



## BSH

GLASSLINED CYLINDER WITH FIXED HEAT EXCHANGER FOR SANITARY HOT WATER, WALL MOUNTING

93 - 283 litres

### INTERNAL GLASSLINING:

DIN 4753 | The glasslining treatment makes the cylinder suitable to contain hot water for sanitary use and resistant to corrosive phenomena. The glasslining treatment makes the cylinder suitable to contain hot water for sanitary use and resistant to corrosive phenomena.

### INSTALLATIONS

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

WALL MOUNTING

· solar thermal systems

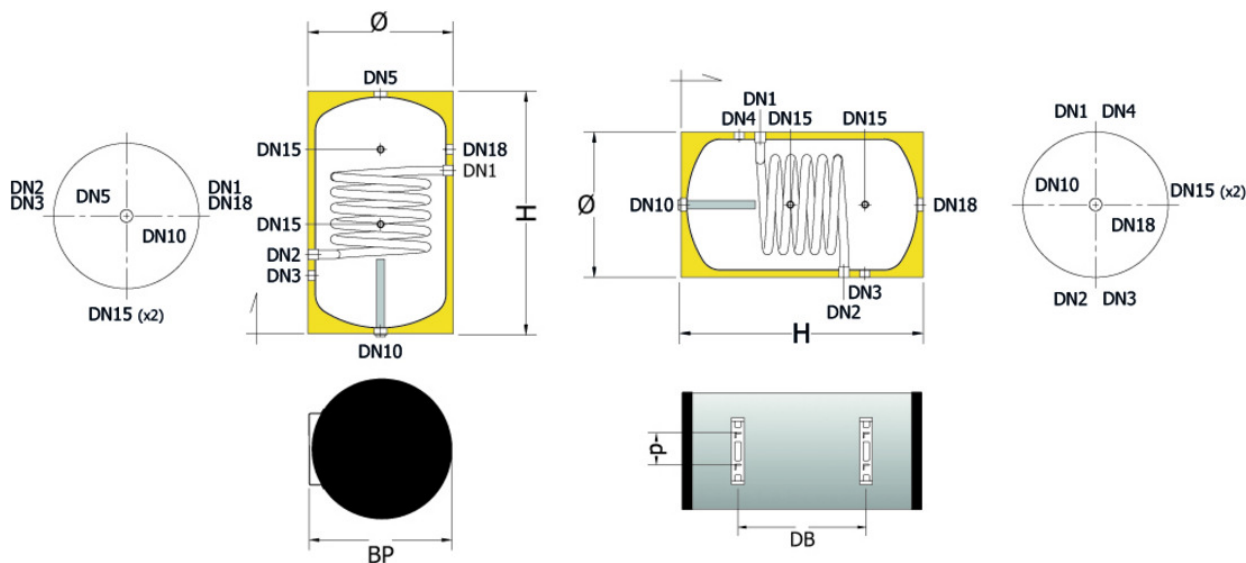
WALL MOUNTING

in vertical or horizontal position. Wall mounting brackets applied.

### CHARACTERISTICS

MAX TEMPERATURE	95 °C	MAX PRESSURE	10 bar
EXCHANGER MAX TEMPERATURE	110 °C	EXCHANGER MAX PRESSURE	12 bar

### BSH 100 - 150 - 200 - 300 inst. verticale/orizzontale



### Keyword

DN	Description
DN1	Flow to heat exchanger
DN1	Flow to heat exchanger
DN2	Flow from heat exchanger
DN3	Mains water supply
DN4	DHW draw-off
DN5	DHW draw-off
DN10	Magnesium anode
DN15	Probe
DN18	Auxiliary connection

Model	Code	Energy label	St. loss W	Capacity L	EXCHANGER		H mm	Ø mm	DB mm	P mm	BP mm
					m <sup>2</sup>	I					
BSH-100	A3B0L38 PGP55	B	35	92	0.4	3	960	510	400	245	545
BSH-150	A3B0L43 PGP55	b	52	147	0.6	4	1010	610	300	144	630
BSH-200	A3B0L47 PGP55	B	56	189	0.8	5	1230	610	570	144	630
BSH-300	A3B0L51 PGP75	C	74	273	1.2	7	1620	610	920	144	655

Pm: pivot measurement

## Connection heights (mm)

MODEL	DN1	DN2	DN3	DN5	DN10	DN15	DN15	DN18
Vertical mounting								
BSH-100	660	300	210	-	-	750	370	750
BSH-150	665	345	265	-	-	745	460	745
BSH-200	885	345	365	-	-	965	415	965
BSH-300	1190	430	245	-	-	1385	485	1375

MODEL	DN1	DN2	DN3	DN4	DN10	DN15	DN15	DN18
Horizontal mounting								
BSH-100	300	660	750	210	-	370	750	-
BSH-150	345	665	745	265	-	460	745	-
BSH-200	345	885	965	365	-	415	965	-
BSH-300	430	1190	1375	245	-	485	1385	-

## Connection sizes

MODEL	DN1	DN2	DN3	DN5	DN10	DN15	DN18
Vertical mounting							
BSH-100	G1"	G1"	G1"	G1.1/4"	G1.1/4"	G1/2"	G1"
BSH-150	G1"	G1"	G1"	G1.1/4"	G1.1/4"	G1/2"	G1"
BSH-200	G1"	G1"	G1"	G1.1/4"	G1.1/4"	G1/2"	G1"
BSH-300	G1"	G1"	G1"	G1.1/4"	G1.1/4"	G1/2"	G1"

MODEL	DN1	DN2	DN3	DN4	DN10	DN15	DN18
Horizontal mounting							
BSH-100	G1"	G1"	G1"	G1"	G1.1/4"	G1/2"	G1.1/4"
BSH-150	G1"	G1"	G1"	G1"	G1.1/4"	G1/2"	G1.1/4"
BSH-200	G1"	G1"	G1"	G1"	G1.1/4"	G1/2"	G1.1/4"
BSH-300	G1"	G1"	G1"	G1"	G1.1/4"	G1/2"	G1.1/4"

## Protective devices

Model	Magnesium anode code	Nr. installed magnesium anode	Diam.Ø	Conn.	Length	Reccomended sanitary expansion tank(*)
BSH-100	8560000 00002	1	32	G1.1/4"	150	DP-5
BSH-150	8560010 00002	1	32	G1.1/4"	200	DP-8
BSH-200	8560010 00002	1	32	G1.1/4"	200	DP-11
BSH-300	8560040 00002	1	32	G1.1/4"	320	DP-18

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

## Insulation characteristics

Model	Insulation type	Thickness (mm)	Finish
BSH-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
BSH-150	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
BSH-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
BSH-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

## 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).

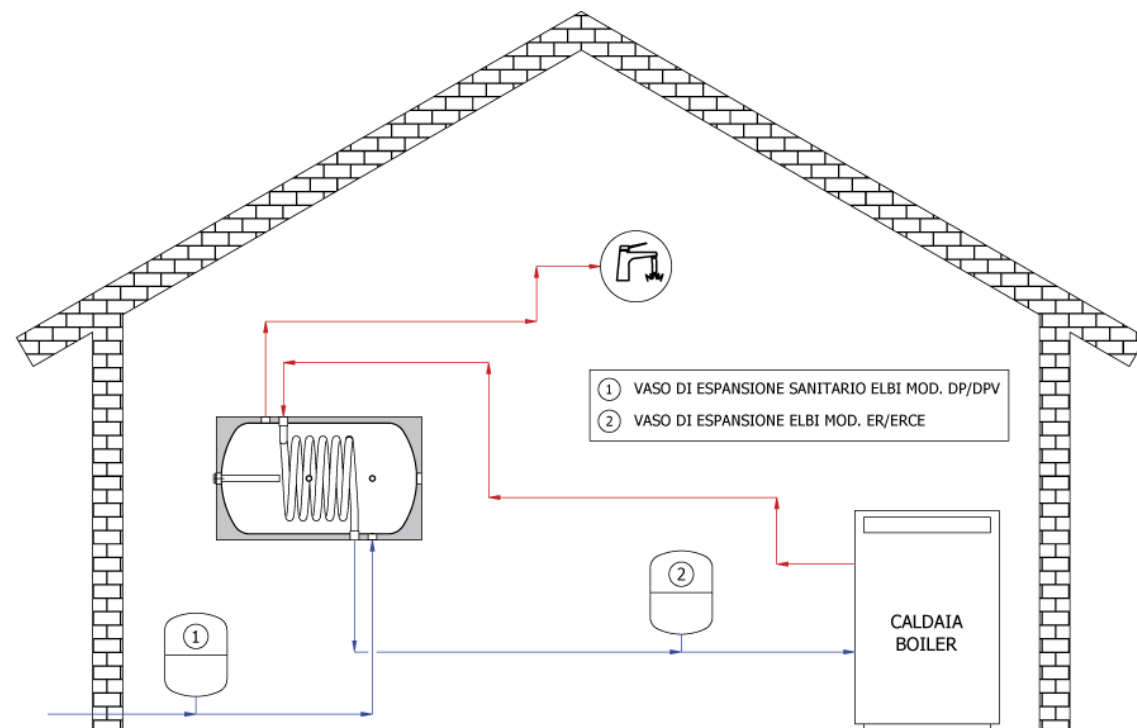
Warranty: 5 years

## Immersion heaters

Code	Power	Source	Connection	Length	Applicable to			
					100	150	200	300
n.a.= Heating element not applicable								
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	✓	✓	✓	✓

## Example of installation

BSH



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

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