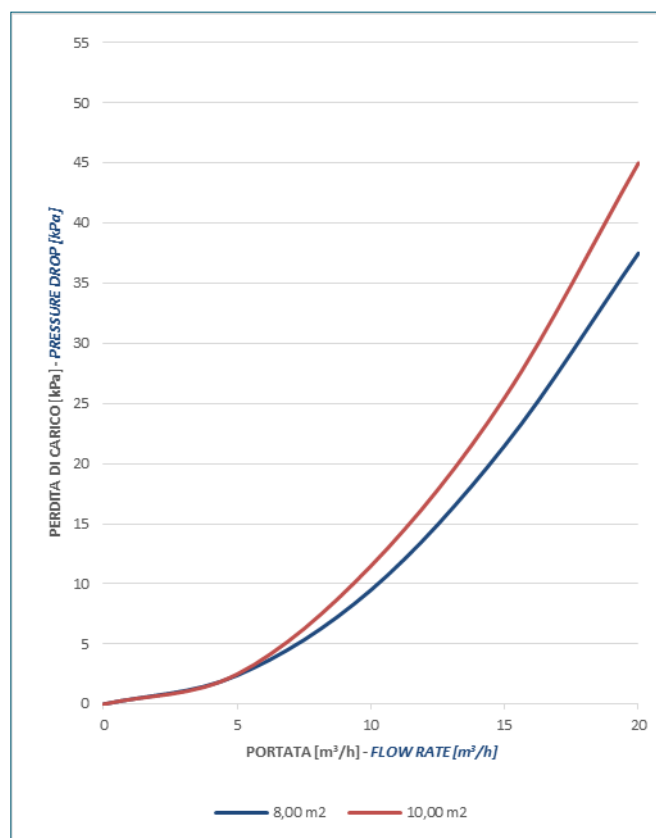
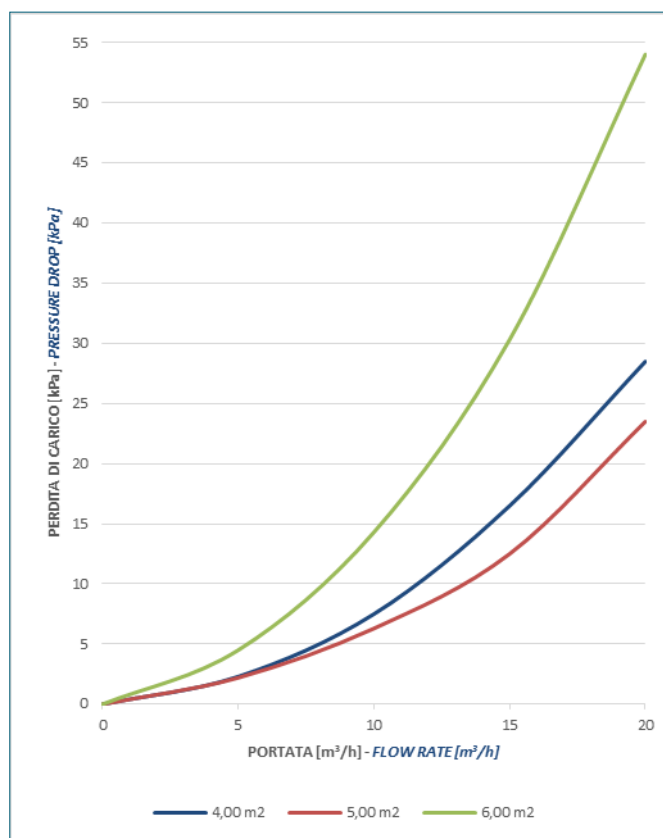
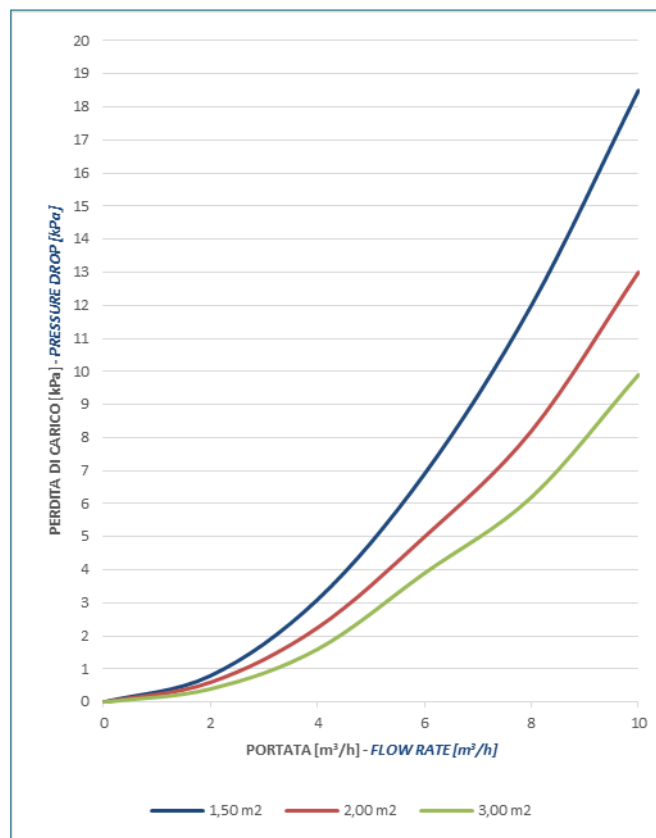
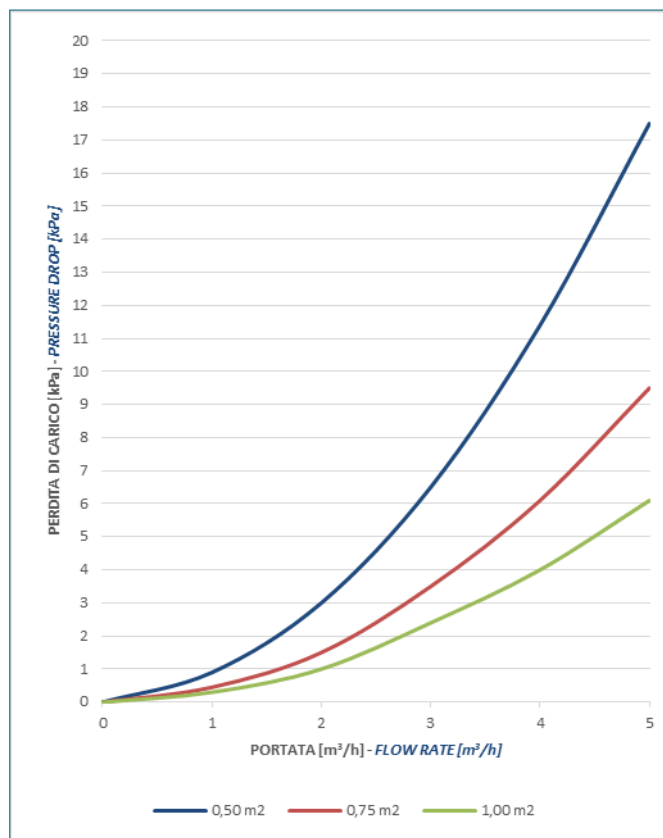
Empty weight	kg	600	770	905
--------------	----	-----	-----	-----

Note: All the measurements of the connections are considered "from the ground". The thread are female GAS type, unless otherwise specified.
The tanks higher than 2200mm are packaged horizontally.

Cooke Industries - Phone: +64 9 579 2185 Email: sales@cookeindustries.co.nz Web: www.cookeindustries.co.nz

TUBE BUNDLE HEAT EXCHANGER PRESSURE DROP

BT2H-C - BT2-C



TUBE BUNDLE HEAT EXCHANGER OUTPUT

Primary (80-70)°C | Secondary (10-45)°C

Storage Volume <i>L</i>	Heating surface area <i>m²</i>	Capacity <i>kW</i>	Primary flow <i>L/h</i>	SECONDARY (DHW)		
				Continuous production <i>L/h</i>	Production first 10' <i>L</i>	Production first 60' <i>L</i>
1000	2,00	72	6175	3529	1588	4529
	2,00	72	6175			
1500	3,00	108	9263	5293	2382	6793
	3,00	108	9263			
2000	4,00	144	12350	7057	3176	9057
	4,00	144	12350			
2500	5,00	180	15438	8821	3970	11321
	5,00	180	15438			
3000	6,00	215	18525	10586	4764	13586
	6,00	215	18525			
4000	8,00	287	24700	14114	6352	18114
	8,00	287	24700			
5000	10,00	359	30870	17643	7940	22643
	10,00	359	30875			

Primary (70-60)°C | Secondary (10-45)°C

Storage Volume <i>L</i>	Heating surface area <i>m²</i>	Capacity <i>kW</i>	Primary flow <i>L/h</i>	SECONDARY (DHW)		
				Continuous production <i>L/h</i>	Production first 10' <i>L</i>	Production first 60' <i>L</i>
1000	2,00	52	4500	2571	1429	3571
	2,00	52	4500			
1500	3,00	78	6750	3857	2143	5357
	3,00	78	6750			
2000	4,00	105	9000	5143	2857	7143
	4,00	105	9000			
2500	5,00	131	11250	6429	3571	8929
	5,00	131	11250			
3000	6,00	157	13500	7714	4286	10714
	6,00	157	13500			
4000	8,00	209	18000	10286	5714	14286
	8,00	209	18000			
5000	10,00	262	22500	12857	7143	17857
	10,00	262	22500			

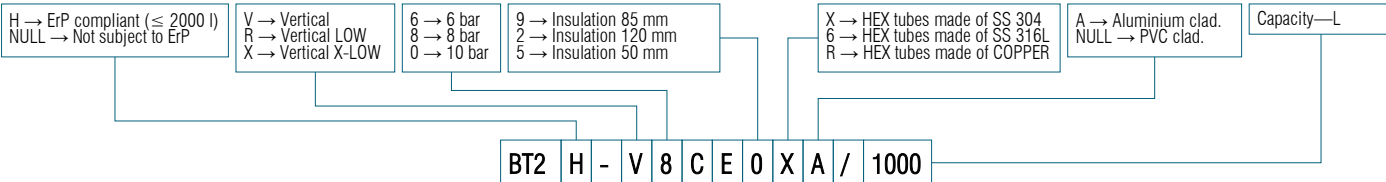
Primary (60-50)°C | Secondary(10-45)°C

Storage Volume <i>L</i>	Heating surface area <i>m²</i>	Capacity <i>kW</i>	Primary flow <i>L/h</i>	SECONDARY (DHW)		
				Continuous production <i>L/h</i>	Production first 10' <i>L</i>	Production first 60' <i>L</i>
1000	2,00	35	3025	1729	1288	2729
	2,00	35	3025			
1500	3,00	53	4538	2593	1932	4093
	3,00	53	4538			
2000	4,00	70	6050	3457	2576	5457
	4,00	70	6050			
2500	5,00	88	7563	4321	3220	6821
	5,00	88	7563			
3000	6,00	106	9075	5186	3864	8186
	6,00	106	9075			
4000	8,00	141	12100	6914	5152	10914
	8,00	141	12100			
5000	10,00	176	15125	8643	6440	13643
	10,00	176	15125			

Primary (55-45)°C | Secondary (10-45)°C

Storage Volume <i>L</i>	Heating surface area <i>m²</i>	Capacity <i>kW</i>	Primary flow <i>L/h</i>	SECONDARY (DHW)		
				Continuous production <i>L/h</i>	Production first 10' <i>L</i>	Production first 60' <i>L</i>
1000	2,00	21	1800	1029	1171	2029
	2,00	21	1800			
1500	3,00	31	2700	1543	1757	3043
	3,00	31	2700			
2000	4,00	42	3600	2057	2343	4057
	4,00	42	3600			
2500	5,00	52	4500	2571	2929	5071
	5,00	52	4500			
3000	6,00	63	5400	3086	3514	6086
	6,00	63	5400			
4000	8,00	84	7200	4114	4686	8114
	8,00	84	7200			
5000	10,00	105	9000	5143	5857	10143
	10,00	105	9000			

HOW TO ORDER



ACCESSORIES & SPARE PARTS

ITEM

PART NO.

THERMOMETER Ø65 mm | L=150 mm | (0÷120)°C *TERMOMETRO-D65_L*

THERMOMETER Ø100 mm | L=150 mm | (0÷120)°C *TERMOMETRO-D100*

SENSOR SOCKET Ø½" | L=150 mm | Ø_{int} 10 mm *POZZETTO_L*

THERMOSTAT Ø½" (0÷90)°C *TERMOSTATO*

ELECTRONIC ANODE KIT 1000 L *ANODE012X430_P*

ELECTRONIC ANODE KIT 1500÷5000 L *ANODE012X430X2_P*


THERMOMETER



SENSOR SOCKET



THERMOSTAT



ELECTRONIC ANODE

1-3 PHASE IMMERSION ELECTRIC HEATER - STAINLESS STEEL 316I / INCOLOY TUBES
Threaded plug 2" | Aluminium box IP55 | V230/400

Capacity	Capacity/L matching	Lenght	1-THERMOSTAT Temperature regulation only	2-THERMOSTAT Temp. regulation & overheating protection
Watt	L	mm	PART NO.	PART NO.
2000	1000÷5000	280	RES020-200-L280-6-M	RES020-200-L280-6-B
3000	1000÷5000	380	RES030-200-L380-6-M	RES030-200-L380-6-B
5000	1000÷5000	500	RES050-200-L500-6-M	RES050-200-L500-6-B
6000	1000÷5000	600	RES060-200-L600-6-M	RES060-200-L600-6-B
9000	1000÷5000	680	RES090-200-L680-I-M	RES090-200-L680-I-B
10000	1000÷5000	680	RES100-200-L680-I-M	RES100-200-L680-I-B
12000	1000÷5000	820	RES120-200-L820-I-M	RES120-200-L820-I-B



PRIMARY CHESTS AND SEALING GASKETS

Diameter Internal×External mm	Capacity L	Primary chest made of galvanized steel Part. No.	EPDM gasket without cross bar Part. No.	EPDM gasket with cross bar Part. No.
300×380	1000÷3000	TESTA380X300X5-Z	GUGOMEPM380X300ST	GUGOMEPM380X300CT
350×430	4000-5000	TESTA430X350X5-Z	GUGOMEPM430X350ST	GUGOMEPM430X350CT

TUBE BUNDLE HEAT EXCHANGERS

Heating surface area m ²	Dimensions D L mm mm	Stainless Steel AISI 304 tubes & CERAMFLON enamelled steel plate Part. No.	Stainless Steel AISI 316L tubes & CERAMFLON enamelled steel plate Part. No.	COPPER tubes & CERAMFLON enamelled steel plate Part. No.
2,00	380 594	SFX4020D380-S	SFX6020D380-S	SFRA020D380-S
3,00	380 718	SFX4030D380-S	SFX6030D380-S	SFRA030D380-S
4,00	380 850	SFX4040D380-S	SFX6040D380-S	SFRA040D380-S
5,00	380 1050	SFX4050D380-S	SFX6050D380-S	SFRA050D380-S
6,00	380 1250	SFX4060D380-S	SFX6060D380-S	SFRA060D380-S
8,00	430 1250	SFX4080D430-S	SFX6080D430-S	SFRA080D430-S
10,00	430 1510	SFX4100D430-S	SFX6100D430-S	SFRA100D430-S



This page is left intentionally blank.

PROTECTIVE TREATMENTS FOR CARBON STEEL TANKS

CERAMFLON enamelling

The "CERAMFLON" anti-corrosion treatment is an innovative system for the protection of the metallic walls which has been introduced by the recent developments in the studies on resins, guaranteeing hygiene and many other qualities:

- it is inert and insensitive corrosion thanks to its considerable resistance to ageing;
- it is water-repellent and impermeable to steam and moisture;
- it has a practically zero absorption of humidity and the stability is maintained both at high and low temperatures, so they can withstand even very high thermal excursions;
- it has a high impact resistance and a very low friction coefficient, which avoids large and hazardous adherence phenomena which, in the majority of cases, can be attributed to limescale;
- it has a low dielectric constant which is maintained at variations in operating temperatures.

The application of the resins using triboelectric guns, carried out after careful cleaning of the support, is consolidated on the product after baking in an oven at 200°C.

CATHODIC PROTECTION

The corrosion of a metal structure occurs mainly in areas in which there is the passage of current (oxidation-reduction process) from the structure towards the outside (water or gas) causing a dissolution of the structure itself.

Cathodic protection by means of magnesium anodes.

The application of sacrificial magnesium anodes is a simple and economic method to obtain a cathodic protection. The sacrificial anode creates a situation similar to an electric battery, where the electrodes are represented by the anode and the metal structure to be protected.

Since the magnesium has a dissolution voltage which is much higher than that of other metals, the corrosion will only affect the anode, which will dissolve slowly, to the advantage of the metal structure to be protected.

Given the importance of the protection of the metal against corrosion, the wear of the anode is systematically controlled and it is immediately replaced if consumed.



Cathodic protection by means of electronic impressed current system.

As an alternative to the galvanic system (coupling of materials with different potentials) there is a protection method which consists in applying an equal and opposite continuous current to the metallic structure to be protected, neutralising the voltages formed inside the tank.

Thanks to the modern techniques there is an innovative electronic system of cathodic protection with continuous impressed current.

The main advantages are:

- active protection by means of impressed currents from the outside;
- excellent flexibility of operation in order to adhere to the changeable internal coating conditions and the mass of water;
- reduction of maintenance costs due to the permanent protection of the system.



INSULATION

Insulating material	Removable	Thickness	Density	Thermal conductivity coefficient at 45°C	Operating temperature	Fire reaction class Euroclass EN13501-1
PLF Polyester fibre	✓	50 mm	20 kg/m ³	$\lambda = 0,037 \text{ W/mK}$	Amb. / +99°C	B-s2, d0
PLFH High Density Polyester fibre	✓	120 mm	25 kg/m ³	$\lambda = 0,034 \text{ W/mK}$	Amb. / +99°C	B-s2, d0
Hard Polyurethane	✓	85 mm	40÷42 kg/m ³	$\lambda = 0,019 \text{ W/mK}$	Amb. / +99°C	F

PLFH / PLF – Polyester fibre

- 100% recyclable
- Environmental friendly
- Lightweight
- Self-supporting
- Fire-retardant
- Rot-proof
- Resistant to mould, bacteria or rodents
- Hypoallergenic
- Water repellent



The raw materials consist of polyester fibres and heat-bonded co-polyester fibres, coming mainly from the recycling of plastic bottles obtained from urban waste collection.

It does not contain substances harmful to humans, may be handled and installed in complete safety, does not release powder, is hypoallergenic and cannot be attacked by microorganisms, mould and insects.

PLFH/PLF is a heat insulating product considered environmentally sustainable, even though it is not of natural origin: it is in fact recyclable and the quantity of embodied energy necessary to obtain it is extremely low.

The composition of the polyester fibre makes it an insulating material with an extremely low heat dispersion and its characteristics remain unaltered over time as it is not affected by humidity and its compact, flexible and resistant original structure is not modified.

Thanks to its characteristics, PLFH/PLF is an insulating material with the highest performance characteristics, which allows the requirements set by the severest technical standards to be satisfied, guaranteeing the maximum environmental compatibility for its entire life cycle.

Hard foam Polyurethane

Thermal and anti-condensation insulation made of hard closed cell polyurethane foam (PU), free from CFC and HCFC.

It is available in various thickness and can be injected directly to the shell of the tank to prevent it from condensation and provide the lower thermal dispersion. For some sizes it is pre-formed into half-shells to ease the insulation removal in case the tank has to pass through narrow doors.

CLADDINGS



PVC

External cladding made of coloured PVC with hinge closing, suitable for installations in locations protected against adverse weather conditions. The standard colours of each product are indicated in their construction characteristics, but different colours can be requested for each model as shown in the following table.

In the personalised TLR storage tanks the choice of the alternative colour is free of cost and does not incur any surcharge.

ITEM

PART NUMBER

PVC COVER YELLOW RAL1023	COVER-RAL1023
PVC COVER ORANGE RAL2004	COVER-RAL2004
PVC COVER RED RAL3000	COVER-RAL3000
PVC COVER BLUE RAL5015	COVER-RAL5015
PVC COVER WHITE RAL9016	COVER-RAL9016
PVC COVER LIGHT GREY RAL7035	COVER-RAL7035
PVC COVER DARK GREY RAL7024	COVER-RAL7024
PVC COVER BLACK RAL9004	COVER-RAL9004



ALUMINIUM

External cladding made of embossed aluminium sheeting suitable also for outdoor installations. The insulations made with this type of cladding consist of panels joined together by means of rivets and extruded aluminium slats with an exclusive design, specifically designed to facilitate assembly even directly at the installation site.

The coverings and flange covers made of same material securely anchored to the insulation guarantee the same levels of quality in terms of duration and outside appearance and do not risk being damaged by the wind and adverse weather conditions.

www.pacetti.it



MADE IN ITALY

PACETTI S.r.l.

Via G. Marconi, 240/242

44122 - Ferrara - ITALY

Tel. +39 0532 774066

Fax +39 0532 773835

info@pacetti.it