



COMBI QUICK STANDARD

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

449 - 1.975 litres

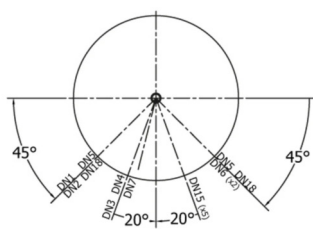
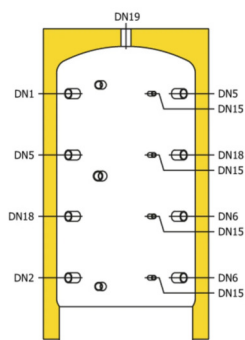
INSTALLATIONS

· traditional boilers (wall-hung and/or floor-standing) | · condensing boilers

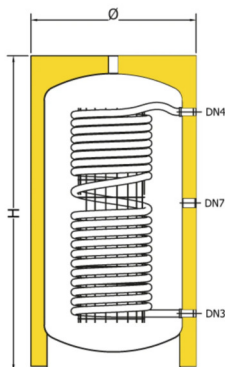
CHARACTERISTICS

MAX TEMPERATURE	95 °C	MAX PRESSURE (mod. 500 - 1000)	8 bar
EXCHANGER MAX TEMPERATURE	110 °C	MAX PRESSURE (mod. 1500 - 2000)	3 bar
INOX EXCHANGER MAX TEMPERATURE (ACS)	95 °C	EXCHANGER MAX PRESSURE	12 bar
		INOX EXCHANGER MAX PRESSURE (ACS)	6 bar

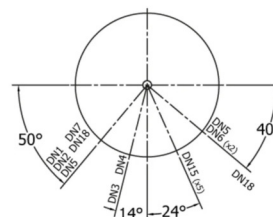
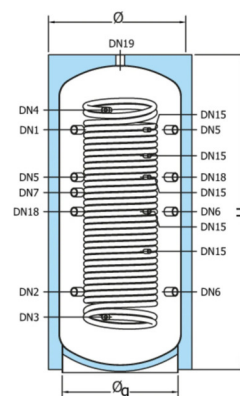
CQS 500 - 1000



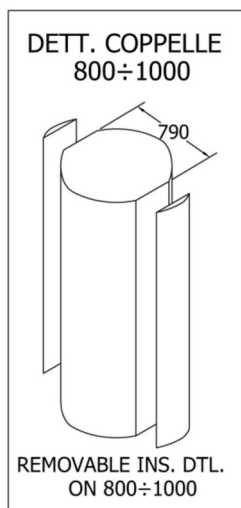
CQS 500 - 1000



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	Capacity L	EXCHANGER SAN.		H mm	Ø skirt mm	Ø mm	Pm mm
					m ²	l				
CQS-500	A3W0E55 PGP55	C	89	458	4	20	1735	600	760	1900
CQS-600	A3W0E57 PGP55	C	94	540	4	20	1930	600	760	2080
CQS-800	A3W0E60 PGP75	C	127	688	6	30	1815	760	940	2050
CQS-1000	A3W0E62 PGP75	C	132	802	7.5	38	2065	760	940	2270
CQS-1500	A3W0E67 GW4A5	C	163	1525	10	50	2440	850	1270	2760
CQS-2000	A3W0E70 GW4A5	C	174	1845	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-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	2020	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-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-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

CYLINDER: | 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

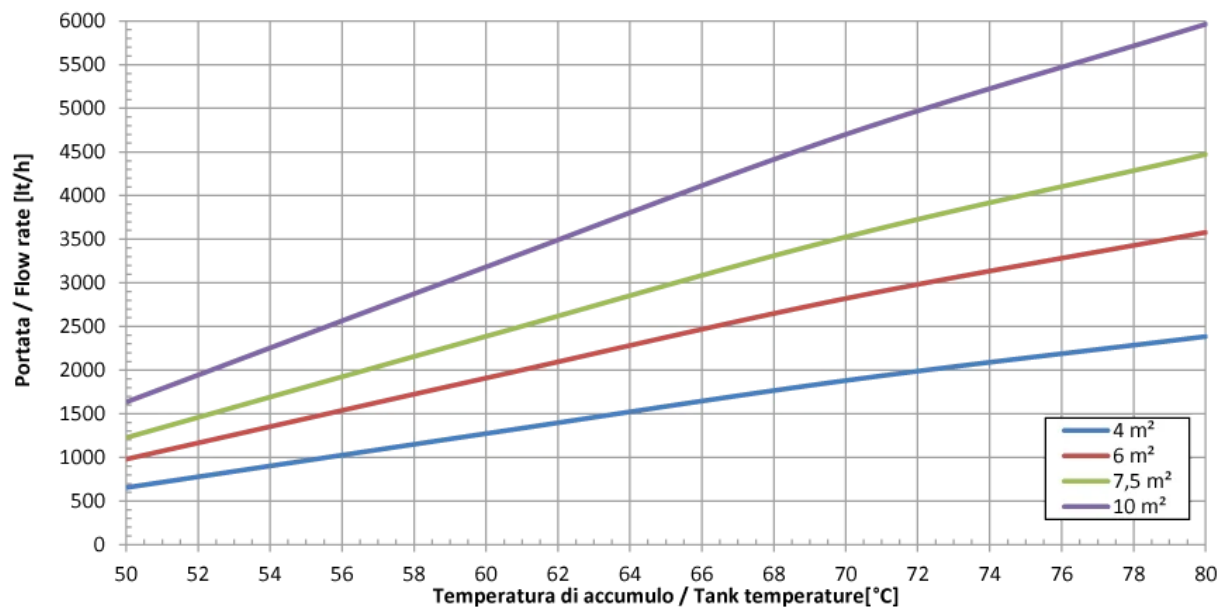
Immersion heaters

Code	Power	Source	Connection	Length	Applicable to					
					500	600	800	1000	1500	2000
IMMERSION HEATERS WITHOUT THERMOSTAT										
8601000	1	220	G1.1/4"	295	✓	✓	✓	✓	✓	✓
8601650	1.65	220	G1.1/4"	450	✓	✓	✓	✓	✓	✓
8602000	2	220	G1.1/4"	515	✓	✓	✓	✓	✓	✓
8602600	2.6	220	G1.1/4"	675	✗	✗	✓	✓	✓	✓
8602601	2.6	220	G1.1/4"	360	✓	✓	✓	✓	✓	✓
8603300	3.3	220	G1.1/4"	825	✗	✗	✗	✗	✓	✓
8603301	3.3	220	G1.1/4"	435	✓	✓	✓	✓	✓	✓
8604001	4	220	G1.1/4"	510	✓	✓	✓	✓	✓	✓
8705000	5	380	G1.1/2"	445	✓	✓	✓	✓	✓	✓
8706000	6	380	G1.1/2"	510	✓	✓	✓	✓	✓	✓
8708000	8	380	G1.1/2"	670	✗	✗	✓	✓	✓	✓
8710000	10	380	G1.1/2"	820	✗	✗	✗	✗	✓	✓
8712000	12	380	G1.1/2"	970	✗	✗	✗	✗	✓	✓
IMMERSION HEATERS WITH THERMOSTAT										
8T01500	1.5	230	G1.1/2"	320	✓	✓	✓	✓	✓	✓
8T02000	2	230	G1.1/2"	320	✓	✓	✓	✓	✓	✓
8T02200	2.2	230	G1.1/2"	320	✓	✓	✓	✓	✓	✓
8T02500	2.5	230	G1.1/2"	320	✓	✓	✓	✓	✓	✓
8T03000	3	230	G1.1/2"	320	✓	✓	✓	✓	✓	✓
8T04000	4	400	G1.1/2"	400	✓	✓	✓	✓	✓	✓
8T05000	5	400	G1.1/2"	500	✓	✓	✓	✓	✓	✓
8T06000	6	400	G1.1/2"	600	✓	✓	✓	✓	✓	✓
8T09000	9	400	G1.1/2"	700	✗	✗	✓	✓	✓	✓
8T12000	12	400	G1.1/2"	850	✗	✗	✗	✗	✓	✓

Typical performances

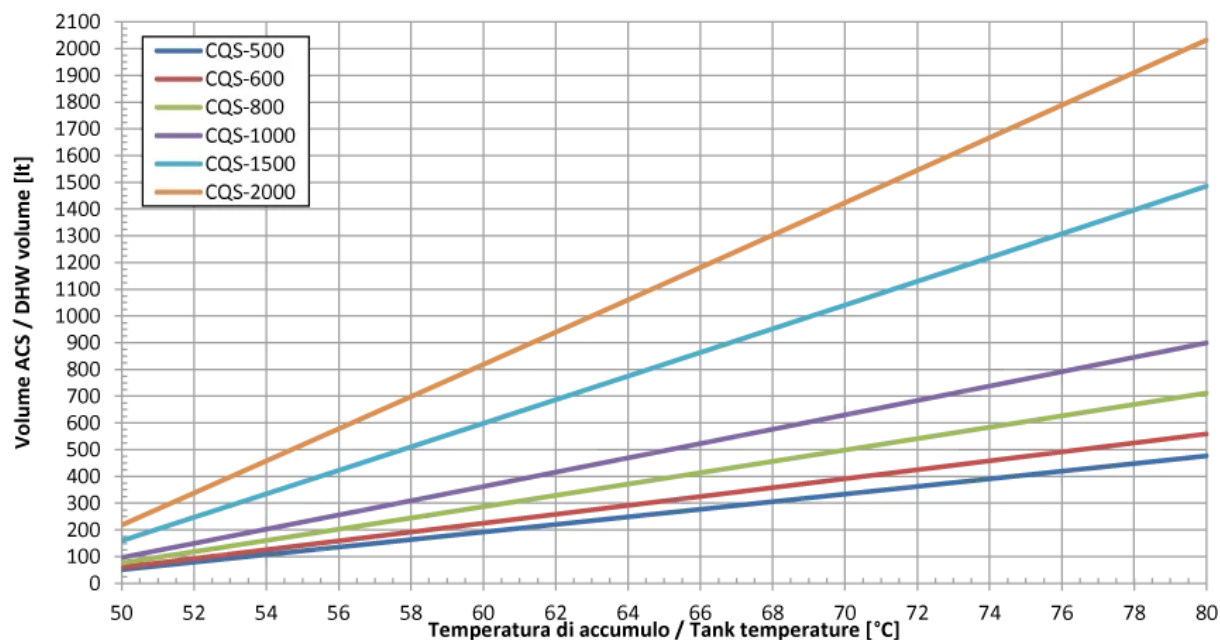
DHW Production

$T_{in,coil} = 10\text{ }^{\circ}\text{C}$, $T_{out,coil} = 45\text{ }^{\circ}\text{C}$



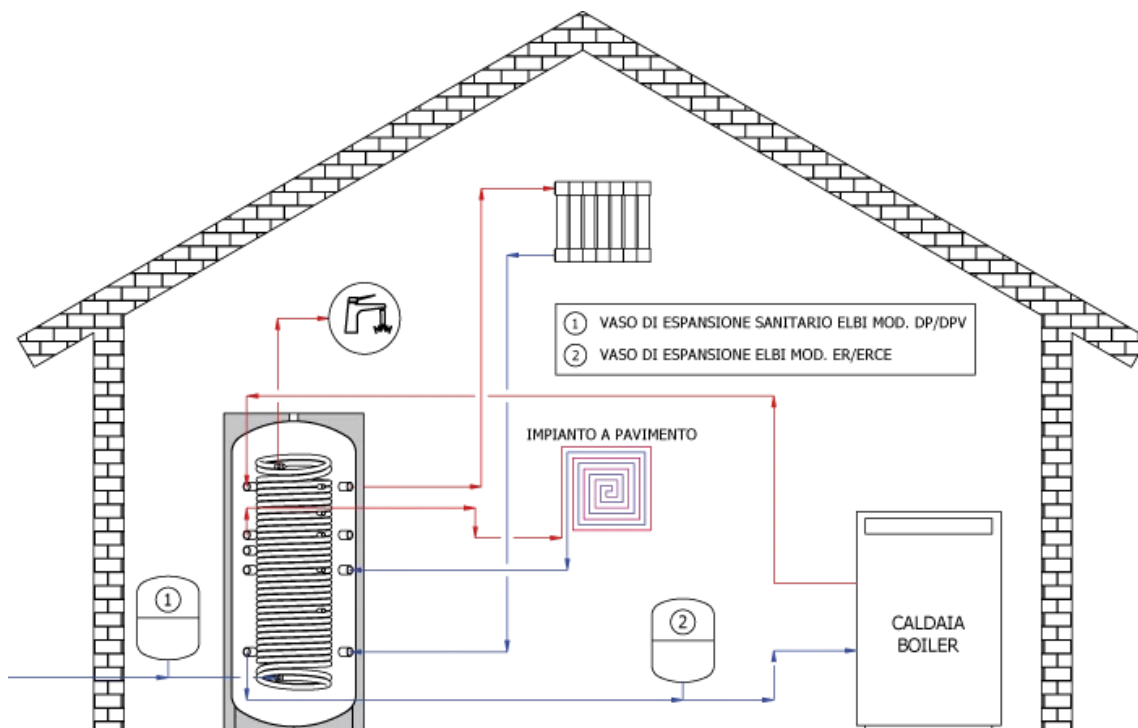
DHW producible volume

$T_{in,coil} = 10\text{ }^{\circ}\text{C}$, $T_{out,coil} = 45\text{ }^{\circ}\text{C}$



Example of installation

CQS



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

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