

Electric Water Heaters - series C20 & C20B

OPTIONAL ACCESORIES



Digital kit digital Ref: 9006089



Electrical kit Ref: 9006057

Models 80 to 100 LT



Electrical kit Ref: 9006058

Models 125 to 740 LT

Up to 200Lt the same model is valid for wall mounting and floor standing.



DHW production using an external heat exchanger

Electrical Kit (optional):

Tanks from 125Lt to 740 Lt have an elliptical hole to which the electric switchboard may be fixed as back up heat or to ensure the production of DHW in the event of a failure in the primary source.

MODEL	REF.	LT	INSTALL	WALL MOUNT	S.STEEL LEG	FLOOR STAND	ELECTRICAL KIT
C20	1050020	80	Vertical/Horizontal	yes	-	yes	frontal
	1050021	100	Vertical/Horizontal	yes	-	yes	frontal
	1050022	125	Vertical/Horizontal	yes	-	yes	frontal
	1050023	150	Vertical/Horizontal	yes	-	yes	frontal
	1050024	200	Vertical/Horizontal	yes	-	yes	frontal
	1050025	250	Vertical	-	-	yes	frontal
	1050026	300	Vertical	-	-	yes	frontal
	1050027	500	Vertical	-	-	yes	frontal
	1050028	740	Vertical	-	yes	-	frontal
	1050029	1000	Vertical	-	yes	-	frontal
	1050030	1500	Vertical	-	yes	-	frontal
	1050031	2000	Vertical	-	yes	-	frontal
	1050032	2500	Vertical	-	yes	-	frontal
	1050033	3000	Vertical	-	yes	-	frontal
C20B	1050028B	750	Vertical	-	yes	-	frontal
	1050029B	1000	Vertical	-	yes	-	frontal
	1050030B	1500	Vertical	-	yes	-	frontal
	1050031B	2000	Vertical	-	yes	-	frontal
	1050032B	2500	Vertical	-	yes	-	frontal
	1050033B	3000	Vertical	-	yes	-	frontal

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KEY FEATURES

DUPLEX 2205

Manufactured in stainless steel quality Duplex 2205, the highest Quality.

Total resistance to corrosion.

PICKLING

Pickling and passivation by immersion which allows a **perfect treatment** of the welds on the tank in the face both internal and external.



MAINTENANCE FREE

The high quality of material we use does not require any maintenance

It does not need any type of cathode protection.

TIG WELDING

The **highest accuracy** in welding, to avoid the presence of pores.

ISOLATION

Thermal insulation in polyurethane foam injected CFC-free, ensuring compliance with the new **ERP Directive**

DHW Tank C20 Y C20B

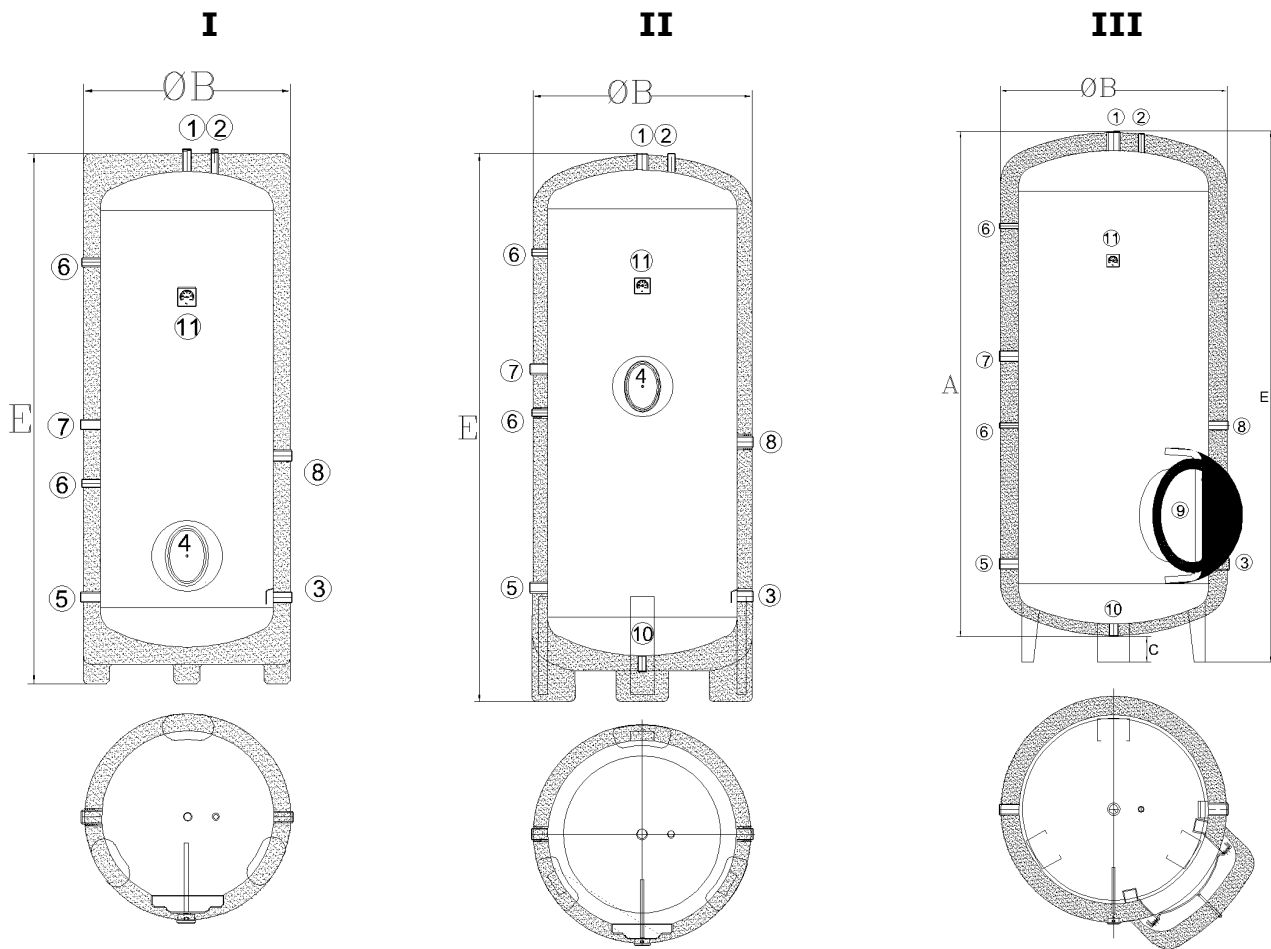
Maximum operating pressure 8 bar - temperature 5° to 90°C

Manufacturing and materials are 100% European

Manufactured according to Directive 2014/68/UE and Standard EN13445

Manufactured according to Directives ErP 2009/125 CE and ELD 2010/30/UE

Dimensions



MODEL	REFERENCE	Energy class	LT	Dimensions (mm)				
				A	ØB	C	D	E
C20	I	1050020	C	80	430		540	980
	I	1050021	C	100	430		740	1170
	I	1050022	C	125	510		590	1055
	I	1050023	C	150	530		740	1245
	I	1050024	C	200	600		740	1300
	I	1050025	C	250	600			1550
	I	1050026	C	300	600			1830
	II	1050027	C	500				1880
	II	1050028		740	1740	980	110	1850
	III	1050028B		750	1740	980	110	1850
	III	1050029B		1000	2190	980	110	2300
	III	1050030B		1500	2490	1110	110	2600
	III	1050031B		2000	2290	1360	110	2400
	III	1050032B		2500	2790	1360	110	2900
	III	1050033B		3000	3190	1360	110	3300

Energy class A available. Information on request

Connections

1. Hot Water outlet
2. Safety valve connection
3. Cold Water inlet
4. Registry opening-Optional electric kit
5. Inlet external heat exchanger
6. Temperature sensor connection
7. Outlet external heat exchanger
8. Recirculation (Starting at 250Lt)
9. Manhole (from 750 L)
10. Drain(starting at 500 L)
11. Thermometer

MOD	REF	LT	Connections									
			1	2	3	4	5	6	7	8	9	10
C20	1050020	80	3/4"	1/2"	3/4"	1 1/4"	3/4"	1/2"	3/4"	3/4"		
	1050021	100	3/4"	1/2"	3/4"	1 1/4"	3/4"	1/2"	3/4"	3/4"		
	1050022	125	3/4"	1/2"	3/4"	Elip. 150x100	3/4"	1/2"	3/4"	3/4"		
	1050023	150	3/4"	1/2"	3/4"	Elip. 150x100	3/4"	1/2"	3/4"	3/4"		
	1050024	200	3/4"	1/2"	3/4"	Elip. 150x100	3/4"	1/2"	3/4"	3/4"		
	1050025	250	3/4"	1/2"	3/4"	Elip. 150x100	3/4"	1/2"	3/4"	3/4"		
	1050026	300	1"	1/2"	1"	Elip. 150x100	1"	1/2"	1"	1"		
	1050027	500	1"	1/2"	1"	Elip. 150x100	1"	1/2"	1"	1"		3/4"
	1050028	740	1 1/4"	1/2"	1 1/4"	Elip. 150x100	1 1/4"	1/2"	1 1/4"	1"		1"
	1050028B	750	1 1/4"	1/2"	1 1/4"		1 1/4"	1/2"	1 1/4"	1"	øint 400	1"
	1050029B	1000	1 1/2"	1/2"	1 1/2"		1 1/4"	1/2"	1 1/4"	1"	øint 400	1"
	1050030B	1500	2"	1/2"	2"		1 1/4"	1/2"	1 1/4"	1"	øint 400	1"
	1050031B	2000	2"	1/2"	2"		1 1/4"	1/2"	1 1/4"	1"	øint 400	1 1/4"
1050032B	2500	2"	1/2"	2"		1 1/4"	1/2"	1 1/4"	1"	øint 400	1 1/4"	
1050033B	3000	2"	1/2"	2"		1 1/4"	1/2"	1 1/4"	1"	øint 400	1 1/4"	

Thermal characteristics

Tank	Energy class	Volume	Maximum pressure (tank)	Maximum operating temperature	Net weight
		L	bar	°C	
C20-80	C	80	8	90	18
C20-100	C	100	8	90	21
C20-125	C	125	8	90	23
C20-150	C	150	8	90	32
C20-200	C	200	8	90	40
C20-250	C	250	8	90	53
C20-300	C	300	8	90	73
C20-500	C	500	8	90	92
C20-740		740	8	90	129
C20-750		750	8	90	149
C20-1000		1000	8	90	161
C20-1500		1500	8	90	249
C20-2000		2000	8	90	413
C20-2500		2500	8	90	490
C20-3000		3000	8	90	538

Warm up time (min)

<i>Supplied energy (KW)</i>	5	10	15	25	35	50	75	100	150	200
C20-80	56	28	19	-	-	-	-	-	-	-
C20-100	70	35	23	-	-	-	-	-	-	-
C20-125	87	44	29	17	-	-	-	-	-	-
C20-150	105	52	35	21	-	-	-	-	-	-
C20-200	-	70	46	28	20	-	-	-	-	-
C20-250	-	87	58	35	25	-	-	-	-	-
C20-300	-	105	70	42	30	21	-	-	-	-
C20-500	-	-	116	70	50	35	23	-	-	-
C20-740	-	-	-	103	74	52	34	26	-	-
C20-750	-	-	-	105	75	52	35	26	-	-
C20-1000	-	-	-	-	100	70	46	35	23	-
C20-1500	-	-	-	-	-	105	70	52	35	26
C20-2000	-	-	-	-	-	-	93	70	46	35
C20-2500	-	-	-	-	-	-	-	87	58	44
C20-3000	-	-	-	-	-	-	-	105	70	52

1kW=860kcal/hour