



BXPT

STAINLESS STEEL DHW CYLINDER WITH TWO FIXED EXCHANGERS FOR HEAT PUMPS

300 - 948 litres

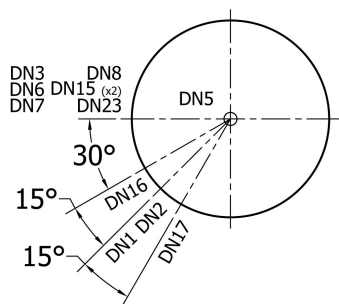
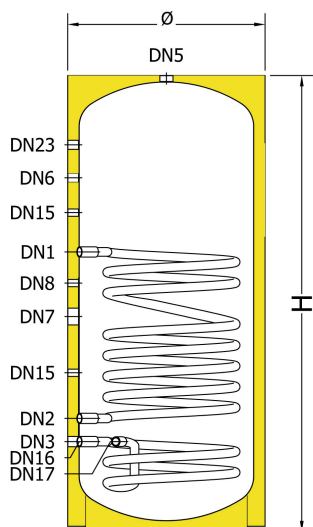
INSTALLATIONS

- heat pumps
- Magnesium anode available as an option.

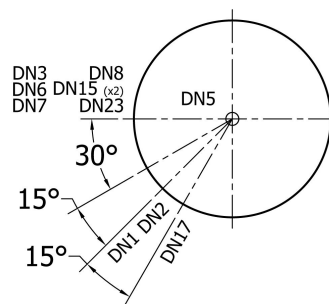
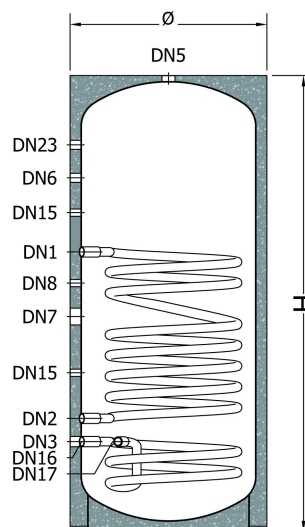
CHARACTERISTICS

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

BXPT 300



BXPT 500 - 1000



Keyword

DN	Description
DN1	Inlet from heat pump
DN2	Return to heat pump
DN3	Mains water supply
DN5	DHW draw-off
DN6	Recirculation
DN7	Predisposition for immersion heater
DN8	Thermostat
DN11	Drain
DN15	Probe
DN16	Inlet from integration
DN17	Return to integration
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			
BXPT-300	A3U2H51 VB005	C	79	310	6	3 /	16 /	0.7 /	2 /	1820	610	1840
BXPT-500	A3U2H55 VB005	C	104	460	6	4 /	22 /	0.9 /	3 /	1840	710	1870
BXPT-800	A3U2H60 VB005	C	118	730	6	6 /	32 /	1.5 /	5 /	1890	990	1940
BXPT-1000	A3U2H62 VB005	C	129	900	6	6 /	32 /	1.5 /	5 /	2240	990	2290

Pm: pivot measurement

Connection heights (mm)

MODEL	DN1	DN2	DN3	DN5	DN6	DN7	DN8	DN11	DN15	DN15	DN16	DN17	DN23
BXPT-300	1255	275	215	-	1450	765	430	-	1305	980	215	215	1595
BXPT-500	1255	275	215	-	1450	765	430	-	1305	980	215	215	1595
BXPT-800	1420	440	380	-	1390	905	595	-	1270	1070	380	380	1510
BXPT-1000	1420	440	380	-	1615	930	595	-	1470	1145	380	380	1760

Connection sizes

MODEL	DN1	DN2	DN3	DN5	DN6	DN7	DN8	DN11	DN15	DN16	DN17	DN23
BXPT-300	G1"	G1"	G3/4"M	3/4"	3/4"	G1.1/2"	G1/2"	-	G1/2"	G3/4"M	G3/4"M	G1/2"
BXPT-500	G1"	G1"	G1"	G1"	3/4"	G1.1/2"	G1/2"	-	G1/2"	G3/4"M	G3/4"M	G1/2"
BXPT-800	G1.1/4"	G1.1/4"	G1.1/2"	G1.1/2"	G1"	G1.1/2"	G1/2"	G1"	G1/2"	G1"	G1"	G1/2"
BXPT-1000	G1.1/4"	G1.1/4"	G1.1/2"	G1.1/2"	G1"	G1.1/2"	G1/2"	G1"	G1/2"	G1"	G1"	G1/2"

Protective devices

Model	Recommened sanitary expansion tank(*)
BXPT-300	DP-18
BXPT-500	DP-24
BXPT-800	DPV-50
BXPT-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
BXPT-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
BXPT-500	Graphite polystyrene	50	Grey PVC RAL 9006
BXPT-800	Graphite polystyrene	100	Grey PVC RAL 9006
BXPT-1000	Graphite polystyrene	100	Grey PVC RAL 9006

Reference standards

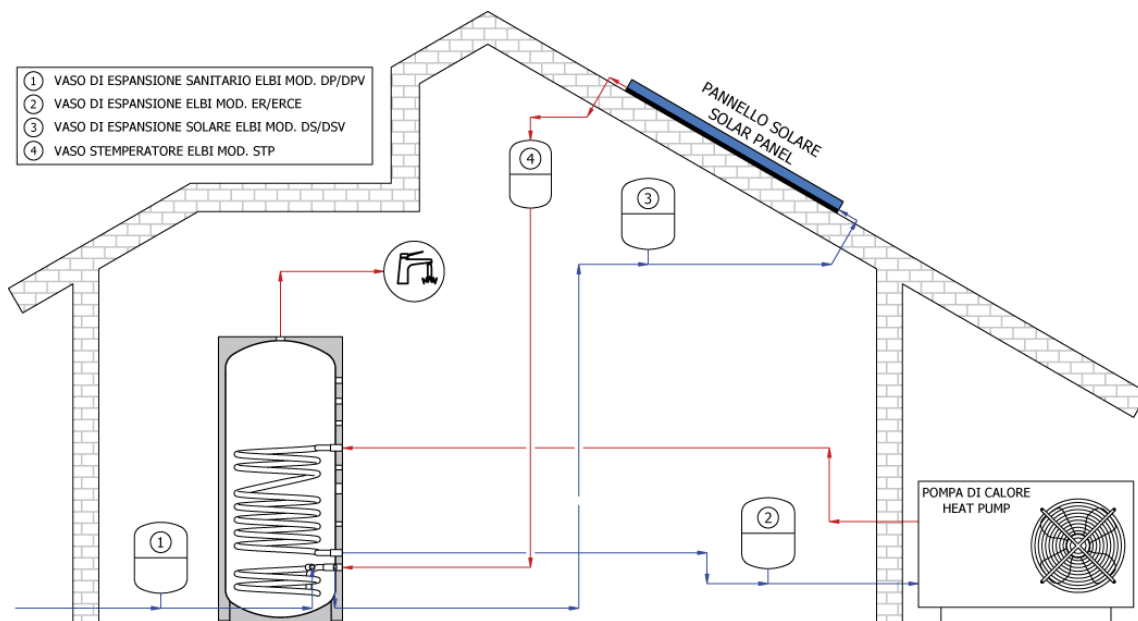
CYLINDER: | Directive 2014/68/EU – ART. 4.3, with exemption from CE marking. EN 12897:2020 standard. Designed and built in accordance with the requirements of 2009/125/EC and Regulation 814/2013 (EU). Labeling in accordance with the requirements of 2017/1369/EU and Delegated Regulation 812/2013 (EU).

Warranty: 5 years

Immersion heaters

Codice	Potenza	Alimentazione	Attacco	Lunghezza	Applicabilità			
					300	500	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	✓	✓	✓	✓
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	✗	✗	✓	✓
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	✗	✗	✓	✓

Example of installation



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

Ver. date 07/07/2023