



BXT

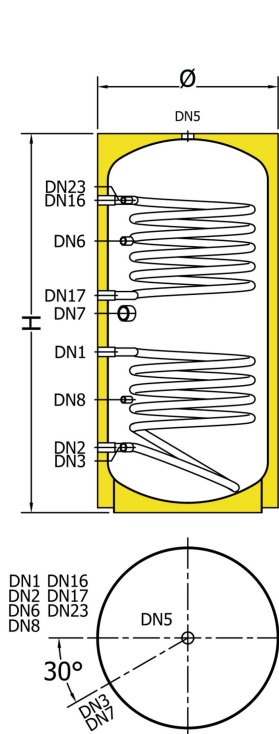
STAINLESS STEEL CYLINDER FOR SOLAR THERMAL USE WITH TWO FIXED HEAT EXCHANGERS

220 - 966 litres

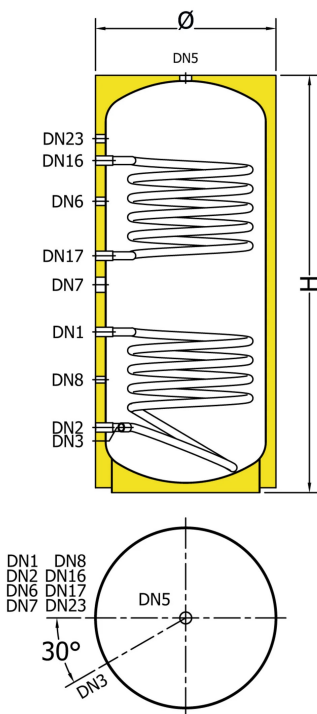
CHARACTERISTICS

MAX TEMPERATURE	95 °C	MAX PRESSURE	6 bar
EXCHANGER MAX TEMPERATURE	110 °C	EXCHANGER MAX PRESSURE	10 bar

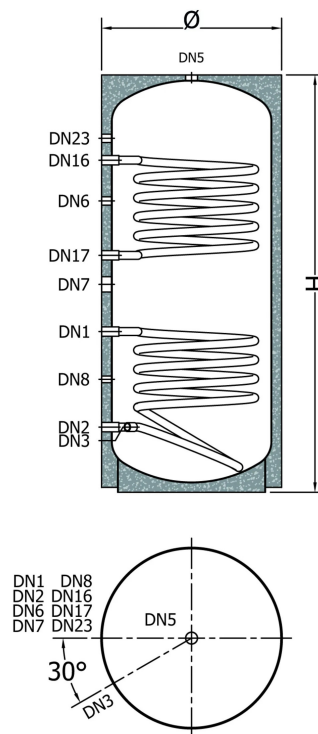
BXT 200



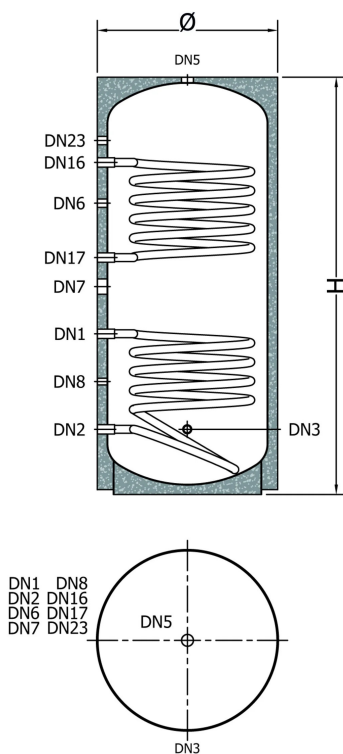
BXT 250 - 300



BXT 400 - 500



BXT 600 - 1000



Keyword

DN	Description
DN1	Inlet from solar panel
DN2	Return to solar panel
DN3	Mains water supply
DN5	DHW draw-off
DN6	Recirculation
DN7	Predisposition for immersion heater
DN8	Thermostat
DN11	Drain
DN16	Inlet from boiler
DN17	Return to boiler
DN23	Safety valve

Model	Code	Cl. Energ.	St. loss W	Capacity L	P _{MAX}	SCAMBIATORE				H mm	Ø mm	Pm mm
						INF.		SUP.				
						m ²	l	m ²	l			
BXT 200	A3Y0H47 VB005	C	66	220	6	1.2 /	4 /	1.2 /	4 /	1320	610	1345
BXT 300	A3Y0H51 VB005	C	79	316	6	1.2 /	4 /	1.2 /	4 /	1820	610	1840
BXT 400	A3Y0H53 VB005	C	93	396	6	1.5 /	5 /	1.5 /	5 /	1590	710	1625
BXT 500	A3Y0H55 VB005	C	104	466	6	1.5 /	5 /	1.5 /	5 /	1840	710	1870
BXT 600	A3Y0H57 VA010	C	110	570	6	2.4 /	13 /	1.5 /	5 /	2010	850	2050
BXT 800	A3Y0H60 VA010	C	118	742	6	2.7 /	14 /	2 /	11 /	1890	990	1940
BXT 1000	A3Y0H62 VA010	C	129	913	6	3 /	16 /	2 /	11 /	2240	990	2290

Pm: pivot measurement

Connection heights (mm)

MODEL	DN1	DN2	DN3	DN5	DN6	DN7	DN8	DN11	DN16	DN17	DN23
BXT 200	495	215	215	-	960	690	310	-	1100	820	1100
BXT 300	495	215	215	-	1155	890	355	-	1295	1015	1595
BXT 400	495	215	215	-	1155	890	355	-	1295	1015	1295
BXT 500	495	215	215	-	1155	890	355	-	1295	1015	1595
BXT 600	760	330	330	-	1270	1005	470	-	1410	1130	1710
BXT 800	810	380	380	-	1250	980	520	-	1390	1110	1510
BXT 1000	980	380	380	-	1420	1150	580	-	1560	1280	1860

Connection sizes

MODEL	DN1	DN2	DN3	DN5	DN6	DN7	DN8	DN11	DN16	DN17	DN23
BXT 200	G3/4" M	G3/4" M	G3/4" M	G3/4"	G3/4"	G1.1/2"	G1/2"	-	G3/4" M	G3/4" M	G1/2"
BXT 300	G3/4" M	G3/4" M	G3/4" M	G3/4"	G3/4"	G1.1/2"	G1/2"	-	G3/4" M	G3/4" M	G1/2"
BXT 400	G3/4" M	G3/4" M	G1"	G1"	G3/4"	G1.1/2"	G1/2"	-	G3/4" M	G3/4" M	G1/2"
BXT 500	G3/4" M	G3/4" M	G1"	G1"	G3/4"	G1.1/2"	G1/2"	-	G3/4" M	G3/4" M	G1/2"
BXT 600	G1"	G1"	G1.1/2"	G1.1/2"	G1"	G1.1/2"	G1/2"	G1"	G1"	G1"	G1/2"
BXT 800	G1"	G1"	G1.1/2"	G1.1/2"	G1"	G1.1/2"	G1/2"	G1"	G1"	G1"	G1/2"
BXT 1000	G1"	G1"	G1.1/2"	G1.1/2"	G1"	G1.1/2"	G1/2"	G1"	G1"	G1"	G1/2"

Protective devices

Model	Reccomended sanitary expansion tank(*)
BXT 200	DP-11
BXT 300	DP-18
BXT 400	DP-24
BXT 500	DP-24
BXT 600	DP-35
BXT 800	DPV-50
BXT 1000	DPV-80

(*) The expansion tank must always be sized by an expert thermotechnical designer on the basis of the actual data

Insulation characteristics

Model	Insulation type	Insulation thickness (mm)	Finish
BXT 200	Rigid expanded polyurethane with 95% closed cells, CFC and HCFC free, fire resistance class B2 acc. to DIN 4102-1	50	Grey PVC RAL 9006
BXT 300	Rigid expanded polyurethane with 95% closed cells, CFC and HCFC free, fire resistance class B2 acc. to DIN 4102-1	50	Grey PVC RAL 9006
BXT 400	Graphite polystyrene	50	Grey PVC RAL 9006
BXT 500	Graphite polystyrene	50	Grey PVC RAL 9006
BXT 600	Graphite polystyrene	100	Grey PVC RAL 9006
BXT 800	Graphite polystyrene	100	Grey PVC RAL 9006
BXT 1000	Graphite polystyrene	100	Grey PVC RAL 9006

Reference standards

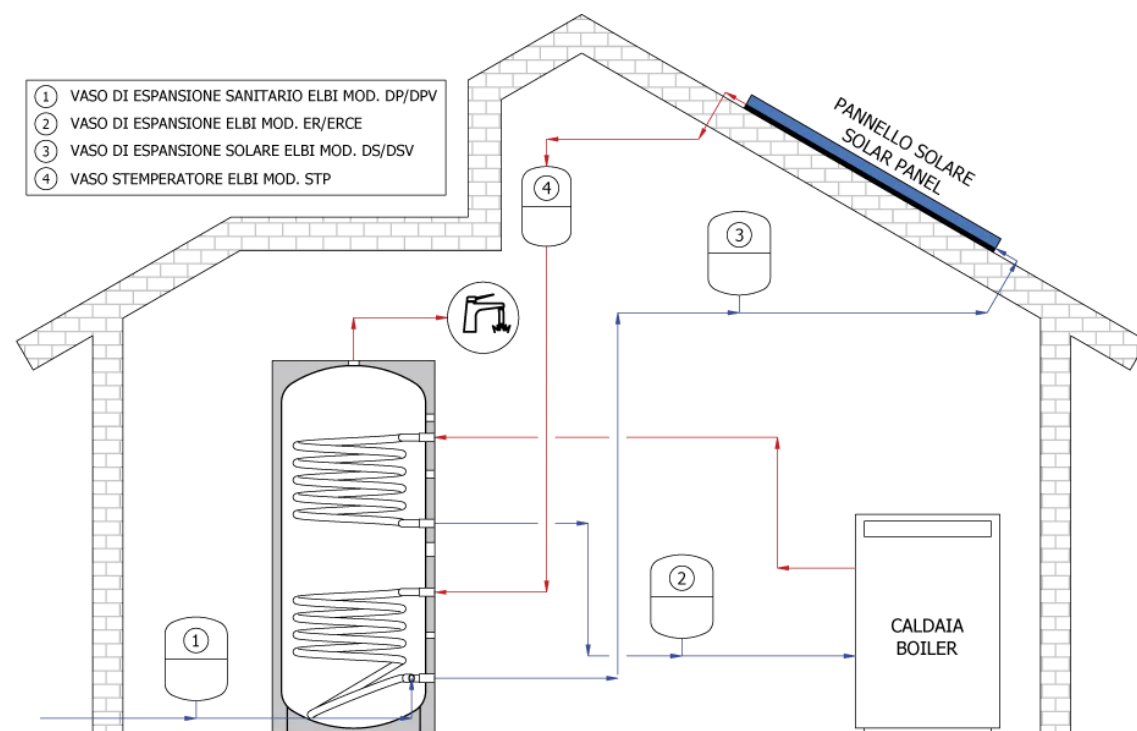
CYLINDER: | Directive 2014/68/EU – ART. 4.3, with exemption from CE marking. EN 12897:2020 standard. Designed and built in accordance with the requirements of 2009/125/EC and Regulation 814/2013 (EU). Labeling in accordance with the requirements of 2017/1369/EU and Delegated Regulation 812/2013 (EU).

Warranty: 5 years

Immersion heaters

Codice	Potenza	Alimentazione	Attacco	Lunghezza	Applicabilità							
					200	250	300	400	500	600	800	1000
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	✓	✓	✓	✓	✓	✓	✓	✓
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	✗	✗	✗	✗	✗	✗	✓	✓
IMMERSION HEATERS WITH THERMOSTAT												
8708000	8	380	G1.1/2"	670	✗	✗	✗	✗	✗	✗	✓	✓
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	✗	✗	✗	✗	✗	✗	✓	✓

Example of installation



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

Ver. date 11/10/2023