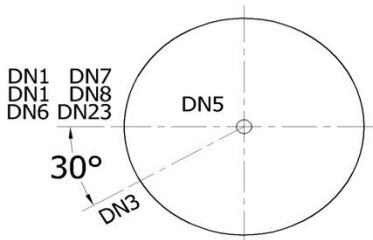
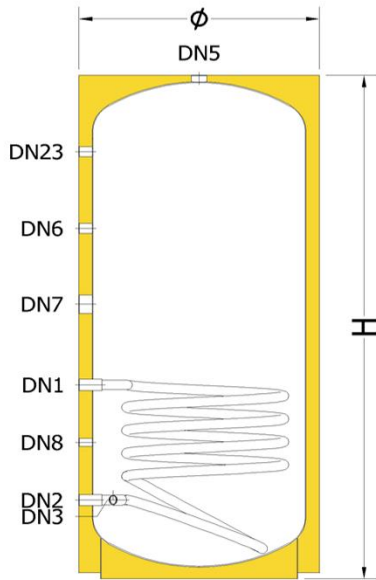
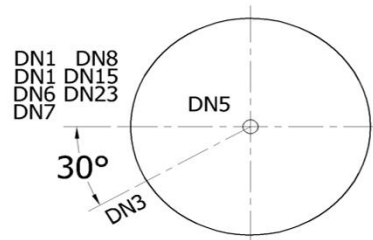
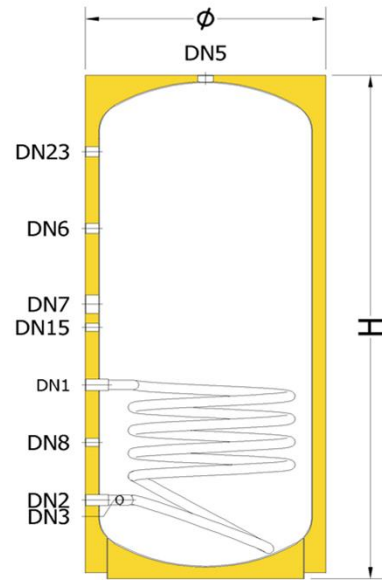


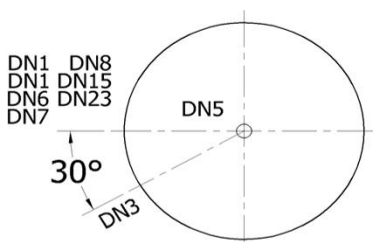
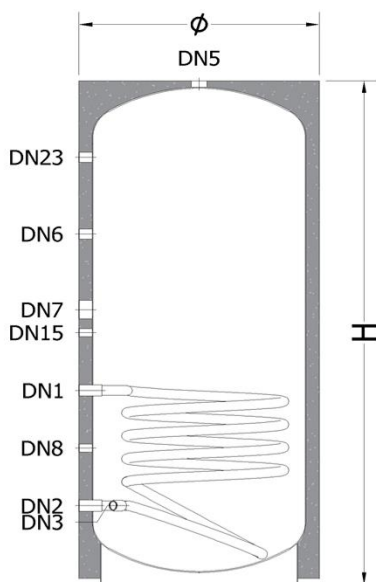
BXV 170



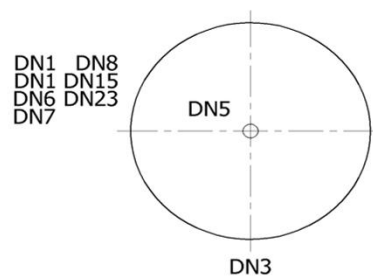
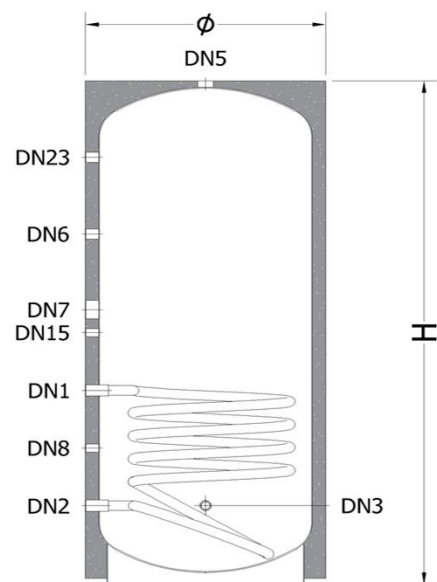
BXV 200÷300



BXV 400÷500



BXV 600÷1000



Dati dimensionali / Ratings data sheet

Pos.	Descrizione Description		Modello / Type								
			BXV								
Cod.	Codice Code		A3X0H45 VB005	A3X0H47 VB005	A3X0H49 VB005	A3X0H51 VB005	A3X0H53 VB005	A3X0H55 VB005	A3X0H57 VA010	A3X0H60 VA010	A3X0H62 VA010
-	Capacità nominale <i>Nominal capacity</i>	L	170	200	250	300	400	500	600	800	1000
-	Volume utile (accumulo) <i>Storage volume (DHW tank)</i>	L	173	224	274	320	401	471	576	781	977
-	Volume utile (serpentino) <i>Storage volume (coil)</i>	L	4	4	4	4	5	5	13	14	16
-	Superficie di scambio <i>Coil surface</i>	m ²	1,2	1,2	1,2	1,2	1,5	1,5	2,4	2,7	3
-	Classe di efficienza energetica <i>Energy efficiency class</i>		B	B	C	C	C	C	C	C	C
-	Dispersione termica <i>Standing loss</i>	W	51	61	71	79	93	104	110	118	129
∅	Diametro accumulatore <i>Cylinder diameter</i>	mm	610	610	610	610	710	710	850	950	990
H	Altezza <i>Height</i>	mm	1070	1320	1570	1820	1590	1820	2010	2075	2375
-	Quota di ribaltamento <i>Pivot measurement</i>	mm	1240	1460	1690	1920	1750	1960	2190	2290	2580
DN1	Quota connessione <i>Connection height</i>	mm	495	495	495	495	495	495	740	785	955
DN2	Quota connessione <i>Connection height</i>	mm	215	215	215	215	215	215	310	355	355
DN3	Quota connessione <i>Connection height</i>	mm	495	495	495	495	495	495	740	785	955
DN6	Quota connessione <i>Connection height</i>	mm	700	960	1055	1155	1155	1155	1250	1295	1495
DN7	Quota connessione <i>Connection height</i>	mm	615	680	790	890	790	610	985	1030	1225
DN8	Quota connessione <i>Connection height</i>	mm	355	310	355	355	355	355	450	495	555
DN15	Quota connessione <i>Connection height</i>	mm	/	590	675	775	675	775	870	915	1090
DN23	Quota connessione <i>Connection height</i>	mm	845	1095	1345	1595	1345	1595	1690	1735	2035

Modello / Type

Pos.	Descrizione Description	L	BXV								
			170	200	250	300	400	500	600	800	1000
-	Capacità nominale <i>Nominal capacity</i>										
DN1	Entrata fluido primario scambiatore Flow to heat exchanger		G $\frac{3}{4}$ "M	G $\frac{3}{4}$ "M	G $\frac{3}{4}$ "M	G1 $\frac{1}{4}$ "	G1 $\frac{1}{4}$ "	G $\frac{3}{4}$ "M	G1"	G1"	G1"
DN2	Uscita fluido primario scambiatore Flow from heat exchanger		G $\frac{3}{4}$ "M	G $\frac{3}{4}$ "M	G $\frac{3}{4}$ "M	G $\frac{3}{4}$ "M	G $\frac{3}{4}$ "M	G $\frac{3}{4}$ "M	G1"	G1"	G1"
DN3	Entrata acqua fredda sanitaria Mains water supply		G $\frac{3}{4}$ "M	G $\frac{3}{4}$ "M	G $\frac{3}{4}$ "M	G $\frac{3}{4}$ "M	G1"	G1"	G1 $\frac{1}{2}$ "	G1 $\frac{1}{2}$ "	G1 $\frac{1}{2}$ "
DN5	Uscita acqua calda DHW draw-off		G $\frac{3}{4}$ "	G $\frac{3}{4}$ "	G $\frac{3}{4}$ "	G $\frac{3}{4}$ "	G1"	G1"	G1 $\frac{1}{2}$ "	G1 $\frac{1}{2}$ "	G1 $\frac{1}{2}$ "
DN6	Ricircolo Recirculation		G $\frac{3}{4}$ "	G $\frac{3}{4}$ "	G $\frac{3}{4}$ "	G $\frac{3}{4}$ "	G $\frac{3}{4}$ "	G $\frac{3}{4}$ "	G1"	G1"	G1"
DN7	Predisp. per resistenza elettrica Provision for immersion heater		G1 $\frac{1}{2}$ "	G1 $\frac{1}{2}$ "	G1 $\frac{1}{2}$ "	G1 $\frac{1}{2}$ "	G1 $\frac{1}{2}$ "	G1 $\frac{1}{2}$ "	G1 $\frac{1}{2}$ "	G1 $\frac{1}{2}$ "	G1 $\frac{1}{2}$ "
DN8	Termostato Thermostat		G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "
DN15	Sonda Probe		/	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "
DN23	Valvola di sicurezza Safety valve		G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "	G $\frac{1}{2}$ "

Pressione massima di esercizio (accumulo) Max. working pressure (cylinder)	bar	6
Temperatura massima di esercizio (accumulo) Max. working temperature (cylinder)	°C	+95
Pressione massima di esercizio (serpentino) Max. working pressure (coil)	bar	10
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
BXV-170	Poliuretano espanso rigido con il 95% di cellule chiuse, esente CFC e HCFC, classe di resistenza al fuoco B2 secondo DIN 4102-1 Rigid expanded polyurethane with 95% closed cells, CFC and HCFC free, fire resistance class B2 acc. to DIN 4102-1	50 mm	PVC blu RAL 5017 PVC blue RAL 5017
BXV-200			
BXV-250			
BXV-300	Polistirolo caricato con grafite, classe di resistenza al fuoco E secondo EN 13501-1 Graphite polystyrene, fire resistance class E acc. to EN 13501-1	50 mm	PVC blu RAL 5017 PVC blue RAL 5017
BXV-400			
BXV-500			
BXV-600			
BXV-800			
BXV-1000	100 mm		

Dispositivi di protezione / Protective devices:

Modello Type	Vaso di espansione raccomandato lato ACS(*) Recommended sanitary expansion tank(*)
BXV-170	DP-8
BXV-200	DP-11
BXV-250	DP-18
BXV-300	DP-18
BXV-400	DP-24
BXV-500	DP-24
BXV-600	DP-35
BXV-800	DPV-50
BXV-1000	DPV-80

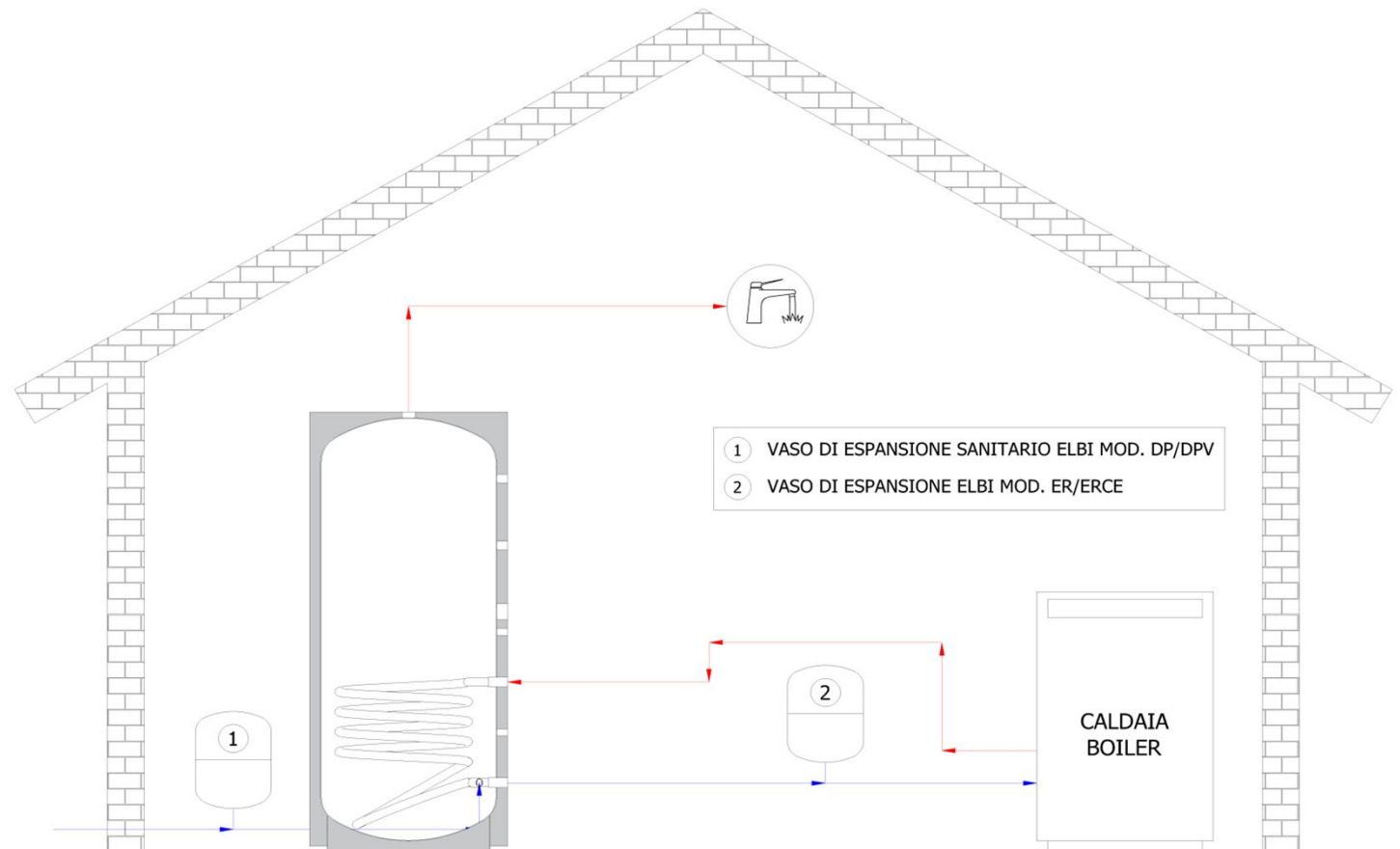
(*) Il vaso di espansione deve essere sempre dimensionato da un progettista termotecnico esperto sulla base dei dati effettivi dell'impianto.

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 BXV type									
					170	200	250	300	400	500	600	800	1000	
RESISTENZE SENZA TERMOSTATO / IMMERSION HEATERS WITHOUT THERMOSTAT														
8601000	1	220V / 1F	1½"	295	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8601650	1,65	220V / 1F	1½"	450	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8602000	2	220V / 1F	1½"	515	x	x	x	x	✓	✓	✓	✓	✓	✓
8602600	2,6	220V / 1F	1½"	675	x	x	x	x	x	x	x	✓	✓	✓
8602601	2,6	220V / 1F	1½"	360	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8603301	3,3	220V / 1F	1½"	435	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8604001	4	220V / 1F	1½"	510	x	x	x	x	✓	✓	✓	✓	✓	✓
8705000	5	380V / 3F	1½"	445	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8706000	6	380V / 3F	1½"	510	x	x	x	x	✓	✓	✓	✓	✓	✓
8708000	8	380V / 3F	1½"	670	x	x	x	x	x	x	x	✓	✓	✓
RESISTENZE CON TERMOSTATO / IMMERSION HEATERS WITH THERMOSTAT														
8708000	1,5	220V / 1F	1½"	320	x	x	x	x	x	x	x	✓	✓	✓
8T02000	2	220V / 1F	1½"	320	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8T02200	2,2	220V / 1F	1½"	320	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8T02500	2,5	220V / 1F	1½"	320	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8T03000	3	220V / 1F	1½"	320	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8T04000	4	380V / 3F	1½"	400	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8T05000	5	380V / 3F	1½"	500	x	x	x	x	✓	✓	✓	✓	✓	✓
8T06000	6	380V / 3F	1½"	600	x	x	x	x	x	x	✓	✓	✓	✓
8T09000	9	380V / 3F	1½"	700	x	x	x	x	x	x	x	✓	✓	✓

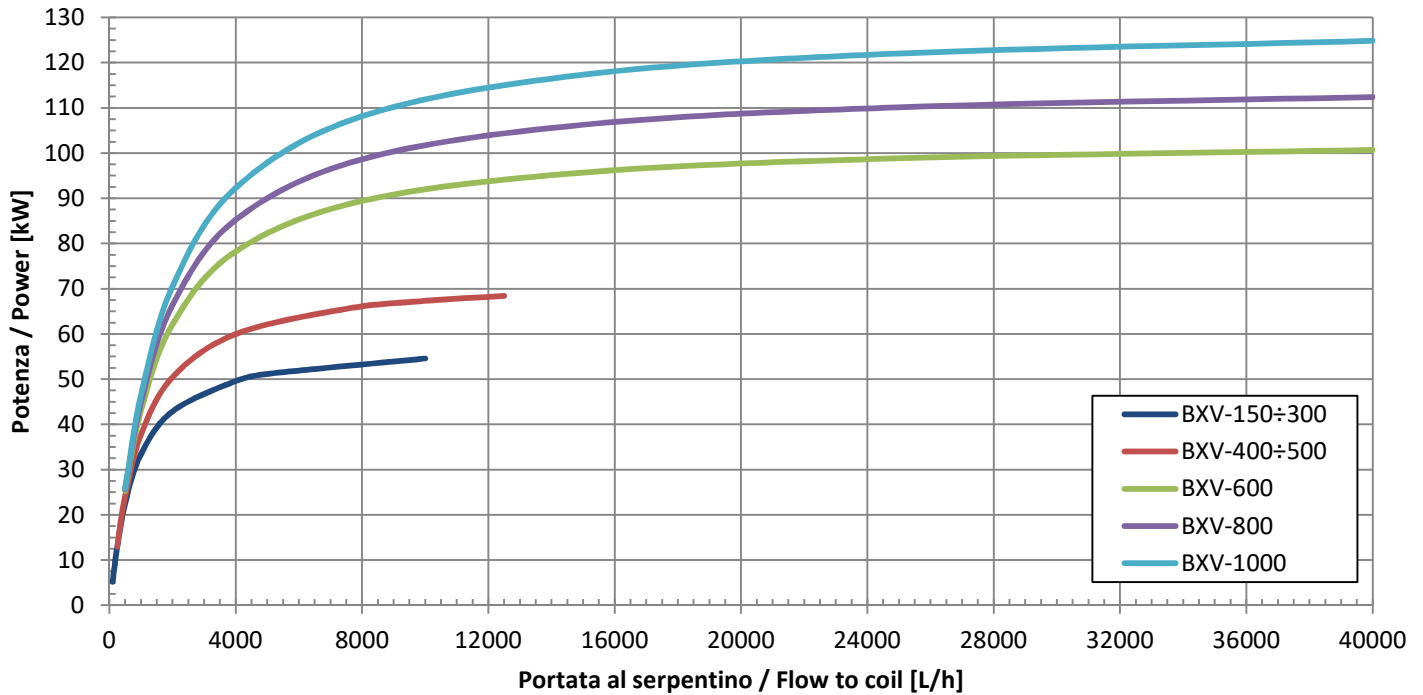
Esempio di installazione / Installation scheme:



Prestazioni teoriche / typical performances:

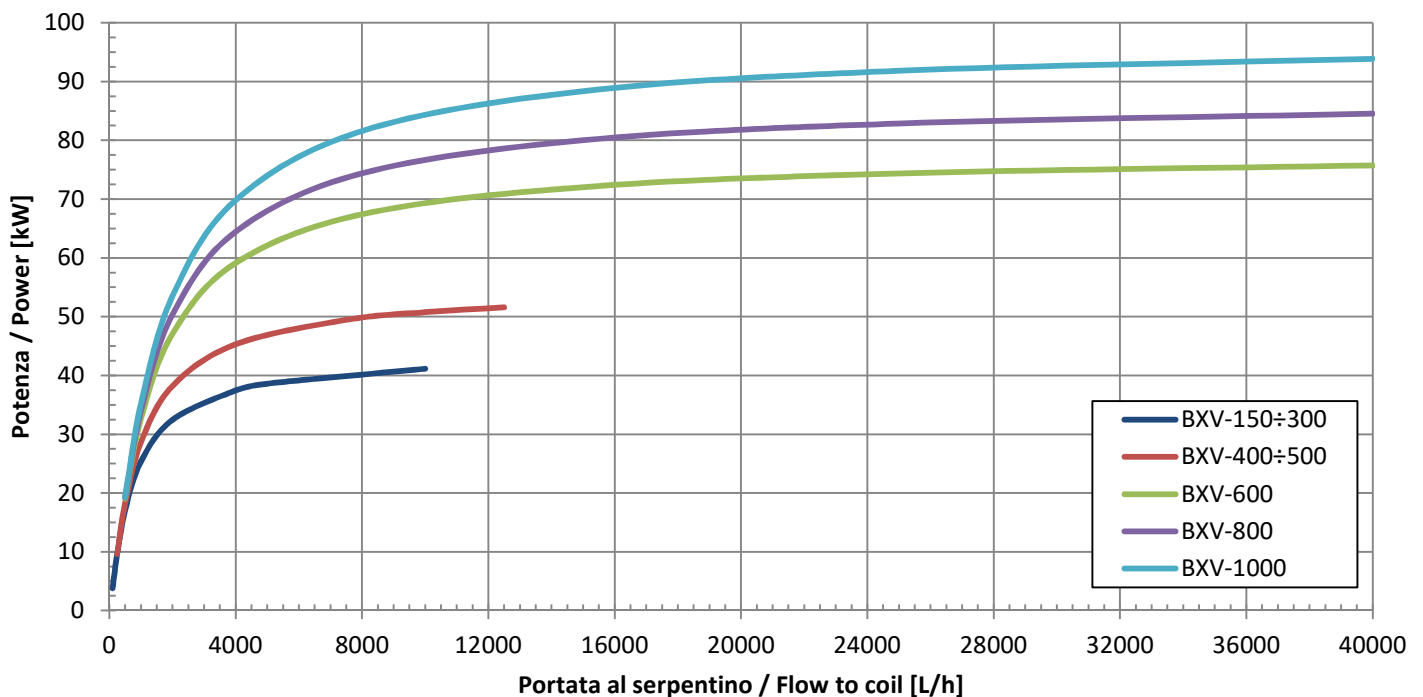
Potenza scambiata / Exch. power

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



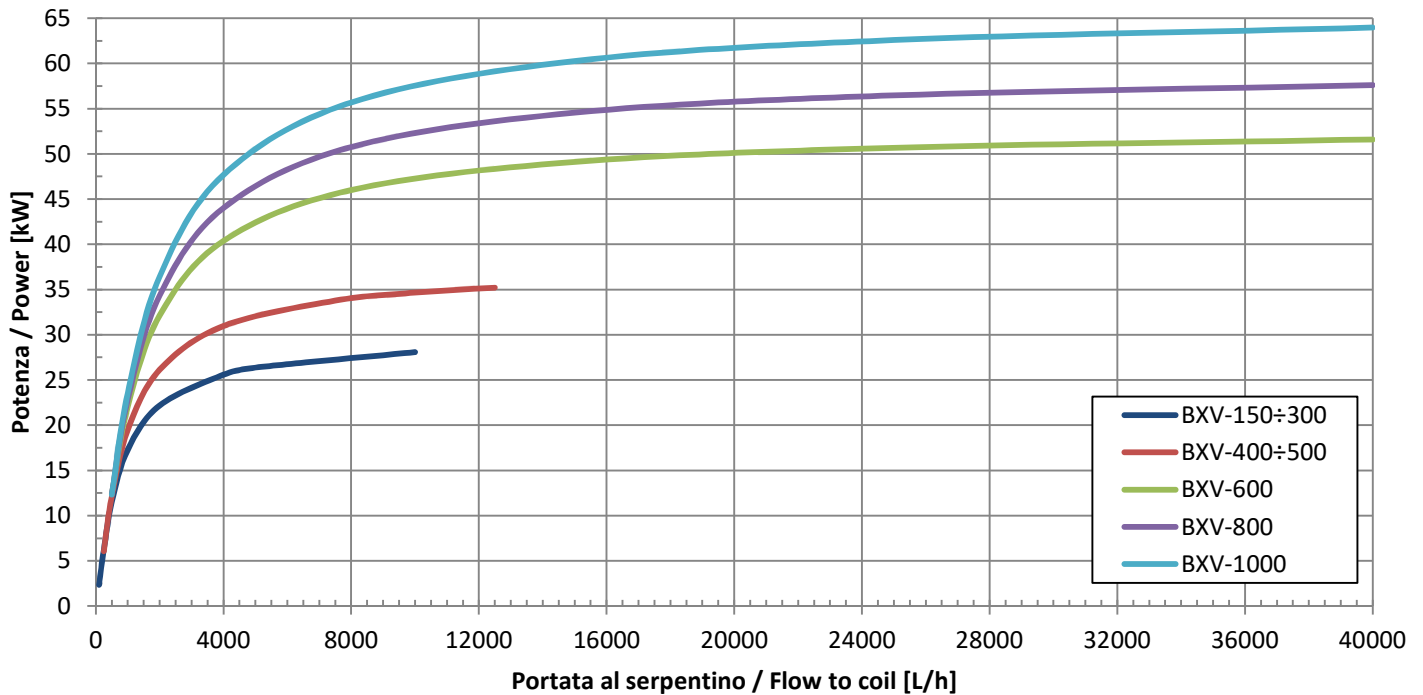
Potenza scambiata / Exch. power

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



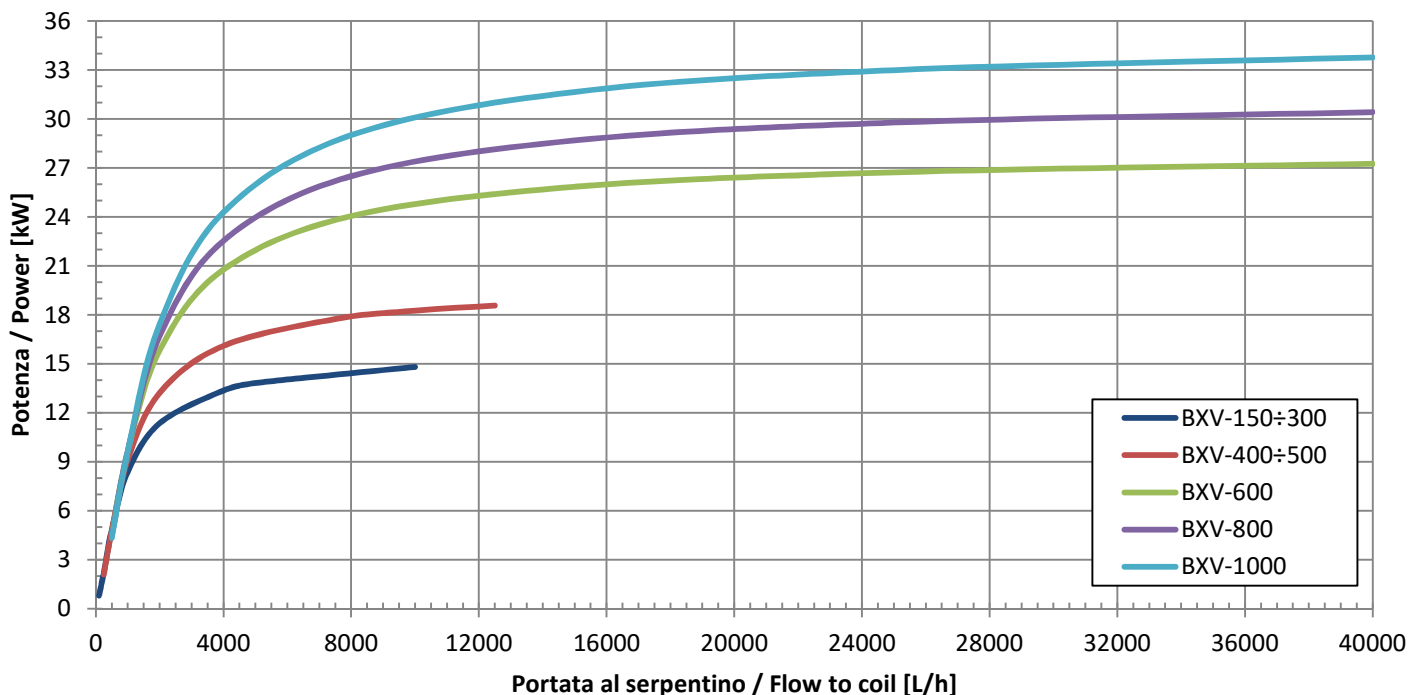
Potenza scambiata / Exch. power

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

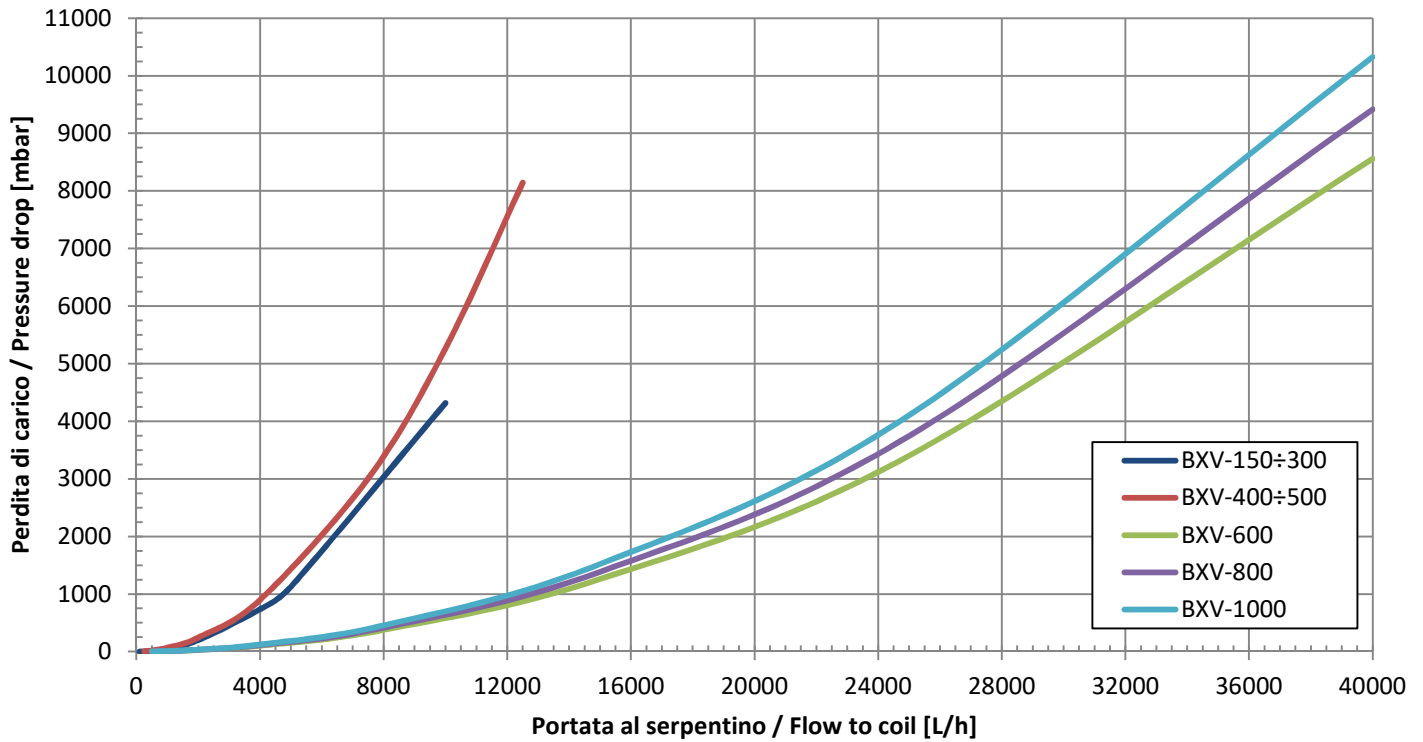


Potenza scambiata / Exch. power

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



Perdite di carico sul serpentino / Coil pressure drop



Note / Notes:

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