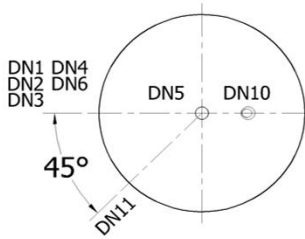
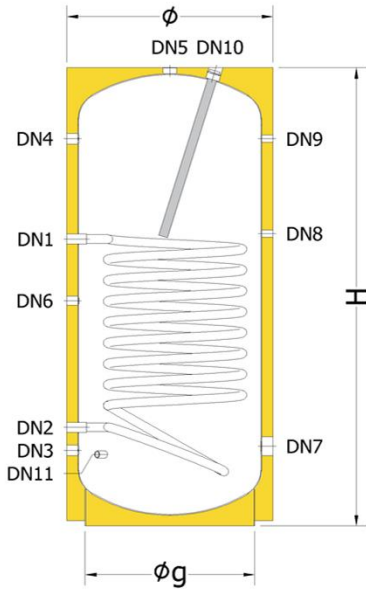
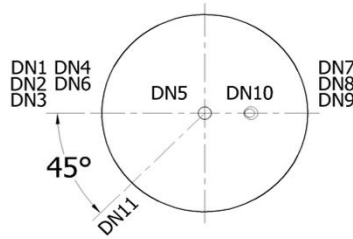
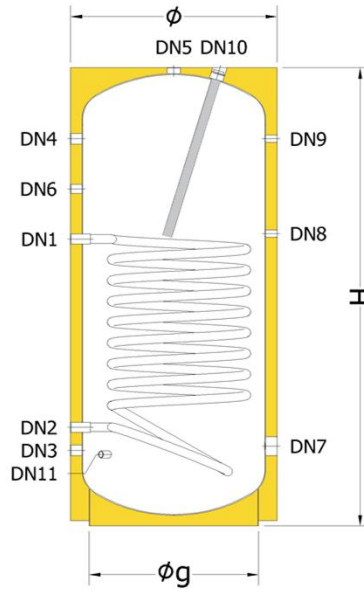


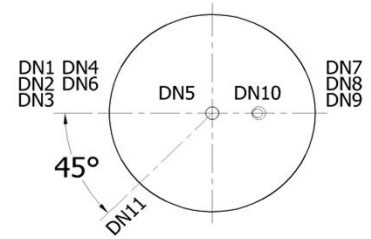
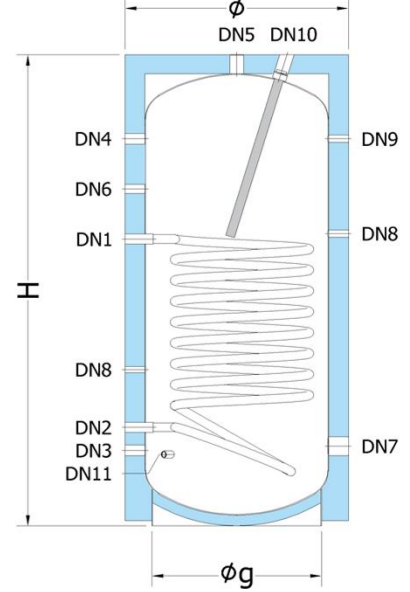
BSV 150



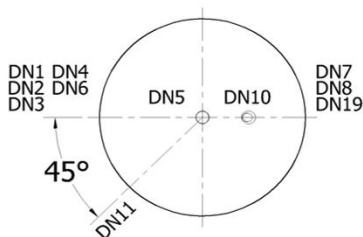
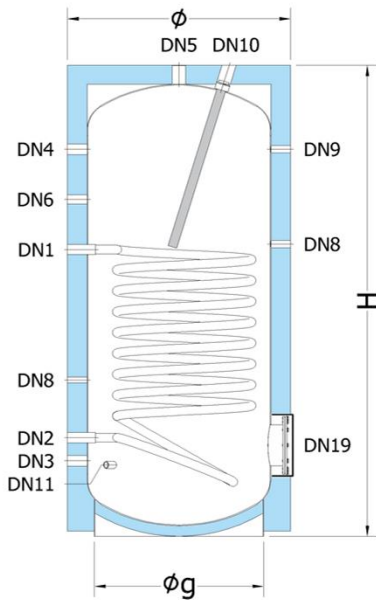
BSV 200÷500



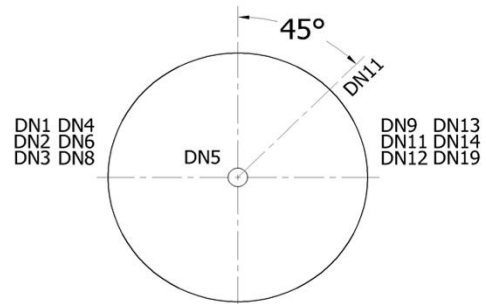
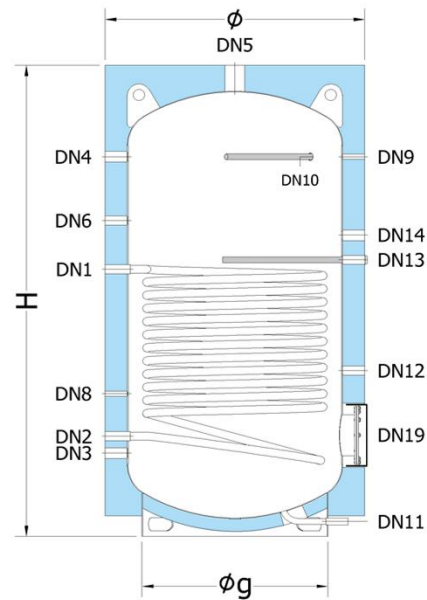
BSV 800÷1000



BSV 800÷1000+FL



BSV 1500÷2000



Dati dimensionali / Ratings data sheet

Pos.	Descrizione Description		Modello / Type										
			BSV										
Cod.	Codice Code		A3A0L43 PGP40	A3A0L47 PGP40	A3A0L51 PGP40	A3A0L53 PGP40	A3A0L55 PGP40	A3A0L60 VG470	A3A0L62 VG470	A3A1L60 VG470	A3A1L62 VG470	A3A1H67 VW4A5	A3A1H70 VW4A5
-	Capacità nominale <i>Nominal capacity</i>	L	150	200	300	400	500	800	1000	800+FL	1000+F	1500	2000
-	Volume utile (accumulo) <i>Storage volume (DHW tank)</i>	L	149	190	284	405	486	772	901	776	905	1605	1915
-	Volume utile (serpentino) <i>Storage volume (coil)</i>	L	4	5	6	8	9	13	15	13	15	36	43
-	Superficie di scambio <i>Coil surface</i>	m ²	0,6	0,7	1,05	1,2	1,45	2	2,4	2	2,4	3,6	4,3
-	Classe di efficienza energetica <i>Energy efficiency class</i>		B	B	B	C	C	C	C	C	C	C	C
-	Dispersione termica <i>Standing loss</i>	W	53	57	65	98	108	125	130	131	135	163	174
∅	Diametro accumulatore <i>Cylinder diameter</i>	mm	600	600	650	750	750	1020	1020	1020	1020	1270	1370
H	Altezza <i>Height</i>	mm	950	1170	1410	1450	1710	1870	2120	1870	2120	2530	2510
∅ _G	Diametro gonna <i>Skirt diameter</i>	mm	460	460	510	60	600	760	760	760	760	850	950
-	Quota di ribaltamento <i>Pivot measurement</i>	mm	1130	1320	1560	1640	1870	2140	2360	2140	2360	2840	2860
DN1	Quota connessione <i>Connection height</i>	mm	585	675	960	900	1060	1130	1290	1130	1290	1345	1425
DN2	Quota connessione <i>Connection height</i>	mm	305	325	345	365	365	450	450	450	450	545	535
DN3	Quota connessione <i>Connection height</i>	mm	225	240	260	280	280	340	340	340	340	455	445
DN4	Quota connessione <i>Connection height</i>	mm	720	940	1160	1180	1430	1470	1710	1470	1710	2035	2025
DN6	Quota connessione <i>Connection height</i>	mm	490	770	1060	1040	1245	1250	1440	1250	1440	1695	1685
DN7	Quota connessione <i>Connection height</i>	mm	255	280	275	295	295	365	365	/	/	/	/
DN8	Quota connessione <i>Connection height</i>	mm	470	790	960	980	1080	690	695	690	695	760	760
DN9	Quota connessione <i>Connection height</i>	mm	690	940	1160	1180	1430	1470	1720	1470	1720	2035	2025
DN10	Quota connessione <i>Connection height</i>	mm	/	/	/	/	/	/	/	/	/	2035	2025
DN11	Quota connessione <i>Connection height</i>	mm	225	225	245	265	265	320	320	320	320	80	80
DN12	Quota connessione <i>Connection height</i>	mm	/	/	/	/	/	/	/	/	/	895	885
DN13	Quota connessione <i>Connection height</i>	mm	/	/	/	/	/	/	/	/	/	1445	1475
DN14	Quota connessione <i>Connection height</i>	mm	/	/	/	/	/	/	/	/	/	1595	1605
DN19	Quota connessione <i>Connection height</i>	mm	/	/	/	/	/	/	/	435	435	550	540

Modello / Type

Pos.	Descrizione Description		BSV										
	L		150	200	300	400	500	800	1000	800+FL	1000+F L	1500	2000
-	Capacità nominale Nominal capacity	L											
DN1	Entrata fluido primario scambiatore Flow to heat exchanger		G1"	G1"	G1"	G1"	G1"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"
DN2	Uscita fluido primario scambiatore Flow from heat exchanger		G1"	G1"	G1"	G1"	G1"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"
DN3	Entrata acqua fredda sanitaria Mains water supply		G1"	G1"	G1"	G1"	G1"	G1"	G1"	G1"	G1"	G1½"	G1½"
DN4	Uscita acqua calda DHW draw-off		G1"	G1"	G1"	G1"	G1"	G1¼"	G1¼"	G1¼"	G1¼"	G1½"	G1½"
DN5	Uscita acqua calda DHW draw-off		G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G3"	G3"
DN6	Ricircolo Recirculation		G¾"	G¾"	G¾"	G¾"	G¾"	G1"	G1"	G1"	G1"	G1¼"	G1¼"
DN7	Predisposizione per resistenza elettrica Provision for immersion heater		G2"	G2"	G2"	G2"	G2"	G2"	G2"	/	/	/	/
DN8	Termostato Thermostat		G½"	G½"	G½"	G½"	G½"	G½"	G½"	G½"	G½"	G½"	G½"
DN9	Termometro Thermometer		G½"	G½"	G½"	G½"	G½"	G½"	G½"	G½"	G½"	G½"	G½"
DN10	Anodo di magnesio Magnesium anode		G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"
DN11	Scarico Drain		G½"	G½"	G½"	G½"	G½"	G¾"	G¾"	G¾"	G¾"	G1"	G1"
DN12	Vaso d'espansione sanitario Sanitary water expansion tank		/	/	/	/	/	/	/	/	/	G1¼"	G1¼"
DN13	Anodo di magnesio Magnesium anode		/	/	/	/	/	/	/	/	/	G1½"	G1½"
DN14	Predisposizione per resistenza elettrica Provision for immersion heater		/	/	/	/	/	/	/	/	/	G1¼"	G1¼"
DN19	Boccaporto di ispezione Inspection hatch		/	/	/	/	/	/	/	Øi 220	Øi 220	Øi 220	Øi 220

Pressione massima di esercizio (accumulo)			10										6
Max. working pressure (cylinder)	bar												
Temperatura massima di esercizio (accumulo)													
Max. working temperature (cylinder)	°C												+95
Pressione massima di esercizio (serpentino)													
Max. working pressure (coil)	bar												12
Temperatura massima di esercizio (serpentino)													
Max. working temperature (coil)	°C												+110

Caratteristiche della coibentazione / Insulation characteristics:

Modello Type	Tipo coibentazione Insulation type	Spessore coibentazione Insulation thickness	Finitura Finish
BSV-150	Poliuretano espanso rigido con il 95% di cellule chiuse, esente CFC e HCFC, classe di resistenza al fuoco B2 secondo DIN 4102-1 <i>Rigid expanded polyurethane with 95% closed cells, CFC and HCFC free, fire resistance class B2 acc. to DIN 4102-1</i>	50 mm	Polistirolo grigio RAL 9006 <i>Polystyrene gray RAL 9006</i>
BSV-200			
BSV-300			
BSV-400			
BSV-500			
BSV-800	Fibra di poliestere 100% riciclabile, classe di resistenza al fuoco B1 secondo DIN 4102-1 <i>100% recyclable polyester fiber, fire resistance class B1 acc. to DIN 4102-1</i>	110 mm	PVC grigio RAL 9006 <i>PVC gray RAL 9006</i>
BSV-1000			
BSV-1500			
BSV-2000			

Dispositivi di protezione / Protective devices:

Modello Type	Anodo di magnesio in dotazione Installed magnesium anode	Vaso di espansione raccomandato lato ACS(*) Recommended sanitary expansion tank(*)
BSV-150	nr. 1 - Ø32x1¼" L=320 - cod. 8560040	DP-8
BSV-200	nr. 1 - Ø32x1¼" L=320 - cod. 8560040	DP-11
BSV-300	nr. 1 - Ø32x1¼" L=520 - cod. 8560060	DP-18
BSV-400	nr. 1 - Ø32x1¼" L=520 - cod. 8560060	DP-18
BSV-500	nr. 1 - Ø32x1¼" L=700 - cod. 8560080	DP-24
BSV-800	nr. 1 - Ø32x1¼" L=700 - cod. 8560080	DP-35
BSV-1000	nr. 1 - Ø32x1¼" L=700 - cod. 8560080	DPV-50
BSV-1500	nr. 2 - Ø32x1¼" L=700 - cod. 8560080	DPV-80
BSV-2000	nr. 2 - Ø32x1¼" L=700 - cod. 8560080	DPV-100

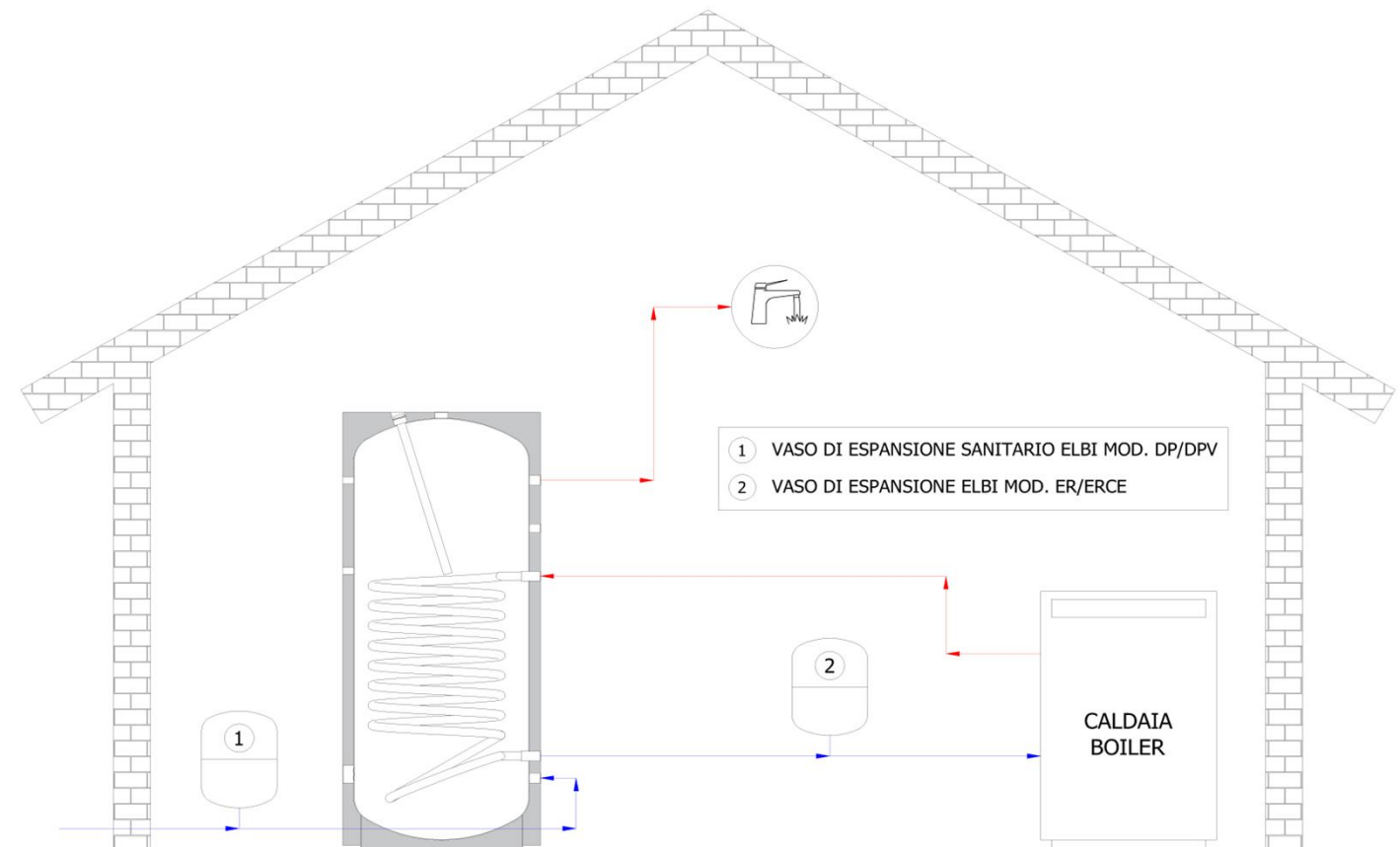
(*) Il vaso di espansione deve essere sempre dimensionato da un progettista termotecnico esperto sulla base dei dati effettivi dell'impianto.

The expansion tank must always be sized by an expert technician on the basis of actual system parameters.

Resistenze elettriche / Immersion heaters:

Codice Code	Potenza Power	Alimentazione Source	Attacco Connection	Lunghezza Length	Applicabilità / Applicable to BSV type								
					150	200	300	400	500	800	1000	1500	2000
RESISTENZE SENZA TERMOSTATO / IMMERSION HEATERS WITHOUT THERMOSTAT													
8601000	1	220V / 1F	G1¼"	295	✓	✓	✓	✓	✓	✓	✓	✓	✓
8601650	1,65	220V / 1F	G1¼"	450	✓	✓	✓	✓	✓	✓	✓	✓	✓
8602000	2	220V / 1F	G1¼"	515	x	x	x	✓	✓	✓	✓	✓	✓
8602600	2,6	220V / 1F	G1¼"	675	x	x	x	x	x	✓	✓	✓	✓
8602601	2,6	220V / 1F	G1¼"	360	✓	✓	✓	✓	✓	✓	✓	✓	✓
8603300	3,3	220V / 1F	G1¼"	825	x	x	x	x	x	x	x	✓	✓
8603301	3,3	220V / 1F	G1¼"	435	✓	✓	✓	✓	✓	✓	✓	✓	✓
8604001	4	220V / 1F	G1¼"	510	x	x	x	✓	✓	✓	✓	✓	✓
8705000	5	380V / 3F	G1½"	445	✓	✓	✓	✓	✓	✓	✓	✓	✓
8706000	6	380V / 3F	G1½"	510	x	x	x	✓	✓	✓	✓	✓	✓
8708000	8	380V / 3F	G1½"	670	x	x	x	x	x	✓	✓	✓	✓
8710000	10	380V / 3F	G1½"	820	x	x	x	x	x	x	x	✓	✓
8712000	12	380V / 3F	G1½"	970	x	x	x	x	x	x	x	✓	✓
RESISTENZE CON TERMOSTATO / IMMERSION HEATERS WITH THERMOSTAT													
8T01500	1,5	220V / 1F	G1½"	320	✓	✓	✓	✓	✓	✓	✓	✓	✓
8T02000	2	220V / 1F	G1½"	320	✓	✓	✓	✓	✓	✓	✓	✓	✓
8T02200	2,2	220V / 1F	G1½"	320	✓	✓	✓	✓	✓	✓	✓	✓	✓
8T02500	2,5	220V / 1F	G1½"	320	✓	✓	✓	✓	✓	✓	✓	✓	✓
8T03000	3	220V / 1F	G1½"	320	✓	✓	✓	✓	✓	✓	✓	✓	✓
8T04000	4	380V / 3F	G1½"	400	✓	✓	✓	✓	✓	✓	✓	✓	✓
8T05000	5	380V / 3F	G1½"	500	x	x	✓	✓	✓	✓	✓	✓	✓
8T06000	6	380V / 3F	G1½"	600	x	x	x	✓	✓	✓	✓	✓	✓
8T09000	9	380V / 3F	G1½"	700	x	x	x	x	x	✓	✓	✓	✓
8T12000	12	380V / 3F	G1½"	850	x	x	x	x	x	x	x	✓	✓

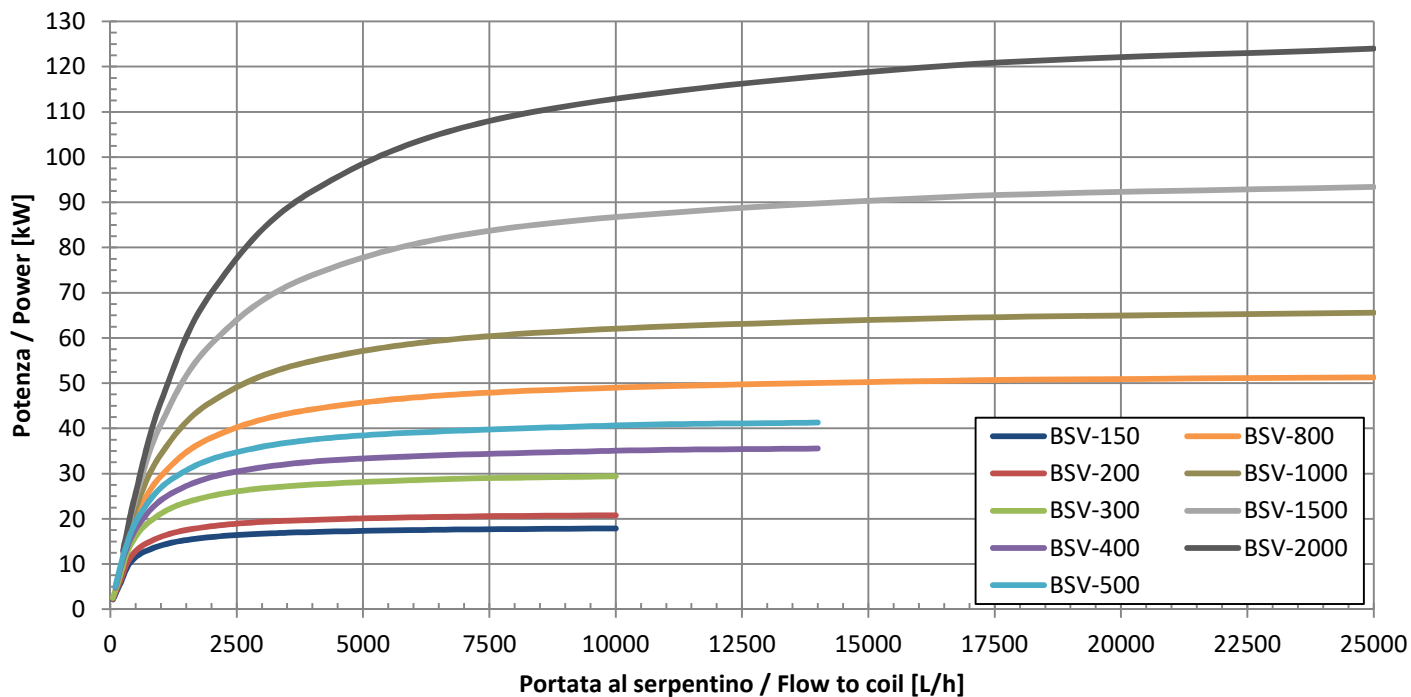
Esempio di installazione / Installation scheme:



Prestazioni teoriche / typical performances:

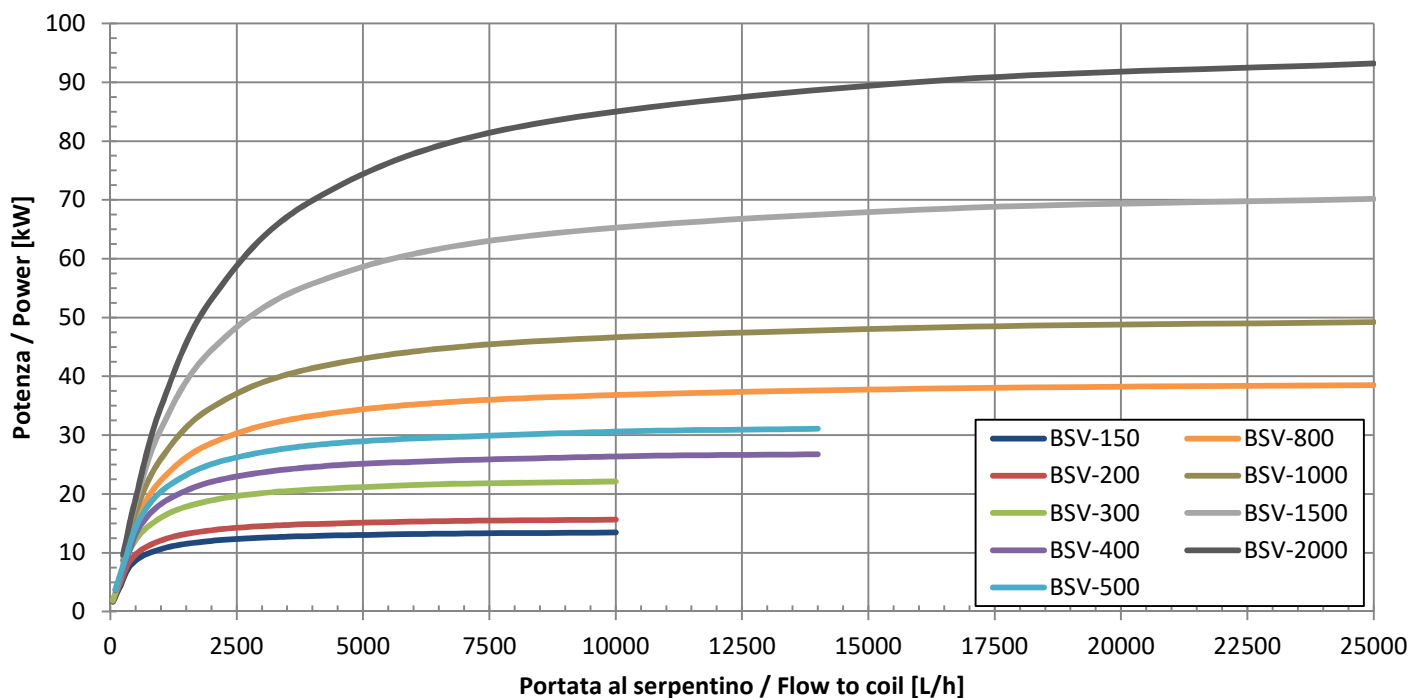
Potenza scambiata / Exch. power

$T_{in,coil} = 80\text{ °C}; T_{serb,in} = 10\text{ °C}, T_{serb,out} = 45\text{ °C}$



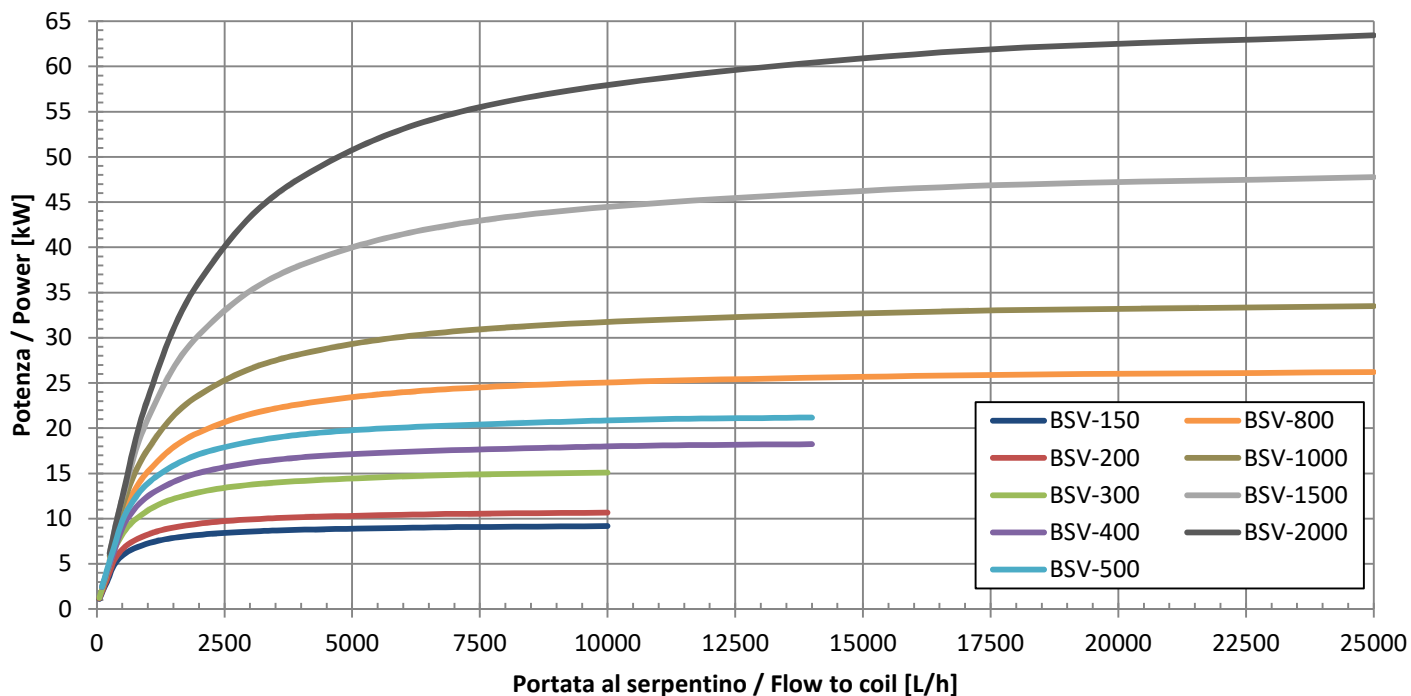
Potenza scambiata / Exch. power

$T_{in,coil} = 70\text{ °C}; T_{serb,in} = 10\text{ °C}, T_{serb,out} = 45\text{ °C}$



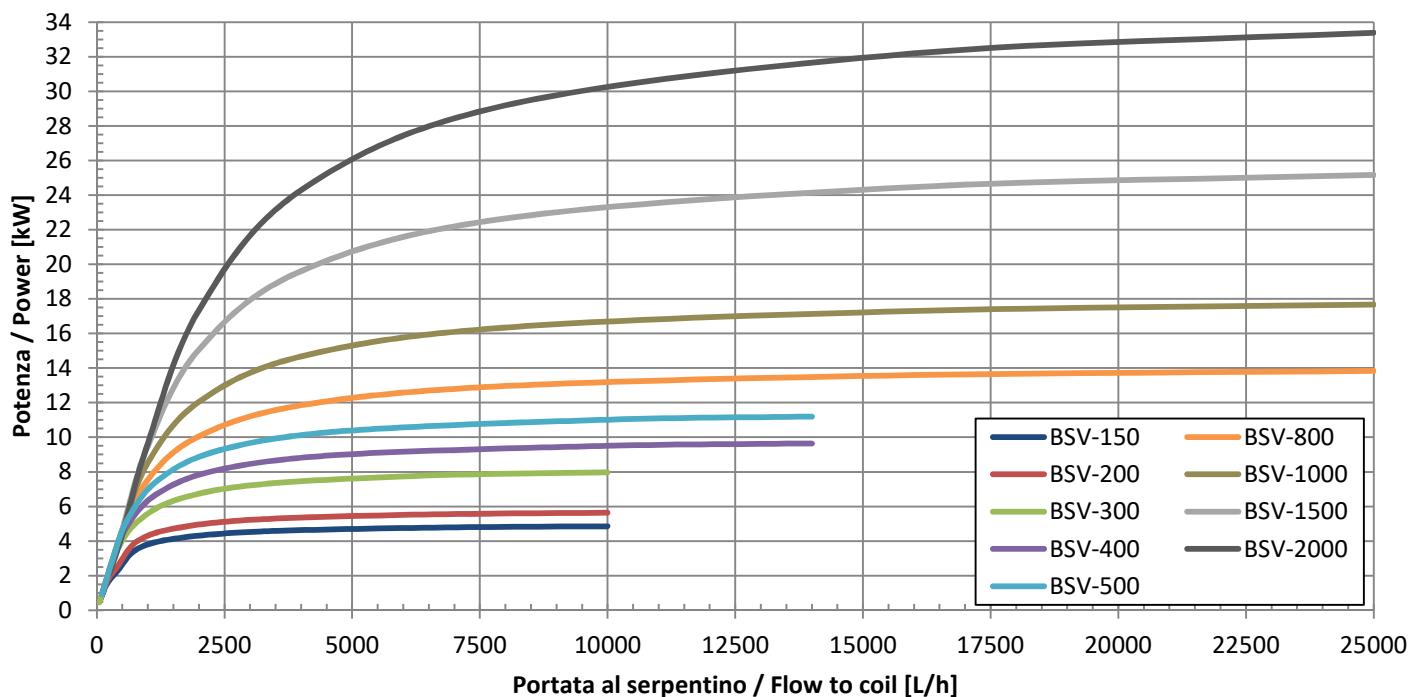
Potenza scambiata / Exch. power

$T_{in,coil} = 60\text{ °C}$; $T_{serb,in} = 10\text{ °C}$, $T_{serb,out} = 45\text{ °C}$

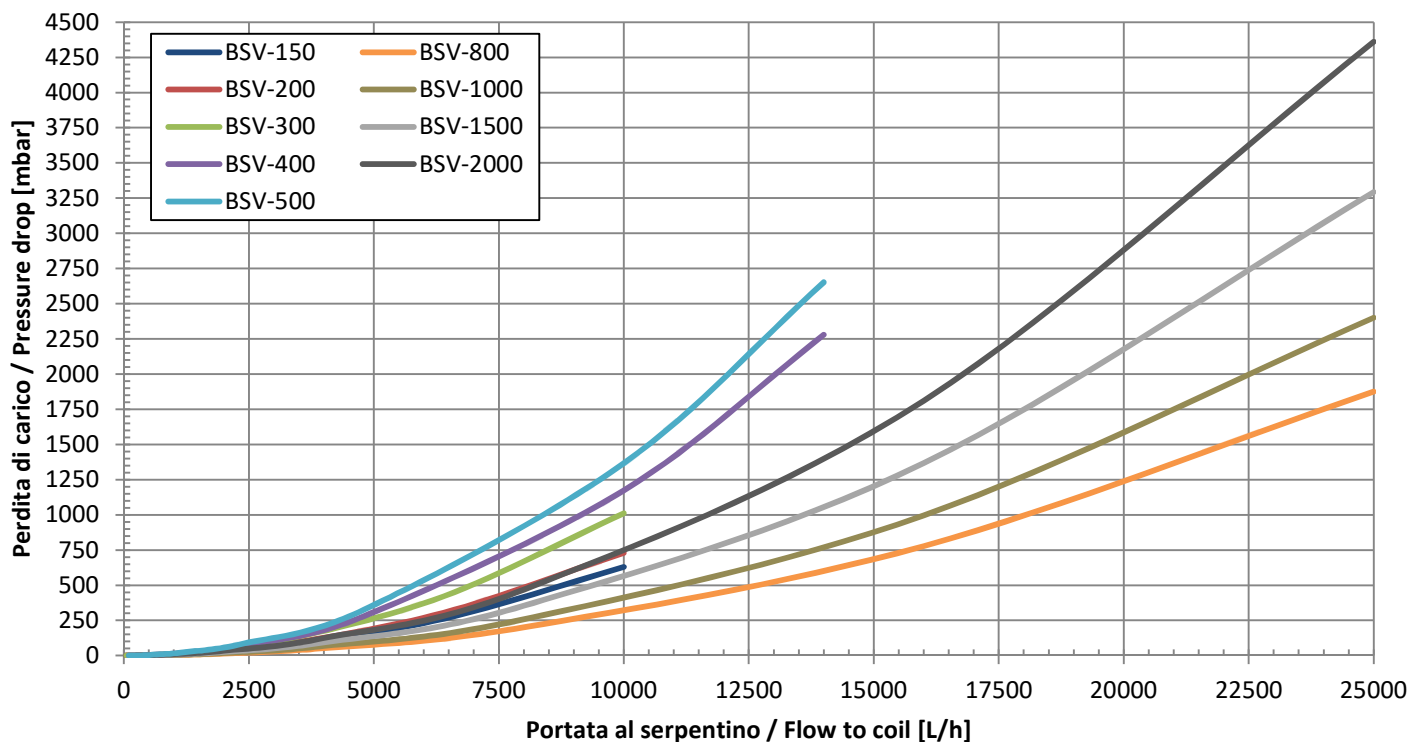


Potenza scambiata / Exch. power

$T_{in,coil} = 50\text{ °C}$; $T_{serb,in} = 10\text{ °C}$, $T_{serb,out} = 45\text{ °C}$



Perdite di carico sul serpentino / Coil pressure drop



Note / Notes:

1. Il serbatoio subisce un trattamento anticorrosivo interno di **VETRIFICAZIONE** in accordo con la norma DIN 4753 che assieme alla protezione catodica garantisce una protezione interna totale dalla corrosione ed è idoneo per il contenimento di acqua calda per uso igienico sanitario.

*Internal surface of cylinder is **VITREOUS ENAMELED** according to DIN 4753 standard, this treatment together with the cathodic protection guarantees total internal protection from corrosion and make it suitable for hot sanitary water applications.*

2. I bollitori serie **BSV** sono conformi all'art. 4.3 della **Direttiva 2014/68/UE** ed alla **Direttiva 2009/125/CE**.
BSV series cylinders are in compliance with Directive No. 2014/68/EU art. 4.3 and Directive 2009/125/CE.
3. I bollitori ELBI serie **BSV** sono garantiti **5 anni**.
5 years warranty on ELBI Hot Water Cylinders BSV series.