



COMBI QUICK TWIN

MULTY ENERGY BUFFER TANKS WITH CORRUGATED STAINLESS STEEL HEAT EXCHANGER FOR DHW PRODUCTION AND TWO ADDITIONAL EXCHANGERS

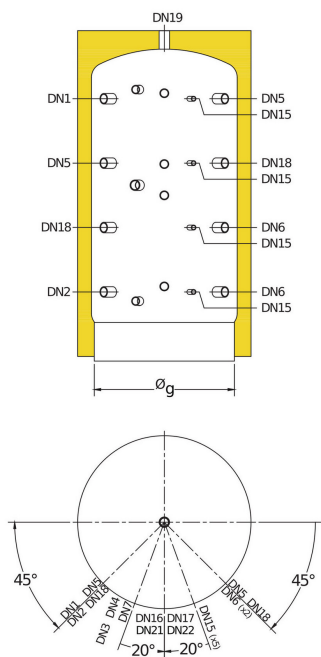
424 - 1.760 litres

Installations

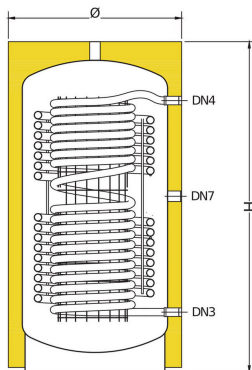
Traditional boilers (wall-hung and/or floor-standing).
Condensing boilers.
Solar thermal systems.
Biomass generators.

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

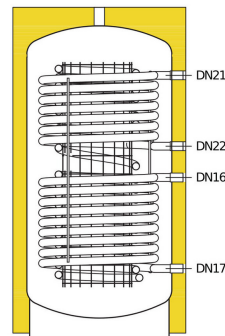
CQT 500 - 1000



CQT 500 - 1000

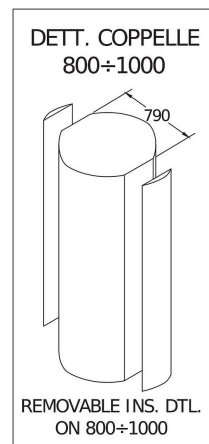
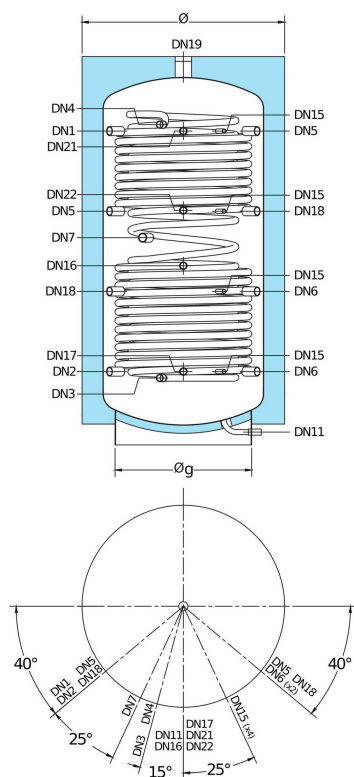


CQT 500 - 1000



CQT 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
DN16	Inlet from integration
DN17	Return to integration
DN18	Auxiliary connection
DN19	Auxiliary connection
DN21	Inlet from integration
DN22	Return to integration



TECHNICAL SHEET

AZIENDA CON
SISTEMA DI GESTIONE QUALITA'
CERTIFICATO DA DNV
ISO 9001

Model	Code	Energy label	St. loss W	Cap. L	T _{MAX}	EXCHANGER						H mm	Øg mm	Ø mm	Pm mm
						SAN.		LOW.		UPP.					
						m ²	l	m ²	l	m ²	l				
CQT-300	A3S2L51 PGP75	B	66	243	95°C	4.5	23	1.5	11	0.8	6	1670	460	650	1800
CQT-500	A3S2E55 PGP55	C	87	424	95°C	5.3	27	2.1	17	1.3	10	1735	600	760	1900
CQT-600	A3S2E57 PGP55	C	93	506	95°C	5.3	27	2.1	17	1.3	10	1930	600	760	2080
CQT-800	A3W2E60 PGP75	C	126	644	95°C	6	30	2.4	25	1.8	19	1815	760	940	2050
CQT-1000	A3W2E62 PGP75	C	129	745	95°C	7.5	38	3	32	2.4	25	2065	760	940	2270
CQT-1500	A3W2E67 GW4A5	C	163	1450	95°C	10	50	4.1	43	3	32	2440	850	1270	2760
CQT-2000	A3W2E70 GW4A5	C	174	1760	95°C	10	50	4.6	49	3.4	36	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	DN16	DN17	DN18	DN18	DN19	DN21	DN22
CQT-300	1335	285	245	1385	1335	985	635	285	950	-	1335	285	985	635	895	265	985	635	-	1355	995
CQT-500	1400	270	270	1410	1400	1025	645	270	950	-	1400	270	1025	645	875	290	1025	645	-	1380	1020
CQT-600	1650	270	270	1650	1650	1190	730	270	950	-	1650	270	1190	730	875	290	1190	730	-	1380	1020
CQT-800	1425	375	325	1475	1425	1075	725	375	955	-	1425	375	1075	725	870	375	1075	725	-	1425	1040
CQT-1000	1675	375	325	1725	1675	1245	705	375	1110	-	1675	375	1245	705	1035	375	1245	705	-	1675	1180
CQT-1500	1955	455	415	1995	1955	1455	955	455	1290	80	1955	455	1455	955	1115	455	1455	955	-	1955	1460
CQT-2000	1975	475	435	2015	1975	1475	975	475	1310	80	1975	475	1475	975	1135	475	1475	975	-	1965	1470

Connection sizes

MODEL	DN1	DN2	DN3	DN4	DN5	DN6	DN7	DN11	DN15	DN16	DN17	DN18	DN19	DN21	DN22
CQT-300	G1.1/2"	G1.1/2"	G1"	G1"	G1.1/2"	G1.1/2"	G1.1/2"	-	G1/2"	G1"	G1"	G1.1/2"	G1.1/4"	G1"	G1"
CQT-500	G1.1/2"	G1.1/2"	G1"	G1"	G1.1/2"	G1.1/2"	G1.1/2"	-	G1/2"	G1"	G1"	G1.1/2"	G1.1/4"	G1"	G1"
CQT-600	G1.1/4"	G1.1/2"	G1"	G1"	G1.1/2"	G1.1/2"	G1.1/2"	-	G1/2"	G1"	G1"	G1.1/2"	G1.1/4"	G1"	G1"
CQT-800	G1.1/4"	G1.1/2"	G1.1/4"	G1.1/4"	G1.1/2"	G1.1/2"	G1.1/2"	-	G1/2"	G1.1/4"	G1.1/4"	G1.1/2"	G1.1/2"	G1.1/4"	G1.1/4"
CQT-1000	G1.1/2"	G1.1/2"	G1.1/4"	G1.1/4"	G1.1/2"	G1.1/2"	G1.1/2"	-	G1/2"	G1.1/4"	G1.1/4"	G1.1/2"	G1.1/2"	G1.1/4"	G1.1/4"
CQT-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"	G1.1/4"	G1.1/4"	G1.1/2"	G3"	G1.1/4"	G1.1/4"
CQT-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"	G1.1/4"	G1.1/4"	G1.1/2"	G3"	G1.1/4"	G1.1/4"

Insulation characteristics

Model	Insulation type	Thickness (mm)	Finish
CQT-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
CQT-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
CQT-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
CQT-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
CQT-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
CQT-1500	100% recyclable polyester fibre	130	Grey PVC RAL 9006
CQT-2000	100% recyclable polyester fibre	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).

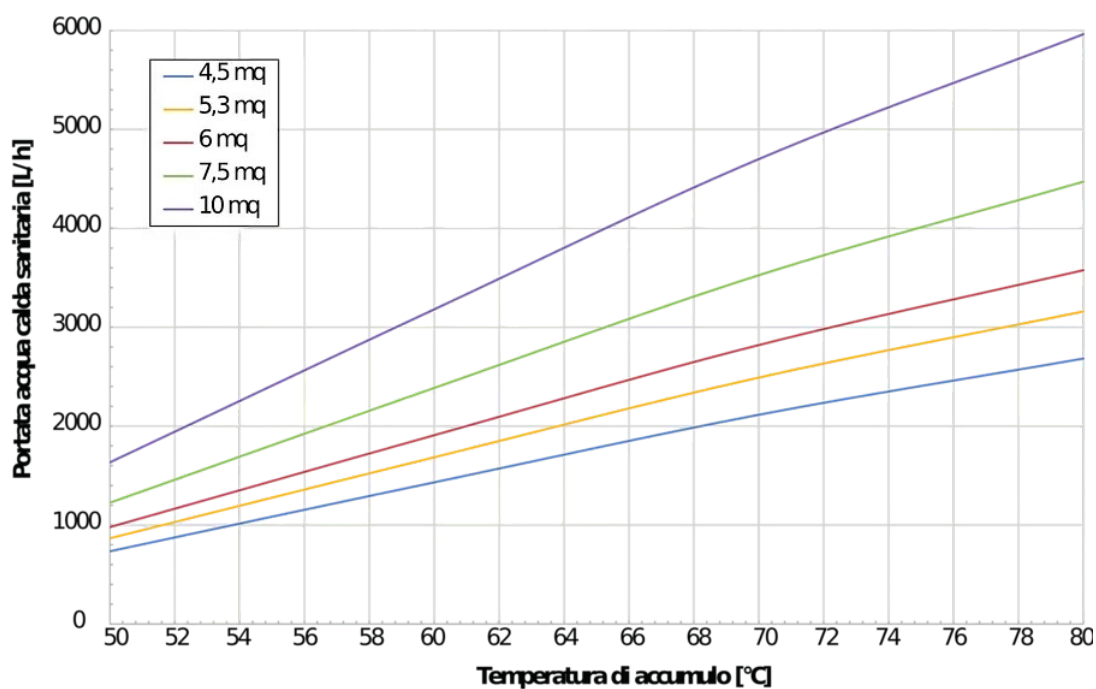
Warranty: 2 years

Immersion heaters

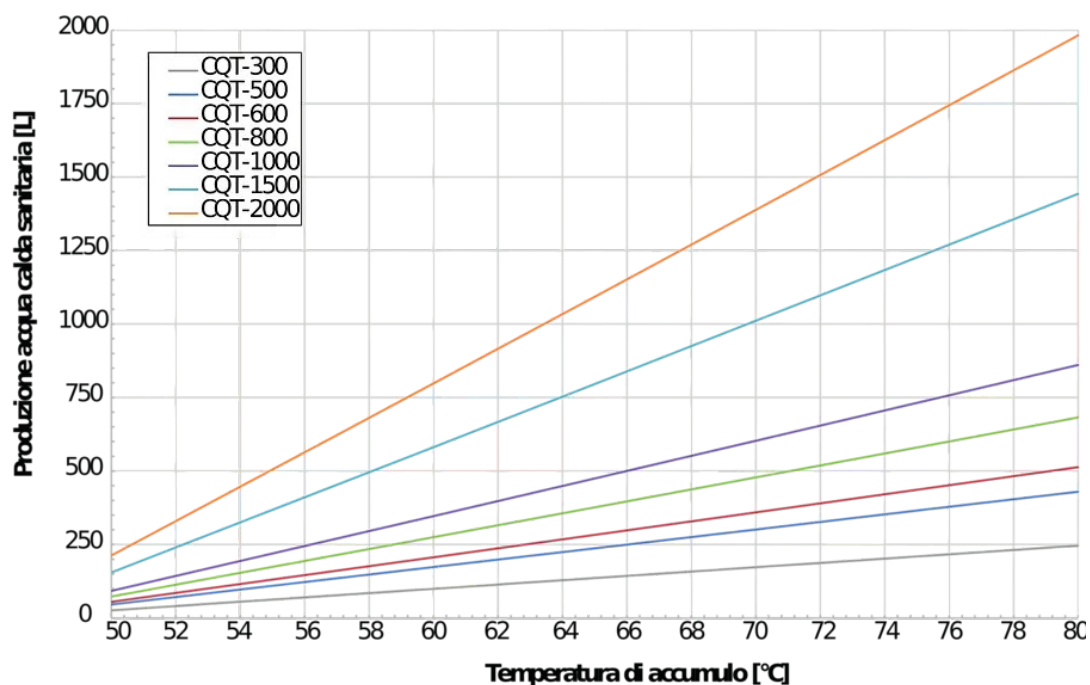
Code	Power Kw	Source V	Connection	Length mm	300	500	600	Applicable to 800	1000	1500	2000
IMMERSION HEATERS WITHOUT THERMOSTAT											
8601000	1	230	G1.1/4"	295	✓	✓	✓	✓	✓	✓	✓
8601650	1.65	230	G1.1/4"	450	309	✓	✓	✓	✓	✓	✓
8602000	2	230	G1.1/4"	515	✗	✓	✓	✓	✓	✓	✓
8602600	2.6	230	G1.1/4"	675	✗	✗	✗	✓	✓	✓	✓
8602601	2.6	230	G1.1/4"	360	196	342	✓	✓	✓	✓	✓
8603300	3.3	230	G1.1/4"	825	✗	✗	✗	✗	✗	✓	✓
8603301	3.3	230	G1.1/4"	435	154	269	322	✓	✓	✓	✓
8604001	4	230	G1.1/4"	510	✗	222	265	✓	✓	✓	✓
8705000	5	400	G1.1/2"	445	102	178	212	✓	312	✓	✓
8706000	6	400	G1.1/2"	510	✗	148	177	✓	260	✓	✓
8708000	8	400	G1.1/2"	670	✗	✗	✗	✓	195	✓	✓
8710000	10	400	G1.1/2"	820	✗	✗	✗	✗	✗	304	✓
8712000	12	400	G1.1/2"	970	✗	✗	✗	✗	✗	253	308
IMMERSION HEATERS WITH THERMOSTAT											
8T01500	1.5	230	G1.1/2"	320	340	✓	✓	✓	✓	✓	✓
8T02000	2	230	G1.1/2"	320	255	✓	✓	✓	✓	✓	✓
8T02200	2.2	230	G1.1/2"	320	232	✓	✓	✓	✓	✓	✓
8T02500	2.5	230	G1.1/2"	320	204	356	✓	✓	✓	✓	✓
8T03000	3	230	G1.1/2"	320	170	296	354	✓	✓	✓	✓
8T04000	4	400	G1.1/2"	400	127	222	265	✓	✓	✓	✓
8T05000	5	400	G1.1/2"	500	✗	178	212	✓	312	✓	✓
8T06000	6	400	G1.1/2"	600	✗	148	177	✓	260	✓	✓
8T09000	9	400	G1.1/2"	700	✗	✗	✗	✓	174	338	✓
8T12000	12	400	G1.1/2"	850	✗	✗	✗	✗	✗	253	308

Typical performances

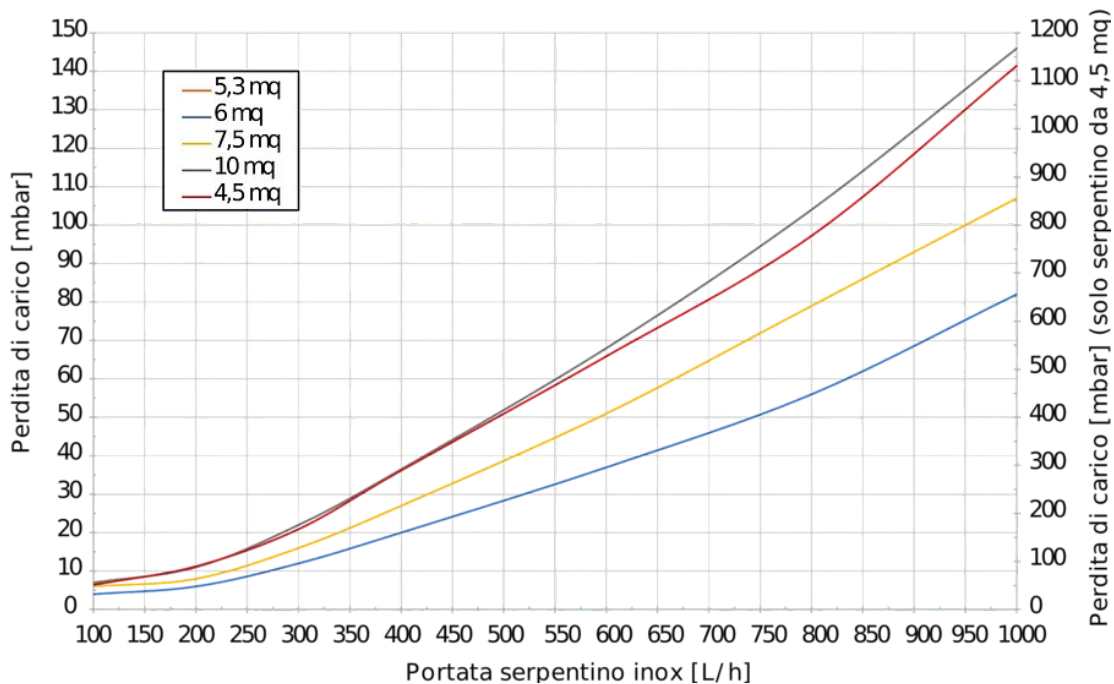
DHW Production



DHW producible volume

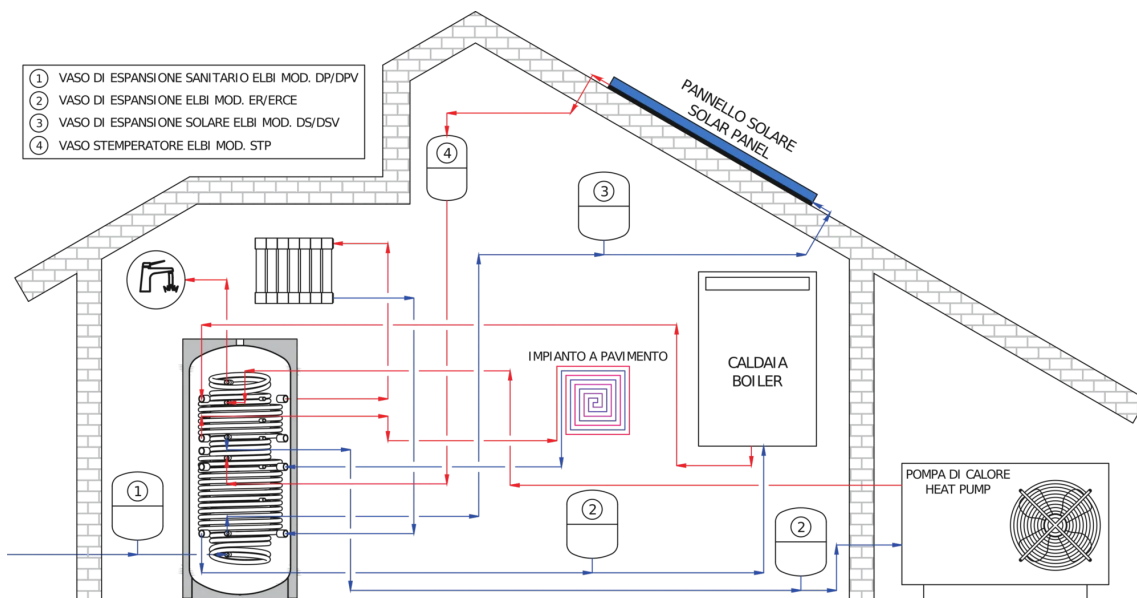


Coil pressure drop stainless steel exch.



Example of installation

CQT



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