

PUFFER PLUS

HEATED WATER BUFFER TANKS FOR HEATING APPLICATIONS WITH MULTIPLE CONNECTIONS

96 - 4.993 litres

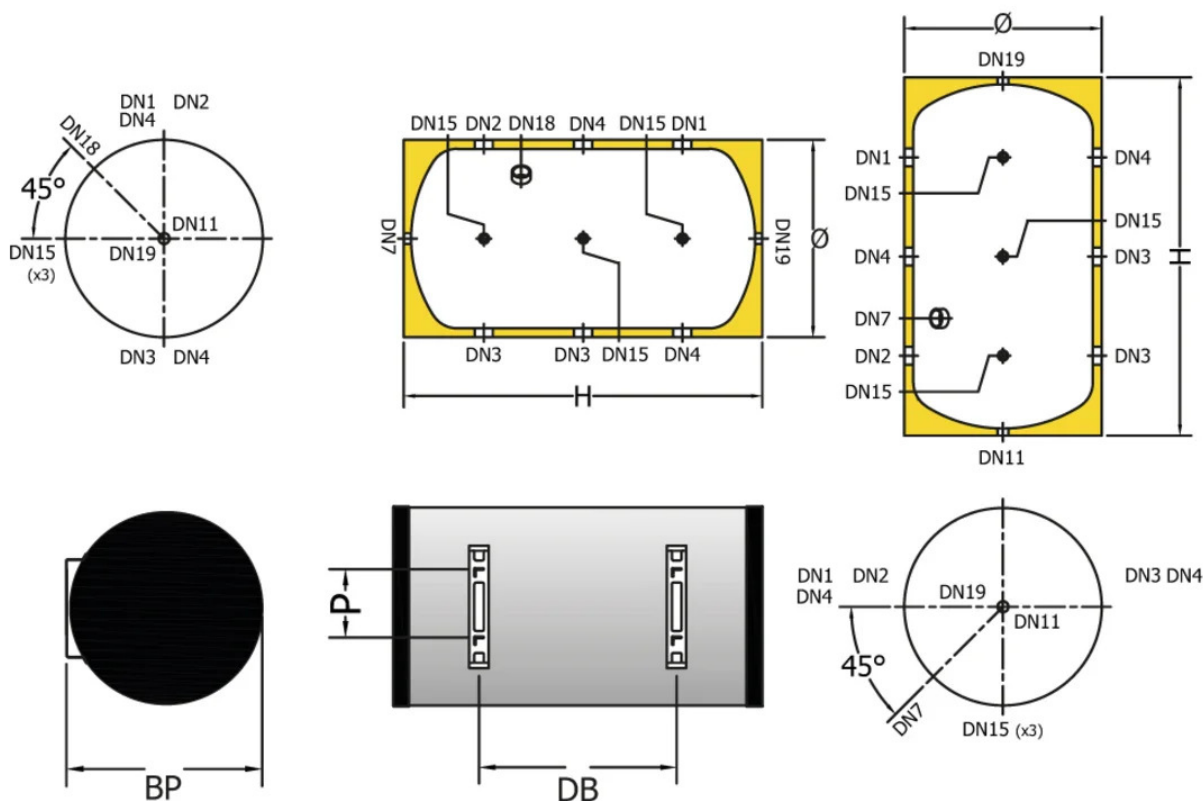
INSTALLATIONS

- traditional boilers (wall-hung and/or floor-standing)
- condensing boilers
- solar thermal systems

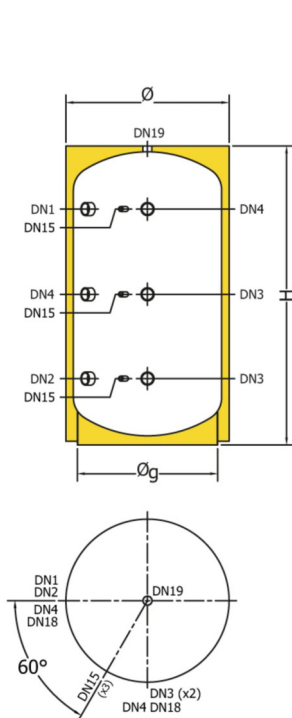
CHARACTERISTICS

MAX TEMPERATURE	95 °C	MAX PRESSURE (mod. 100 - 300)	10 bar
		MAX PRESSURE (mod. 500 - 1000)	8 bar
		MAX PRESSURE (mod. 1500 - 5000)	4 bar
		MAX PRESSURE (mod. EXP 800 - 1000)	10 bar
		MAX PRESSURE (mod. EXP 1500 - 2000)	6 bar

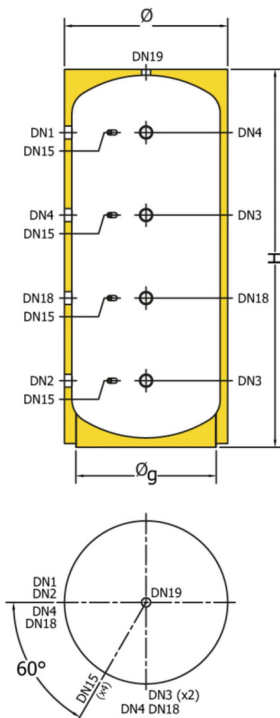
PUFFER PLUS 100



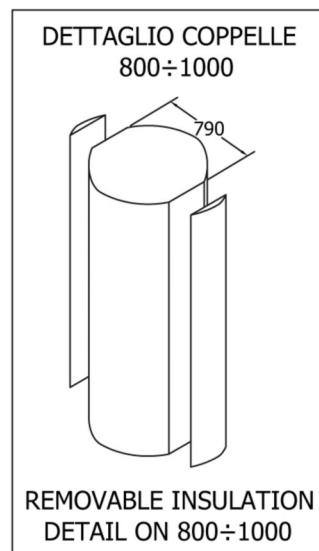
PUFFER PLUS 200



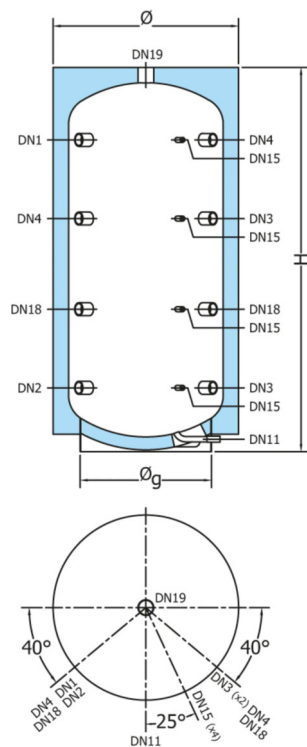
PUFFER PLUS 300 - 1000



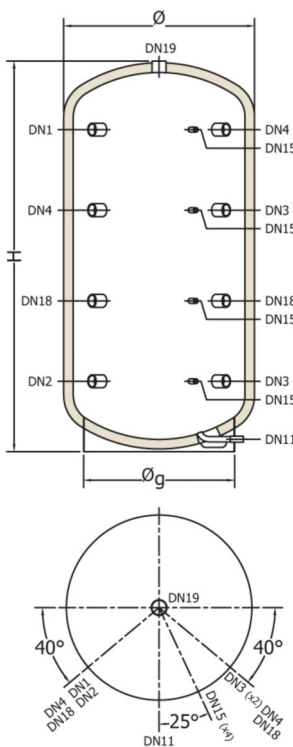
P-PLUS 800 - 1000 CUPS



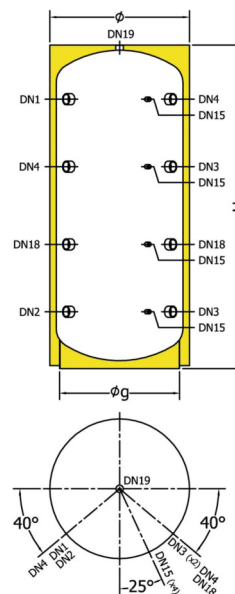
PUFFER PLUS 1500 - 2000



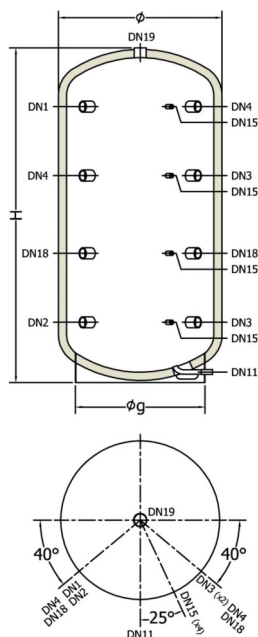
PUFFER PLUS 3000 - 5000



PUFFER PLUS 800 - 1000 EXP



PUFFER PLUS 1500 - 2000 EXP



Keyword

DN	Description
DN1	Inlet from boiler
DN2	Return to boiler
DN3	Flow from heating system
DN4	Flow to heating system
DN7	Predisposition for immersion heater
DN11	Drain
DN15	Probe
DN18	Auxiliary connection
DN19	Auxiliary connection

Model	Code	Energy label	St. loss W	Capacity L	H mm	Ø skirt mm	Ø mm	Pm mm	DB mm	P mm	BP mm
PUFFER PLUS-100	A3H0L38 PGP55	B	36	96	960		510	1090	400	145	535
PUFFER PLUS-200	A3H0L47 PGP55	B	57	195	1200	460	610	1350			
PUFFER PLUS-300	A3H0L51 PGP75	B	67	282	1670	460	650	1800			
PUFFER PLUS-500	A3H0E55 PGP55	C	90	478	1735	600	760	1900			
PUFFER PLUS-600	A3H0E57 PGP55	C	95	560	1930	600	760	2080			
PUFFER PLUS-800	A3H0E60 PGP75	C	129	718	1815	760	940	2050			
PUFFER PLUS-1000	A3H0E62 PGP75	C	134	840	2065	760	940	2270			
PUFFER PLUS-1500	A3H0E67 GW4A5	C	163	1575	2440	850	1270	2760			
PUFFER PLUS-2000	A3H0E70 GW4A5	C	174	1895	2470	950	1370	2830			
PUFFER PLUS-3000	A3H0E74 GW050	-		2912	2770	1100	1350	3090			
PUFFER PLUS-5000	A3H0E80 GW050	-		4985	2945	1450	1700	3410			
PUFFER PLUS-800 EXP	A3H0L60 PGP40			785	1795	760	900	2015			
PUFFER PLUS-1000 EXP	A3H0L62 PGP40			916	2045	760	900	2240			
PUFFER PLUS-1500 EXP	A3H0H67 P9016			1641	2465	1100	1100	2700			
PUFFER PLUS-2000 EXP	A3H0H70 P9016			1958	2445	1450	1200	2725			

Pm: pivot measurement

Connection heights (mm)

MODEL	DN1	DN2	DN3	DN3	DN4	DN4	DN11	DN15	DN15	DN15	DN15	DN18	DN19
PUFFER PLUS-100	740	220	220	480	480	740	-	740	220	480	-	-	-
PUFFER PLUS-200	925	245	245	585	585	925	-	925	245	585	-	-	-
PUFFER PLUS-300	1335	285	285	985	985	1335	-	1335	285	985	635	635	-
PUFFER PLUS-500	1400	270	270	1025	1025	1400	-	1400	270	1025	645	645	-
PUFFER PLUS-600	1650	270	270	1190	1190	1650	-	1650	270	1190	730	730	-
PUFFER PLUS-800	1425	375	375	1075	1075	1425	-	1425	375	1075	725	725	-
PUFFER PLUS-1000	1675	375	375	1245	1245	1675	-	1675	375	1245	705	705	-
PUFFER PLUS-1500	1955	455	455	1455	1455	1955	80	1955	455	1455	955	955	-
PUFFER PLUS-2000	1975	475	475	1475	1475	1975	80	1975	475	1475	975	975	-
PUFFER PLUS-3000	2310	510	510	1710	1710	2310	80	2310	510	1710	1110	1110	-
PUFFER PLUS-5000	2410	610	610	1810	1810	2410	80	2410	610	1810	1210	1210	-
PUFFER PLUS-800 EXP	-	-	-	-	-	-	-	-	-	-	-	-	-
PUFFER PLUS-1000 EXP	-	-	-	-	-	-	-	-	-	-	-	-	-
PUFFER PLUS-1500 EXP	-	-	-	-	-	-	-	-	-	-	-	-	-
PUFFER PLUS-2000 EXP	-	-	-	-	-	-	-	-	-	-	-	-	-

MODEL	DN7	DN11	DN18
	Vertical mounting		
PUFFER PLUS-100	300	-	-

MODEL	DN7	DN18
	Horizontal mounting	
PUFFER PLUS-100	-	300

Connection sizes

MODEL	DN1	DN2	DN3	DN4	DN11	DN15	DN18	DN19
PUFFER PLUS-100	G1.1/2"	G1.1/2"	G1.1/2"	G1.1/2"	-	G1/2"	-	G1.1/4"
PUFFER PLUS-200	G1.1/2"	G1.1/2"	G1.1/2"	G1.1/2"	-	G1/2"	-	G1.1/4"
PUFFER PLUS-300	G1.1/2"	G1.1/2"	G1.1/2"	G1.1/2"	-	G1/2"	G1.1/2"	G1.1/4"
PUFFER PLUS-500	G1.1/2"	G1.1/2"	G1.1/2"	G1.1/2"	-	G1/2"	G1.1/2"	G1.1/4"
PUFFER PLUS-600	G1.1/2"	G1.1/2"	G1.1/2"	G1.1/2"	-	G1/2"	G1.1/2"	G1.1/4"
PUFFER PLUS-800	G1.1/2"	G1.1/2"	G1.1/2"	G1.1/2"	-	G1/2"	G1.1/2"	G1.1/2"
PUFFER PLUS-1000	G1.1/2"	G1.1/2"	G1.1/2"	G1.1/2"	-	G1/2"	G1.1/2"	G1.1/2"
PUFFER PLUS-1500	G1.1/2"	G1.1/2"	G1.1/2"	G1.1/2"	G1"	G1/2"	G1.1/2"	G3"
PUFFER PLUS-2000	G1.1/2"	G1.1/2"	G1.1/2"	G1.1/2"	G1"	G1/2"	G1.1/2"	G3"
PUFFER PLUS-3000	G2"	G2"	G2"	G2"	G1"	G1/2"	G2"	G3"
PUFFER PLUS-5000	G2"	G2"	G2"	G2"	G1"	G1/2"	G2"	G3"
PUFFER PLUS-800 EXP	-	-	-	-	-	-	-	-
PUFFER PLUS-1000 EXP	-	-	-	-	-	-	-	-
PUFFER PLUS-1500 EXP	-	-	-	-	-	-	-	-
PUFFER PLUS-2000 EXP	-	-	-	-	-	-	-	-

MODEL	DN7	DN11	DN18
	Vertical mounting		
PUFFER PLUS-100	G1.1/2"	G1.1/4"	-

MODEL	DN7	DN18
	Horizontal mounting	
PUFFER PLUS-100	G1.1/4"	G1.1/2"

Insulation characteristics

Model	Insulation type	Thickness (mm)	Finish
PUFFER PLUS-100	Rigid expanded polyurethane with 95% closed cells, CFC and HCFC free, fire resistance class B2 acc. to DIN 4102-1	55	Grey polystyrene RAL 9006
PUFFER PLUS-200	Rigid expanded polyurethane with 95% closed cells, CFC and HCFC free, fire resistance class B2 acc. to DIN 4102-1	55	Grey polystyrene RAL 9006
PUFFER PLUS-300	Rigid expanded polyurethane with 95% closed cells, CFC and HCFC free, fire resistance class B2 acc. to DIN 4102-1	75	Grey polystyrene RAL 9006
PUFFER PLUS-500	Rigid expanded polyurethane with 95% closed cells, CFC and HCFC free, fire resistance class B2 acc. to DIN 4102-1	55	Grey polystyrene RAL 9006
PUFFER PLUS-600	Rigid expanded polyurethane with 95% closed cells, CFC and HCFC free, fire resistance class B2 acc. to DIN 4102-1	55	Grey polystyrene RAL 9006
PUFFER PLUS-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
PUFFER PLUS-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
PUFFER PLUS-1500	100% recyclable polyester fibre	135	Grey PVC RAL 9006
PUFFER PLUS-2000	100% recyclable polyester fibre	135	Grey PVC RAL 9006
PUFFER PLUS-3000	Open cells flexible expanded polyurethane	50	White PVC RAL 9001
PUFFER PLUS-5000	Open cells flexible expanded polyurethane	50	White PVC RAL 9001

Reference standards

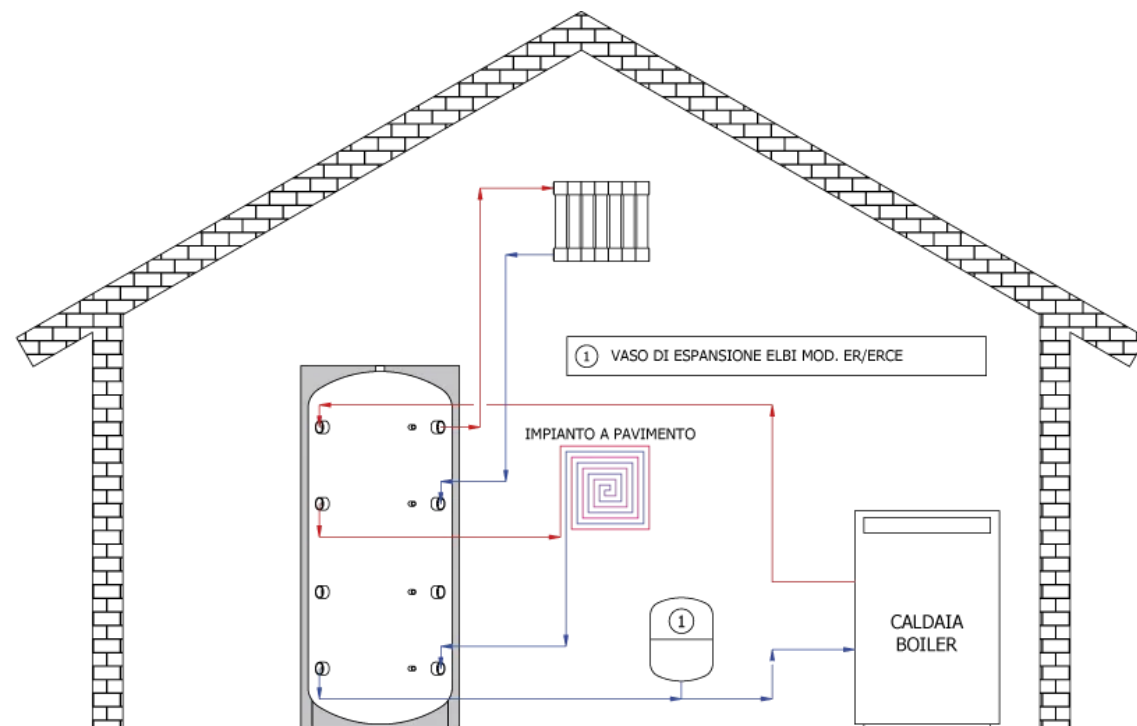
CYLINDER: | Directive 2014/68/EU – ART. 4.3, with exemption from CE marking. EN 12897:2020 standard. Designed and built in accordance with the requirements of 2009/125/EC and Regulation 814/2013 (EU). Labeling in accordance with the requirements of 2017/1369/EU and Delegated Regulation 812/2013 (EU).

Warranty: 2 years

Immersion heaters

Code	Power	Source	Connection	Length	Applicable to											
					100	200	300	500	600	800	1000	1500	2000	3000	5000	
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	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓

Example of installation



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

Rev. date 11/09/2023