



COMBI QUICK STANDARD

MULTY ENERGY BUFFER TANKS WITH CORRUGATED STAINLESS STEEL HEAT EXCHANGER FOR DHW PRODUCTION

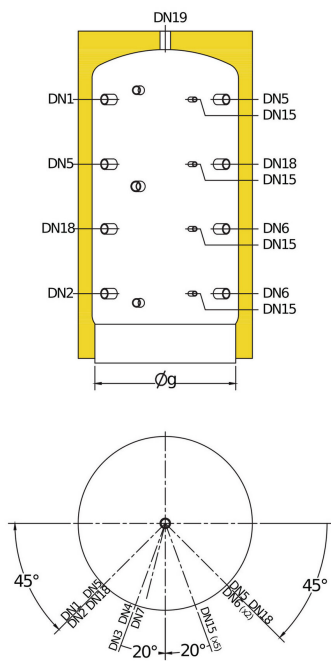
451 - 1.845 litres

Installations

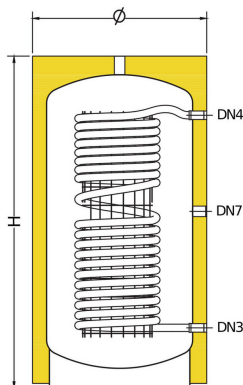
Traditional boilers (wall-hung and/or floor-standing).
Condensing boilers.

MAX TEMPERATURE	95 °C	MAX PRESSURE (mod. 300 - 1000)	8 bar
EXCHANGER MAX TEMPERATURE	110 °C	MAX PRESSURE (mod. 1500 - 2000)	3 bar
INOX EXCHANGER MAX TEMPERATURE (DHW)	95 °C	EXCHANGER MAX PRESSURE	12 bar
		INOX EXCHANGER MAX PRESSURE (DHW)	6 bar

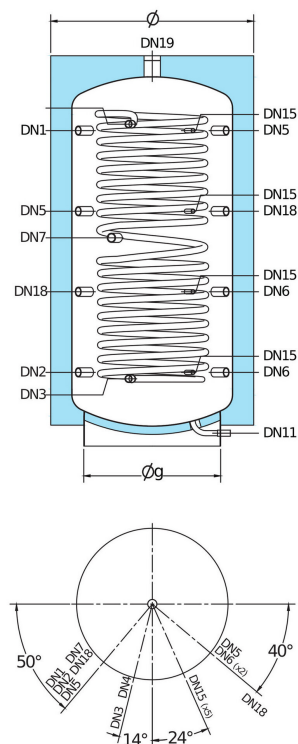
CQS 500 - 1000



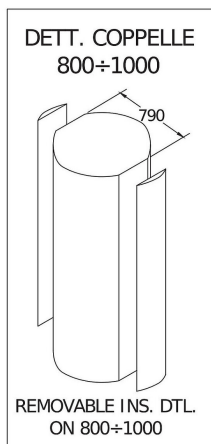
CQS 500 - 1000



CQS 1500 - 2000



MOD. 800 - 1000 CUPS



Keyword

DN	Description
DN1	Inlet from boiler
DN2	Return to boiler
DN3	Mains water supply
DN4	DHW draw-off
DN5	To heating system
DN6	From heating system
DN7	Predisposition for immersion heater
DN11	Drain
DN15	Probe
DN18	Auxiliary connection
DN19	Auxiliary connection
DN21	Inlet from integration
DN22	Return to integration

Model	Code	Energy label	St. loss W	Cap. L	T _{MAX}	EXCHANGER SAN.		H mm	Øg mm	Ø mm	Pm mm
						m ²	l				
CQS-300	A3S0L51 PGP75	B	67	260	95°C	4.5	23	1670	460	650	1800
CQS-500	A3S0E55 PGP55	C	89	451	95°C	5.3	27	1735	600	760	1900
CQS-600	A3S0E57 PGP55	C	94	533	95°C	5.3	27	1930	600	760	2080
CQS-800	A3W0E60 PGP75	C	127	688	95°C	6	30	1815	760	940	2050
CQS-1000	A3W0E62 PGP75	C	132	802	95°C	7.5	38	2065	760	940	2270
CQS-1500	A3W0E67 GW4A5	C	163	1525	95°C	10	50	2440	850	1270	2760
CQS-2000	A3W0E70 GW4A5	C	174	1845	95°C	10	50	2470	950	1370	2830

Pm: pivot measurement

Connection heights (mm)

MODEL	DN1	DN2	DN3	DN4	DN5	DN5	DN6	DN6	DN7	DN11	DN15	DN15	DN15	DN15	DN18	DN18	DN19	DN21	DN22
CQS-300	1335	285	245	1385	1335	985	635	285	950	-	1335	285	985	635	985	635	-	-	-
CQS-500	1400	270	270	1410	1400	1025	645	270	950	-	1400	270	1025	645	1025	645	-	-	-
CQS-600	1650	270	270	1650	1650	1190	730	270	950	-	1650	270	1190	730	1190	730	-	-	-
CQS-800	1425	375	325	1475	1425	1075	725	375	955	-	1425	375	1075	725	1075	725	-	-	-
CQS-1000	1675	375	325	1725	1675	1245	705	375	1110	-	1675	375	1245	705	1245	705	-	-	-
CQS-1500	1955	455	415	1995	1955	1455	955	455	1290	80	1955	455	1455	955	1455	955	-	-	-
CQS-2000	1975	475	435	2015	1975	1475	975	475	1310	80	1975	475	1475	975	1475	975	-	-	-

Connection sizes

MODEL	DN1	DN2	DN3	DN4	DN5	DN6	DN7	DN11	DN15	DN18	DN19	DN21	DN22
CQS-300	G1.1/2"	G1.1/2"	G1"	G1"	G1.1/2"	G1.1/2"	G1.1/2"	-	G1/2"	G1.1/2"	G1.1/4"	-	-
CQS-500	G1.1/2"	G1.1/2"	G1"	G1"	G1.1/2"	G1.1/2"	G1.1/2"	-	G1/2"	G1.1/2"	G1.1/4"	-	-
CQS-600	G1.1/4"	G1.1/2"	G1"	G1"	G1.1/2"	G1.1/2"	G1.1/2"	-	G1/2"	G1.1/2"	G1.1/4"	-	-
CQS-800	G1.1/4"	G1.1/2"	G1.1/4"	G1.1/4"	G1.1/2"	G1.1/2"	G1.1/2"	-	G1/2"	G1.1/2"	G1.1/2"	-	-
CQS-1000	G1.1/2"	G1.1/2"	G1.1/4"	G1.1/4"	G1.1/2"	G1.1/2"	G1.1/2"	-	G1/2"	G1.1/2"	G1.1/2"	-	-
CQS-1500	G1.1/2"	G1.1/2"	G1.1/4"	G1.1/4"	G1.1/2"	G1.1/2"	G1.1/2"	G1"	G1/2"	G1.1/2"	G3"	-	-
CQS-2000	G1.1/2"	G1.1/2"	G1.1/4"	G1.1/4"	G1.1/2"	G1.1/2"	G1.1/2"	G1"	G1/2"	G1.1/2"	G3"	-	-

Insulation characteristics

Model	Insulation type	Thickness (mm)	Finish
CQS-300	Rigid expanded polyurethane with 95% closed cells, CFC and HCFC free, fire resistance class B2 acc. to DIN 4102-1	50	Grey polystyrene RAL 9006
CQS-500	Rigid expanded polyurethane with 95% closed cells, CFC and HCFC free, fire resistance class B2 acc. to DIN 4102-1	50	Grey polystyrene RAL 9006
CQS-600	Rigid expanded polyurethane with 95% closed cells, CFC and HCFC free, fire resistance class B2 acc. to DIN 4102-1	50	Grey polystyrene RAL 9006
CQS-800	Rigid expanded polyurethane with 95% closed cells, CFC and HCFC free, fire resistance class B2 acc. to DIN 4102-1	75	Grey PVC RAL 9006
CQS-1000	Rigid expanded polyurethane with 95% closed cells, CFC and HCFC free, fire resistance class B2 acc. to DIN 4102-1	75	Grey PVC RAL 9006
CQS-1500	100% recyclable polyester fibre, fire resistance class B1 acc. to DIN 4102-1	130	Grey PVC RAL 9006
CQS-2000	100% recyclable polyester fibre, fire resistance class B1 acc. to DIN 4102-1	130	Grey PVC RAL 9006

Reference standards

Directive 2014/68/EU – ART. 4.3, with exemption from CE marking.

EN 12897:2020 standard.

Designed and built in accordance with the requirements of 2009/125/EC and Regulation 814/2013 (EU).

Labeling in accordance with the requirements of 2017/1369/EU and Delegated Regulation 812/2013 (EU).

Warranty: 2 years

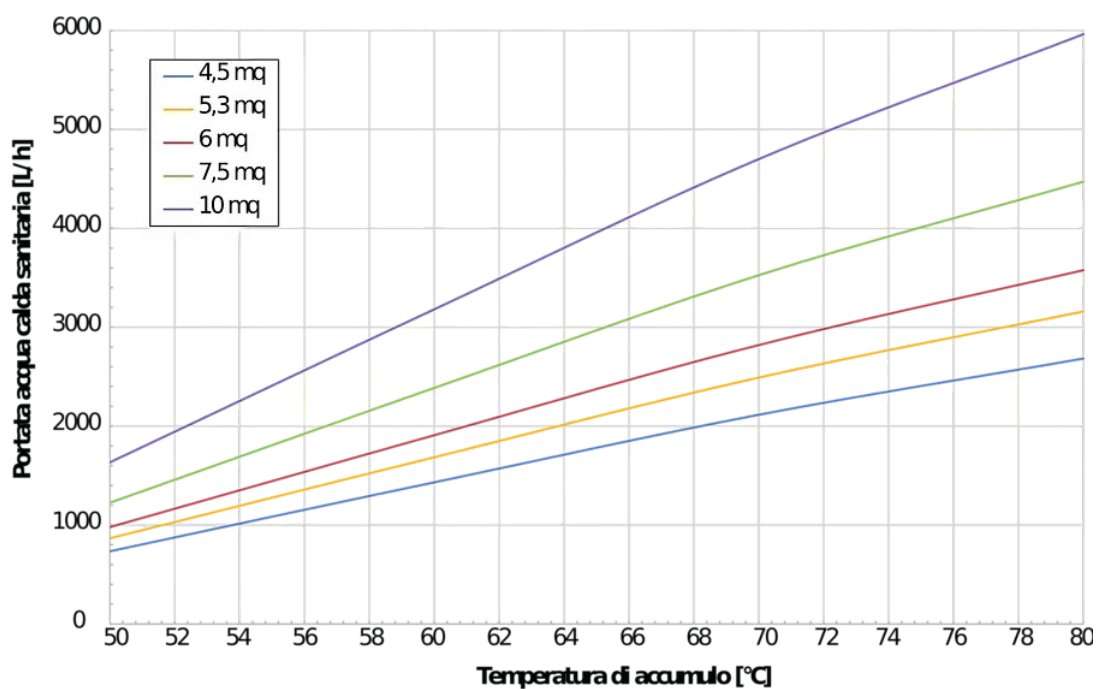
Immersion heaters

Code	Power Kw	Source V	Connection	Length mm	300	500	600	Applicable to 800	1000	1500	2000
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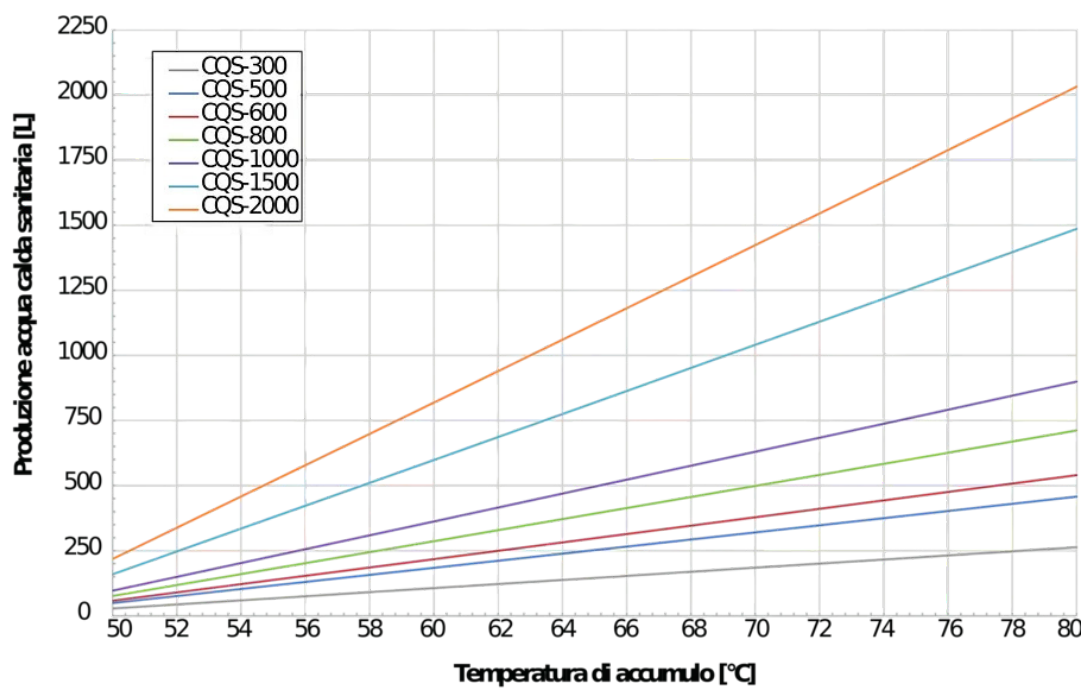
Code	Power Kw	Source V	Connection	Length mm	Applicable to							
					300	500	600	800	1000	1500	2000	
IMMERSION HEATERS WITHOUT THERMOSTAT												
8601000	1	230	G1.1/4"	295	✓	✓	✓	✓	✓	✓	✓	
8601650	1.65	230	G1.1/4"	450	330	✓	✓	✓	✓	✓	✓	
8602000	2	230	G1.1/4"	515	✗	✓	✓	✓	✓	✓	✓	
8602600	2.6	230	G1.1/4"	675	✗	✗	✗	✓	✓	✓	✓	
8602601	2.6	230	G1.1/4"	360	210	✓	✓	✓	✓	✓	✓	
8603300	3.3	230	G1.1/4"	825	✗	✗	✗	✗	✗	✓	✓	
8603301	3.3	230	G1.1/4"	435	165	287	339	✓	✓	✓	✓	
8604001	4	230	G1.1/4"	510	✗	236	279	✓	✓	✓	✓	
8705000	5	400	G1.1/2"	445	109	189	224	✓	336	✓	✓	
8706000	6	400	G1.1/2"	510	✗	158	186	✓	280	✓	✓	
8708000	8	400	G1.1/2"	670	✗	✗	✗	✓	210	✓	✓	
8710000	10	400	G1.1/2"	820	✗	✗	✗	✗	✗	320	✓	
8712000	12	400	G1.1/2"	970	✗	✗	✗	✗	✗	266	322	
IMMERSION HEATERS WITH THERMOSTAT												
8T01500	1.5	230	G1.1/2"	320	✓	✓	✓	✓	✓	✓	✓	
8T02000	2	230	G1.1/2"	320	273	✓	✓	✓	✓	✓	✓	
8T02200	2.2	230	G1.1/2"	320	248	✓	✓	✓	✓	✓	✓	
8T02500	2.5	230	G1.1/2"	320	218	✓	✓	✓	✓	✓	✓	
8T03000	3	230	G1.1/2"	320	182	315	✓	✓	✓	✓	✓	
8T04000	4	400	G1.1/2"	400	136	236	279	✓	✓	✓	✓	
8T05000	5	400	G1.1/2"	500	✗	189	224	✓	336	✓	✓	
8T06000	6	400	G1.1/2"	600	✗	158	186	✓	280	✓	✓	
8T09000	9	400	G1.1/2"	700	✗	✗	✗	✓	187	355	✓	
8T12000	12	400	G1.1/2"	850	✗	✗	✗	✗	✗	266	322	

Typical performances

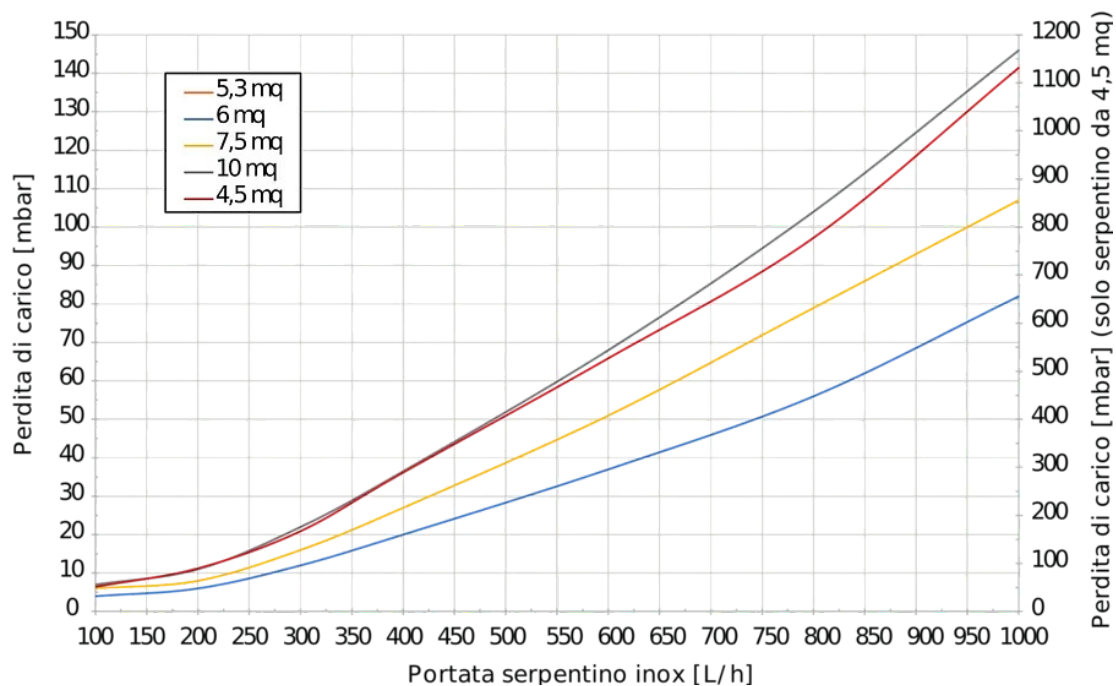
DHW Production



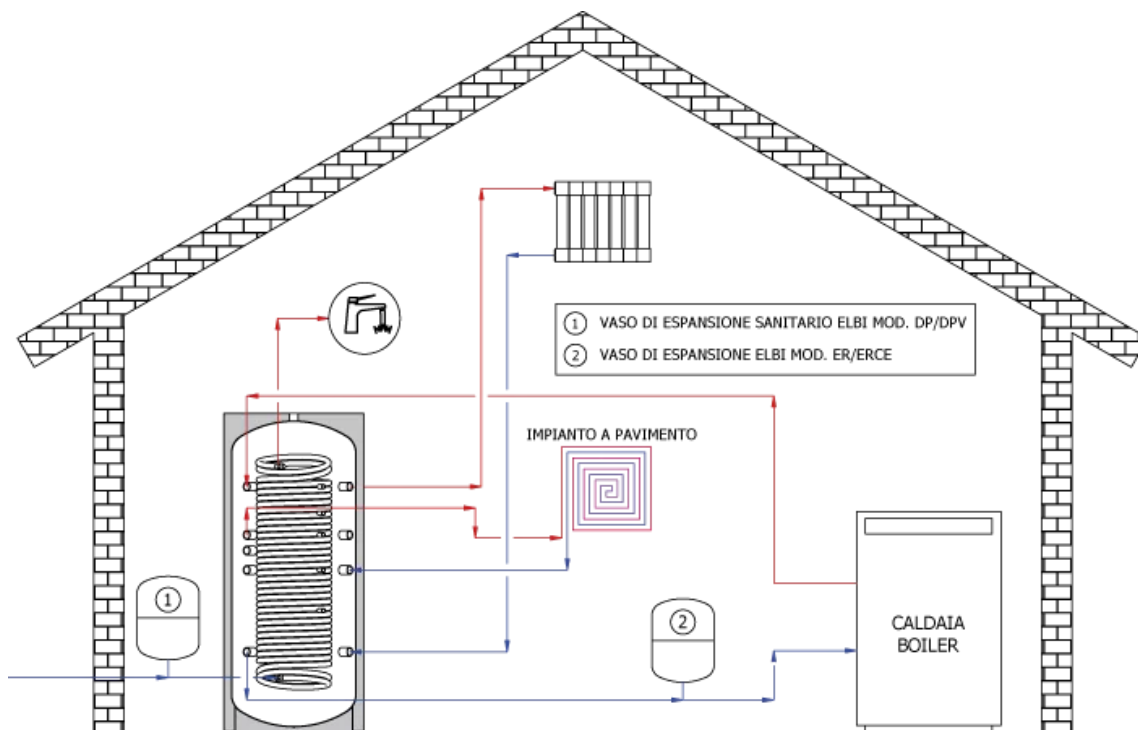
DHW producible volume



Coil pressure drop stainless steel exch.



Example of installation CQS



Illustrative diagram; always refer to a qualified technician for the realization of the systems.