

**SMALTATURA BLUE-TECH  
BLUE-TECH ENAMEL**



## **BOLLITORI CON DUE SERPENTINI ESTRAIBILI** CALORIFIERS WITH TWO REMOVABLE EXCHANGERS

# BSX-I

**Capacità/Storage:** 200 ÷ 5000 lt

**Potenza/Duty:** 12,5 ÷ 490 kW

Protezione catodica ad anodo di magnesio  
Magnesium anode protection



### **BOLLITORI A DOPPIO SERPENTINO ESTRAIBILE INOX**

Bollitori a **doppio serpentino estraibile**, utilizzati per la produzione rapida ed accumulo di acqua calda ad uso potabile ed igienico sanitario.

**Serbatoio:** smaltato blue-tech

Pressione d'esercizio max: 6 bar,  
Temperatura d'esercizio max: 85°C

**Trattamento protettivo interno:**

smaltatura Blue-tech con resine termoindurenti idonee per l'uso con acqua potabile

**Scambiatori** a fascio tubiero in acciaio inox **AISI 304**

Pressione d'esercizio max: 12 bar.  
Temperatura d'esercizio max: 110°C

**Coibentazione:** poliuretano rigido 100mm (300 e 500 lt.) e 110mm (800 e 1000 lt.), poliuretano flessibile 100mm + polietilene cellule chiuse 20mm (1500 e 2000 lt.), poliuretano flessibile 100mm (da 2500 a 5000 lt.)

**Rivestimento:** esterno in PVC.

### **CALORIFIERS WITH TWO STAINLESS STEEL REMOVABLE EXCHANGERS**

Enable the indirect water heater to supply the correct amount of **DHW** required. They come complete with **two removable stainless steel heat exchangers**, which can be easily cleaned and re-inserted or replaced if required or if located in an area of hard water.

**Cylinder:** blue-tech enamel

Max. working pressure: 6 bar,  
Max. storage temperature: 85°C

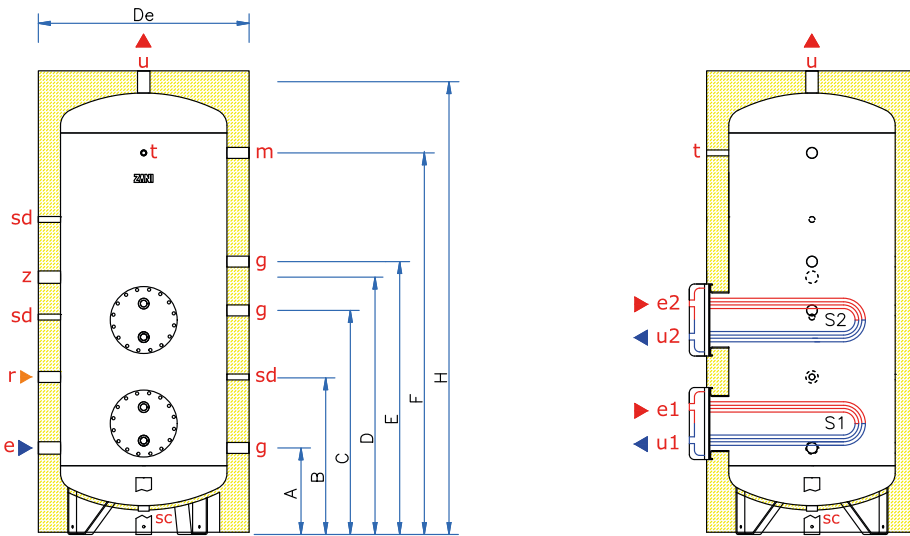
**Internal lining:** blue-tech enamel coating with thermosetting resins, suitable for potable water.

**Heating coils:** removable U-tube bundles in **AISI 304** stainless steel.

Max. working pressure: 12 bar  
Max. working temperature: 110°C

**Insulation:** rigid polyurethane 100mm (300 - 500 lt.) and 110mm (800-1000 lt.), flexible polyurethane 100mm + closed-cell polyethylene 20mm (1500 and 2000 lt.), flexible polyurethane 100mm (from 2500 to 5000 lt.)

**Outer jacket:** external jacket PVC.



**BSX-I-2 ÷ BSX-I-50**

- |       |                                  |       |                              |
|-------|----------------------------------|-------|------------------------------|
| g     | CONNESSIONE LIBERA 1"1/4         | g     | FREE CONNECTION 1"1/4        |
| r     | RICIRCOLO 1"1/4                  | r     | SECONDARY RETURN 1"1/4       |
| sc    | SCARICO 1"1/4                    | sc    | DRAIN 1"1/4                  |
| sd    | POZZETTO SONDA/TERMOSTATO 1/2"   | sd    | PROBE/THERMOSTAT SHAFT 1/2"  |
| m     | ANODO DI MAGNESIO                | m     | MAGNESIUM ANODE              |
| z     | CONNESSIONE RESISTENZA EL. 1"1/2 | z     | HEATING EL. CONNECTION 1"1/2 |
| t     | CONNESSIONE TERMOMETRO 1/2"      | t     | THERMOMETER CONNECTION 1/2"  |
| e     | ENTRATA ACQUA FREDDA             | e     | COLD WATER FEED              |
| u     | USCITA ACQUA CALDA               | u     | HOT WATER OUTLET             |
| e1-e2 | ENTRATA PRIMARIO                 | e1-e2 | PRIMARY INLET                |
| u1-u2 | USCITA PRIMARIO                  | u1-u2 | PRIMARY OUTLET               |
| S1    | SCAMBIATORE INFERIORE            | S1    | LOWER EXCHANGER              |
| S2    | SCAMBIATORE SUPERIORE            | S2    | UPPER EXCHANGER              |

**DATI TECNICI / TECHNICAL FEATURES**

Modello	Litri	Ø attacchi						Temperatura massima °C	Pressione massima serbatoio bar	Pressione massima scambiatori bar	Potenza scambiatori* kW
		g-r	e-u	z	sd	e1-u1	e2-u2				
BSX-I-2	200	1"1/4	1"1/4	1"1/2	1/2"	1"	1"	85	6	12	12,5+12,5
BSX-I-3	300	1"1/4	1"1/4	1"1/2	1/2"	1"	1"	85	6	12	18,5+18,5
BSX-I-5	500	1"1/4	1"1/4	1"1/2	1/2"	1"	1"	85	6	12	25+25
BSX-I-8	800	1"1/4	1"1/2	1"1/2	1/2"	2"	2"	85	6	12	37+37
BSX-I-10	1000	1"1/4	1"1/2	1"1/2	1/2"	2"	2"	85	6	12	48+48
BSX-I-15	1500	1"1/4	2"	1"1/2	1/2"	2"	2"	85	6	12	73+73
BSX-I-20	2000	1"1/4	2"	1"1/2	1/2"	2"	2"	85	6	12	98+98
BSX-I-25	2500	1"1/4	2"1/2	1"1/2	1/2"	2"	2"	85	6	12	123+123
BSX-I-30	3000	1"1/4	3"	1"1/2	1/2"	2"	2"	85	6	12	147+147
BSX-I-40	4000	1"1/4	3"	1"1/2	1/2"	2"	2"	85	6	12	196+196
BSX-I-50	5000	1"1/4	3"	1"1/2	1/2"	2"	2"	85	6	12	245+245

Model	Litres	g-r	e-u	z	sd	e1-u1	e2-u2	Max working temperature °C	Tank max working pressure bar	Coils max working pressure bar	Duty* kW
Ø connections											

\* Temperatura primario 80/70°C - Temperatura secondario 10/45°C / Primary temperature 80/70°C - Secondary temperature 10/45°C

**DIMENSIONI / DIMENSIONS**

Modello	Litri	A	B	C	D	E	F	H	De
BSX-I-2	200	310	440	930	555	1150	-	1435	650
BSX-I-3	300	355	485	955	625	1195	-	1520	750
BSX-I-5	500	375	675	975	960	1215	1445	1805	850
BSX-I-8	800	390	710	1010	1160	1230	1720	1935	1010
BSX-I-10	1000	400	755	1000	1140	1240	1720	2285	1010
BSX-I-15	1500	500	805	1100	1230	1340	1810	2275	1240
BSX-I-20	2000	505	805	1105	1505	1345	2115	2595	1340
BSX-I-25	2500	565	850	1165	1550	1405	2150	2655	1400
BSX-I-30	3000	575	850	1050	1750	1415	2350	2870	1450
BSX-I-40	4000	600	870	1200	1780	1440	2380	2940	1600
BSX-I-50	5000	610	885	1210	1785	1450	2385	2980	1800

**IMBALLO mm / PACKING mm**

Modello	Altezza	Larghezza	Profondità	Peso kg
BSX-I-2	1560	680	680	90
BSX-I-3	1640	780	780	110
BSX-I-5	1930	880	880	150
BSX-I-8	2210	1020	1020	180
BSX-I-10	2240	1070	1070	200
BSX-I-15	2380	1230	1230	275
BSX-I-20	2700	1320	1320	330
BSX-I-25	2780	1470	1470	360
BSX-I-30	2990	1470	1470	440
BSX-I-40	3060	1630	1630	540
BSX-I-50	3100	1830	1830	610