Dati dimensionali / Ratings data sheet

Pos.	Descrizione / Description		Modello / Type BXT							
Cod.	Codice / Code		A3Y0H47 VB005	A3Y0H49 VB005	A3Y0H51 VB005	A3Y0H53 VB005	A3Y0H55 VB005	A3Y0H57 VA010	A3Y0H60 VA010	A3Y0H62 VA010
-	Capacità nominale *Nominal capacity*	L	**200**	**250**	**300**	**400**	**500**	**600**	**800**	**1000**
-	Volume utile (accumulo) *Storage volume (DHW tank)*	L	220	270	316	396	466	571	770	966
-	Volume utile (serpentino solare) *Storage volume (solar coil)*	L	4	4	4	5	5	13	14	16
-	Superficie di scambio (serpentino solare) *Solar coil surface*	m^2	1,2	1,2	1,2	1,5	1,5	2,4	2,7	3
-	Volume utile (serpentino integrazione) *Storage volume (integration coil)*	L	4	4	4	5	5	5	11	11
-	Superficie di scambio (serpentino integrazione) *Integration coil surface*	m^2	1,2	1,2	1,2	1,5	1,5	1,5	2	2
-	Classe di efficienza energetica *Energy efficiency class*		C	C	C	C	C	C	C	C
-	Dispersione termica *Standing loss*	W	66	71	79	93	104	110	118	129
Ø	Diametro accumulatore *Cylinder diameter*	mm	610	610	610	710	710	850	950	990
H	Altezza *Height*	mm	1320	1570	1820	1590	1820	2010	2075	2375
-	Quota di ribaltamento *Pivot measurement*	mm	1460	1690	1920	1750	1960	2190	C	2580
DN1	Quota connessione *Connection height*	mm	495	495	495	495	495	740	785	955
DN2	Quota connessione *Connection height*	mm	215	215	215	215	215	310	355	355
DN3	Quota connessione *Connection height*	mm	215	215	215	215	215	310	355	355
DN6	Quota connessione *Connection height*	mm	960	1055	1155	1155	1155	1250	1295	1495
DN7	Quota connessione *Connection height*	mm	680	790	890	790	610	985	1030	1225
DN8	Quota connessione *Connection height*	mm	310	355	355	355	355	450	495	555
DN16	Quota connessione *Connection height*	mm	1095	1295	1295	1295	1295	1390	1435	1635
DN17	Quota connessione *Connection height*	mm	815	1015	1015	1015	1015	1110	1155	1355
DN23	Quota connessione *Connection height*	mm	1095	1445	1595	1445	1595	1690	1735	2035

Pos.	Descrizione Description		Modello / Type BXT							
-	Capacità nominale *Nominal capacity*	L	**200**	**250**	**300**	**400**	**500**	**600**	**800**	**1000**
DN1	Entrata da pannello solare Inlet from solar panel		G¾"M	G¾"M	G1¼"	G1¼"	G¾"M	G1"	G1"	G1"
DN2	Uscita a pannello solare Return to solar panel		G¾"M	G¾"M	G¾"M	G¾"M	G¾"M	G1"	G1"	G1"
DN3	Entrata acqua fredda sanitaria Mains water supply		G¾"M	G¾"M	G¾"M	G1"	G1"	G1½"	G1½"	G1½"
DN5	Uscita acqua calda DHW draw-off		G¾"	G¾"	G¾"	G1"	G1"	G1½"	G1½"	G1½"
DN6	Ricircolo Recirculation		G¾"	G¾"	G¾"	G¾"	G¾"	G1"	G1"	G1"
DN7	Predisp. per resistenza elettrica Provision for immersion heater		G1½"	G1½"	G1½"	G1½"	G1½"	G1½"	G1½"	G1½"
DN8	Termostato Thermostat		G½"	G½"	G½"	G½"	G½"	G½"	G½"	G½"
DN16	Entrata da caldaia Inlet from boiler		G¾"M	G¾"M	G¾"M	G¾"M	G¾"M	G1"	G1"	G1"
DN17	Uscita a caldaia Return to boiler		G¾"M	G¾"M	G¾"M	G¾"M	G¾"M	G1"	G1"	G1"
DN23	Valvola di sicurezza Safety valve		G½"	G½"	G½"	G½"	G½"	G½"	G½"	G½"

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 (serpentini) Max. working pressure (coils)	bar	10
Temperatura massima di esercizio (serpentini) Max. working temperature (coils)	°C	+110

Caratteristiche della coibentazione / Insulation characteristics:

Modello Type	Tipo coibentazione Insulation type	Spessore coibentazione Insulation thickness	Finitura Finish
BXT-200	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 polyrethane with 95% closed cells, CFC and HCFC free, fire resistance class B2 acc. to DIN 4102-1	50 mm	PVC grigio RAL 9006 PVC gray RAL 9006
BXT-250			
BXT-300			
BXT-400	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 grigio RAL 9006 PVC gray RAL 9006
BXT-500			
BXT-600		100 mm	
BXT-800			
BXT-1000			

Dispositivi di protezione / Protective devices:

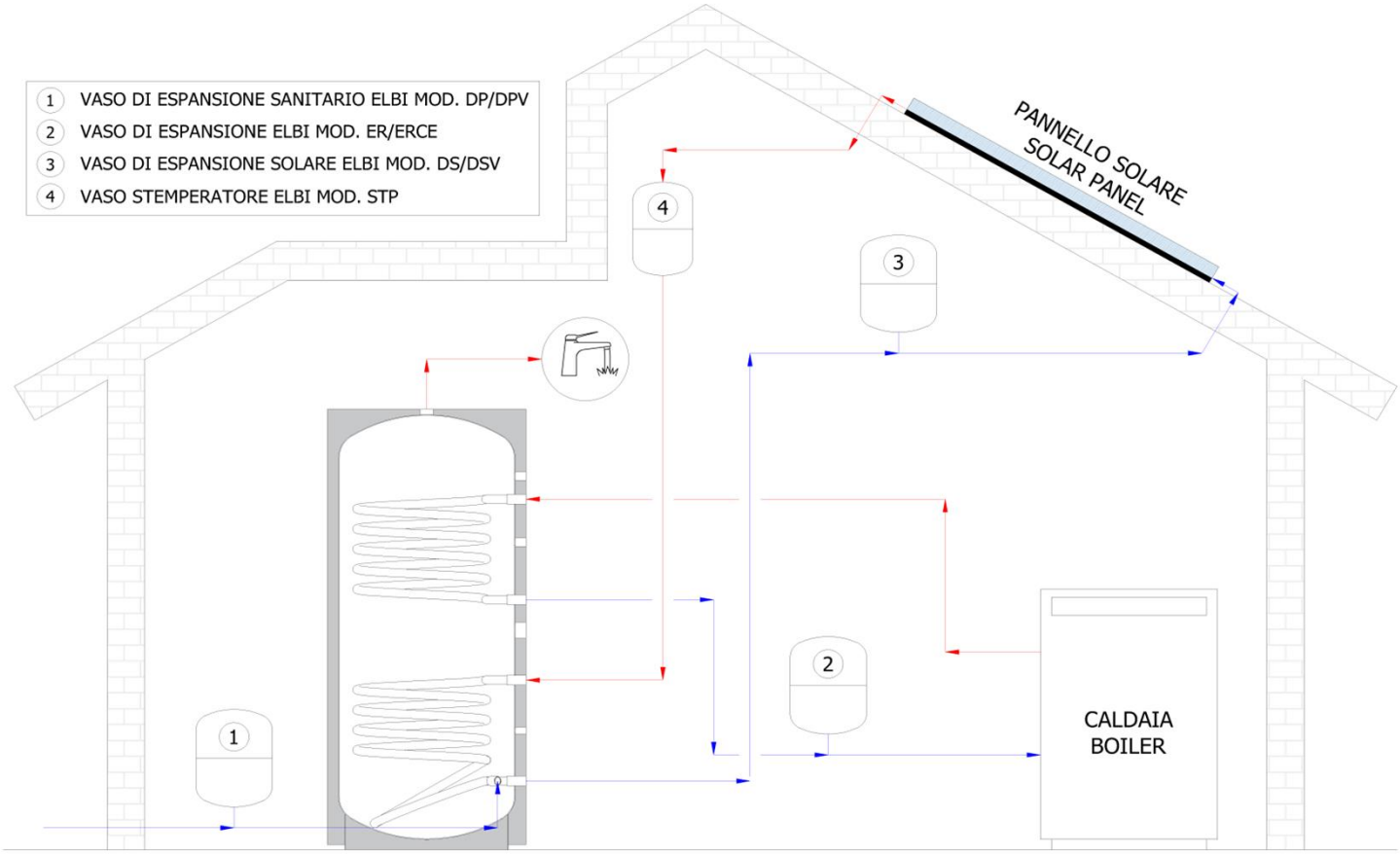
Modello Type	Vaso di espansione raccomandato lato ACS(*) Reccomended sanitary expansion tank(*)
BXT-200	DP-11
BXT-250	DP-18
BXT-300	DP-18
BXT-400	DP-24
BXT-500	DP-24
BXT-600	DP-35
BXT-800	DPV-50
BXT-1000	DPV-80

(*) 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.

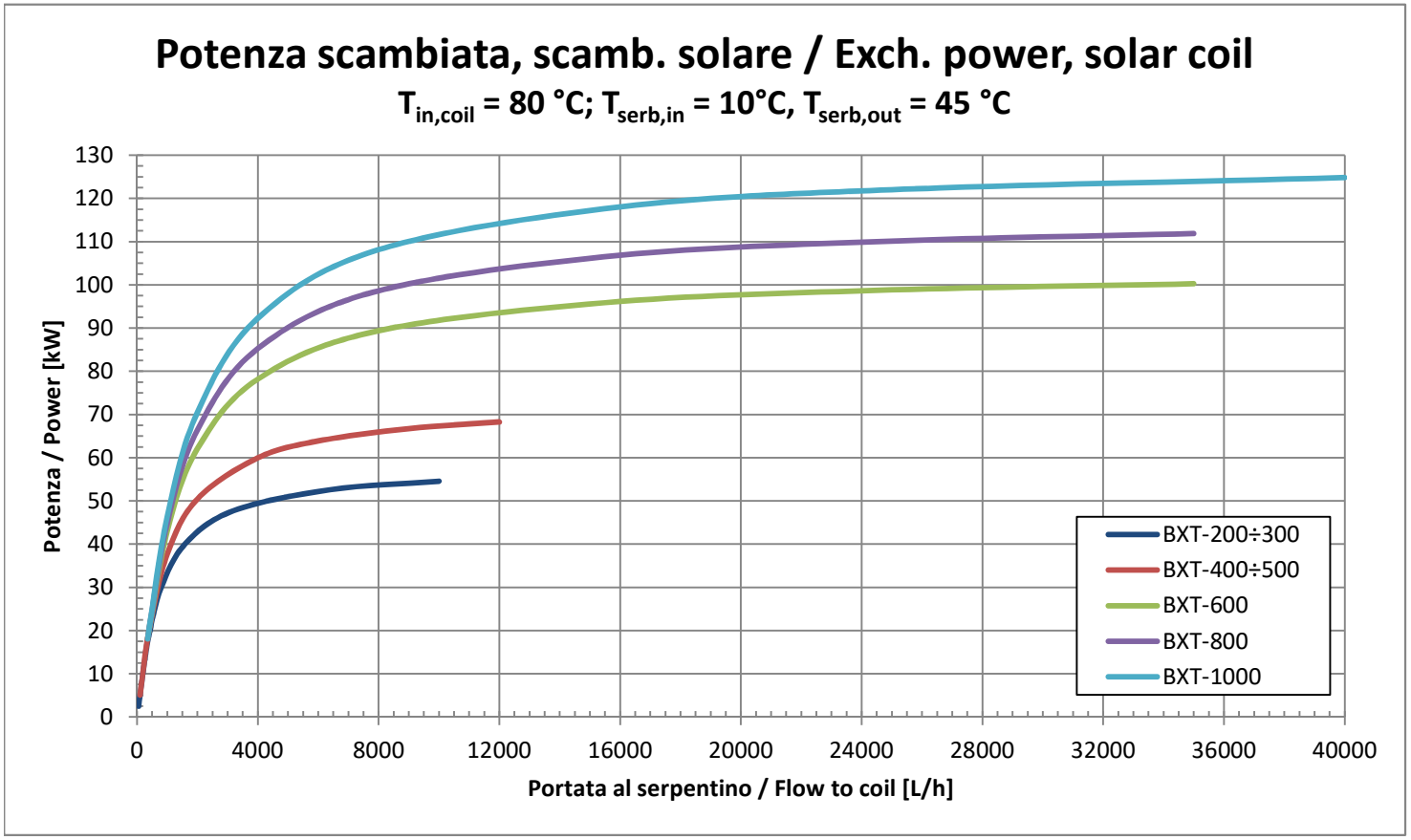
Resistenze elettriche / Immersion heaters:

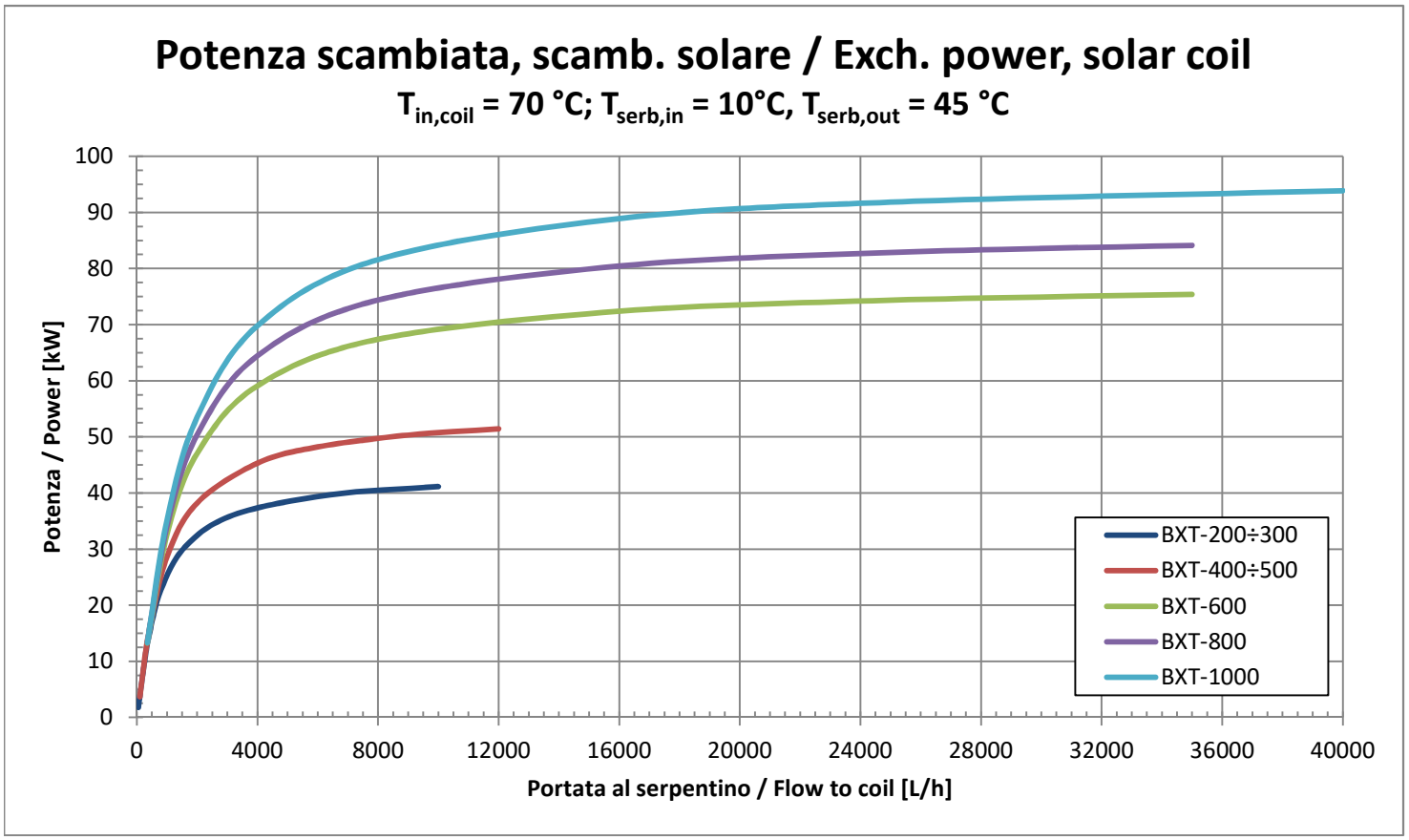
Codice Code	Potenza Power	Alimentazione Source	Attacco Connection	Lunghezza Length	Applicabilità / Applicable to BXT type							
					200	250	300	400	500	600	800	1000
RESISTENZE SENZA TERMOSTATO / *IMMERSION HEATERS WITHOUT THERMOSTAT*												
8601000	1	220V / 1F	1¼"	295	✓	✓	✓	✓	✓	✓	✓	✓
8601650	1,65	220V / 1F	1¼"	450	✓	✓	✓	✓	✓	✓	✓	✓
8602000	2	220V / 1F	1¼"	515	×	×	×	✓	✓	✓	✓	✓
8602600	2,6	220V / 1F	1¼"	675	×	×	×	×	×	×	✓	✓
8602601	2,6	220V / 1F	1¼"	360	✓	✓	✓	✓	✓	✓	✓	✓
8603301	3,3	220V / 1F	1¼"	435	✓	✓	✓	✓	✓	✓	✓	✓
8604001	4	220V / 1F	1¼"	510	×	×	×	✓	✓	✓	✓	✓
8705000	5	380V / 3F	1½"	445	✓	✓	✓	✓	✓	✓	✓	✓
8706000	6	380V / 3F	1½"	510	×	×	×	✓	✓	✓	✓	✓
8708000	8	380V / 3F	1½"	670	×	×	×	×	×	×	✓	✓
RESISTENZE CON TERMOSTATO / *IMMERSION HEATERS WITH THERMOSTAT*												
8708000	1,5	220V / 1F	1½"	320	×	×	×	×	×	×	✓	✓
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	×	×	×	✓	✓	✓	✓	✓
8T06000	6	380V / 3F	1½"	600	×	×	×	×	×	✓	✓	✓
8T09000	9	380V / 3F	1½"	700	×	×	×	×	×	×	✓	✓

Esempio di installazione / Installation scheme:



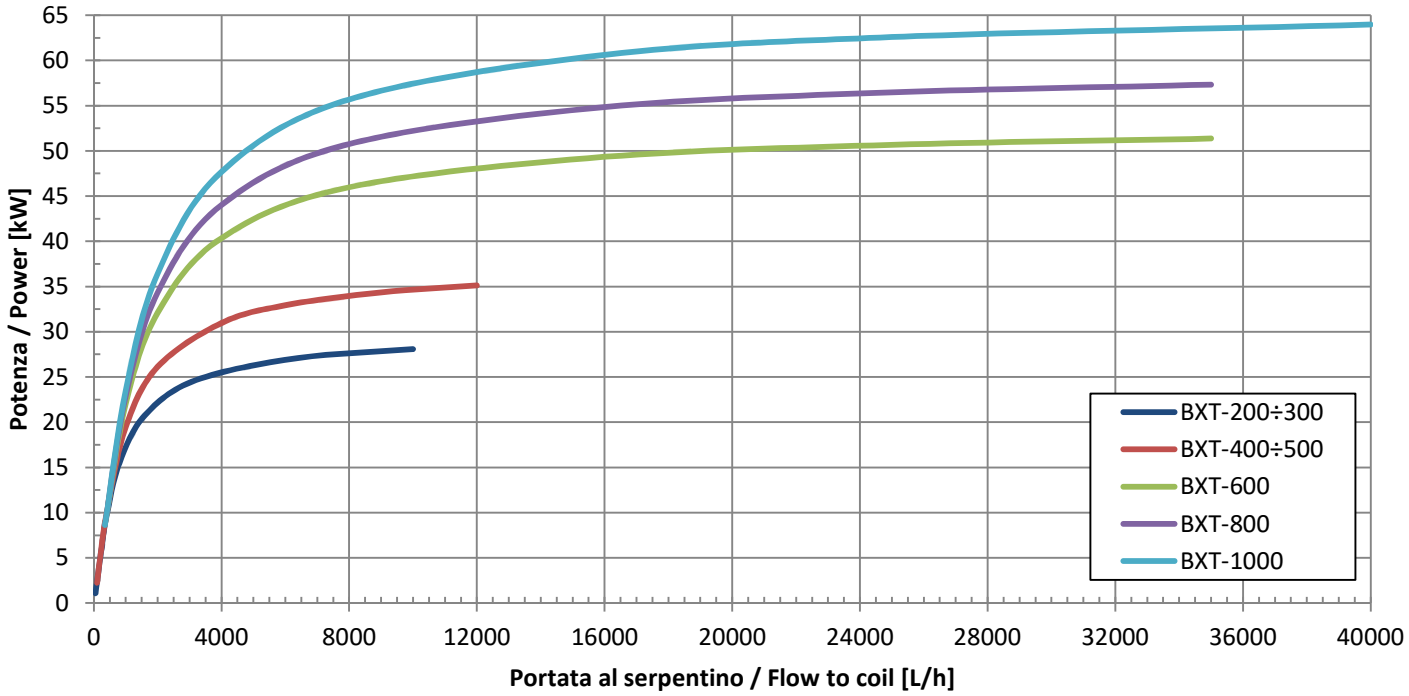
Prestazioni teoriche / typical performances:





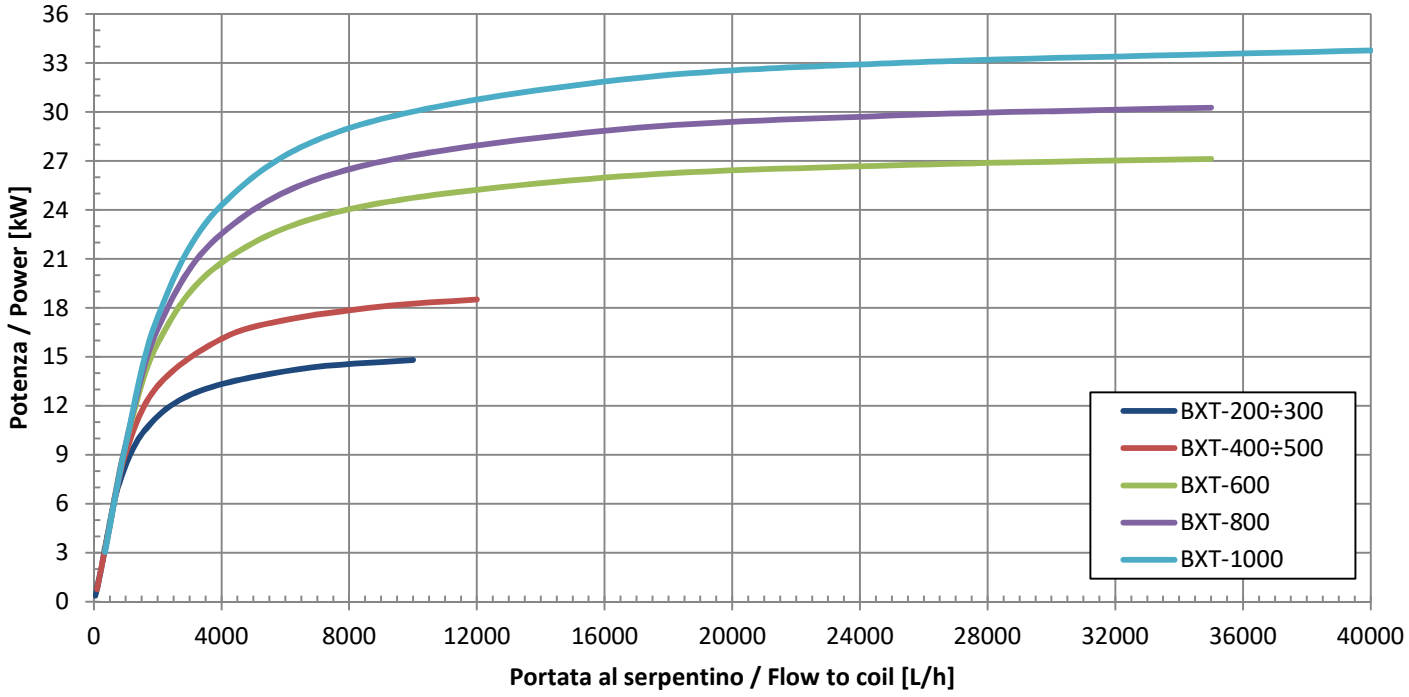
Potenza scambiata, scamb. solare / Exch. power, solar coil

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



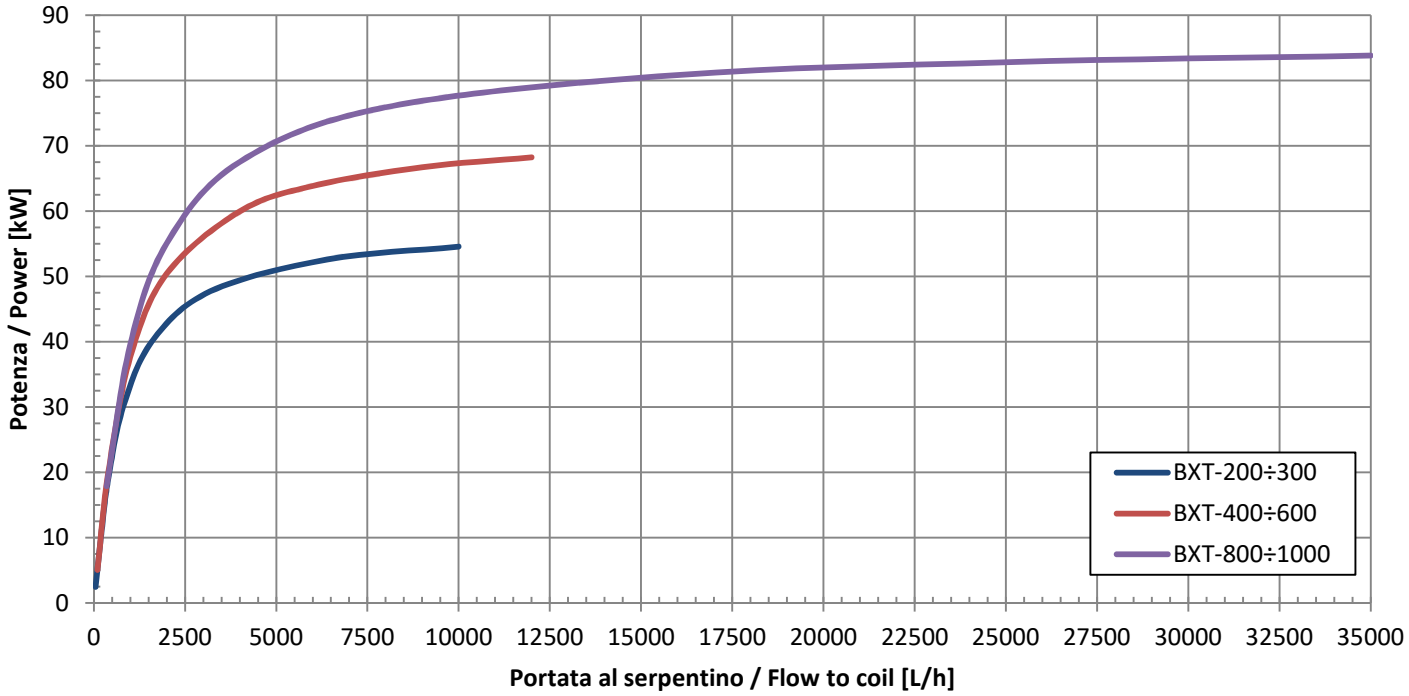
Potenza scambiata, scamb. solare / Exch. power, solar coil

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



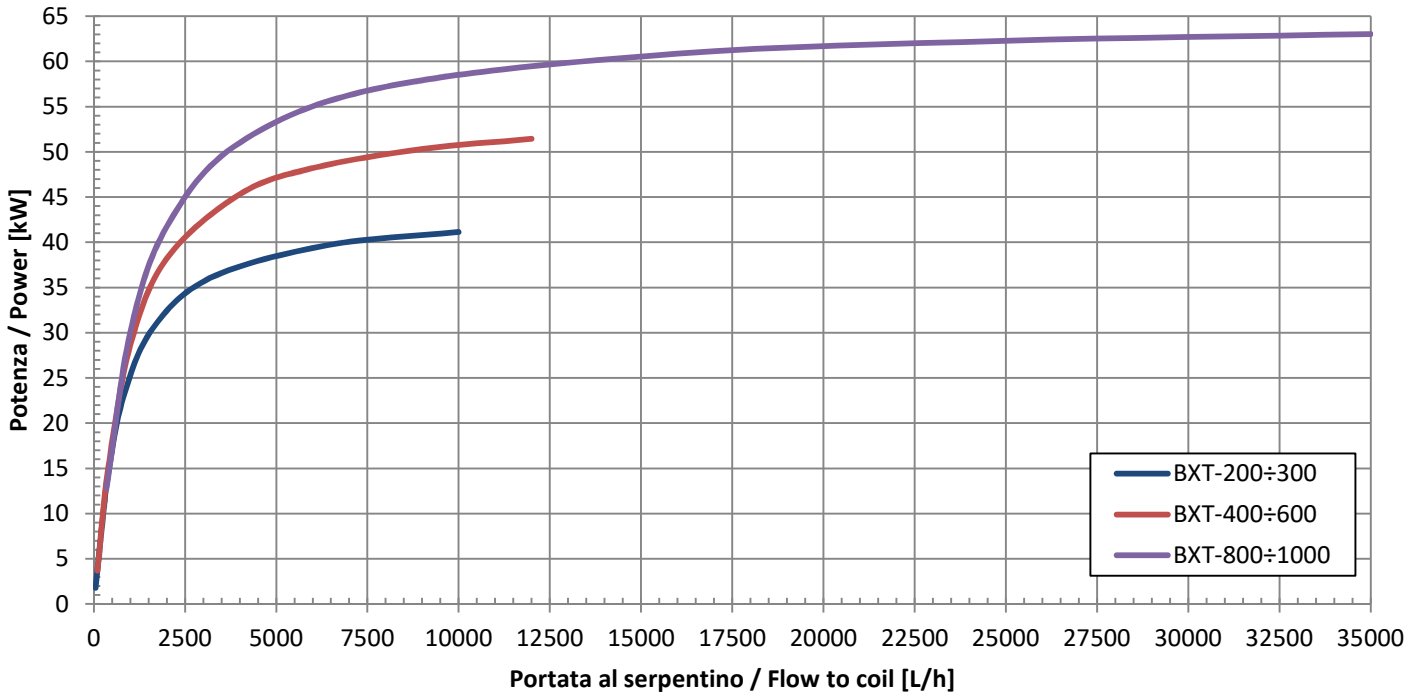
Potenza scambiata, scamb.integr./Exch. power, integr. coil

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



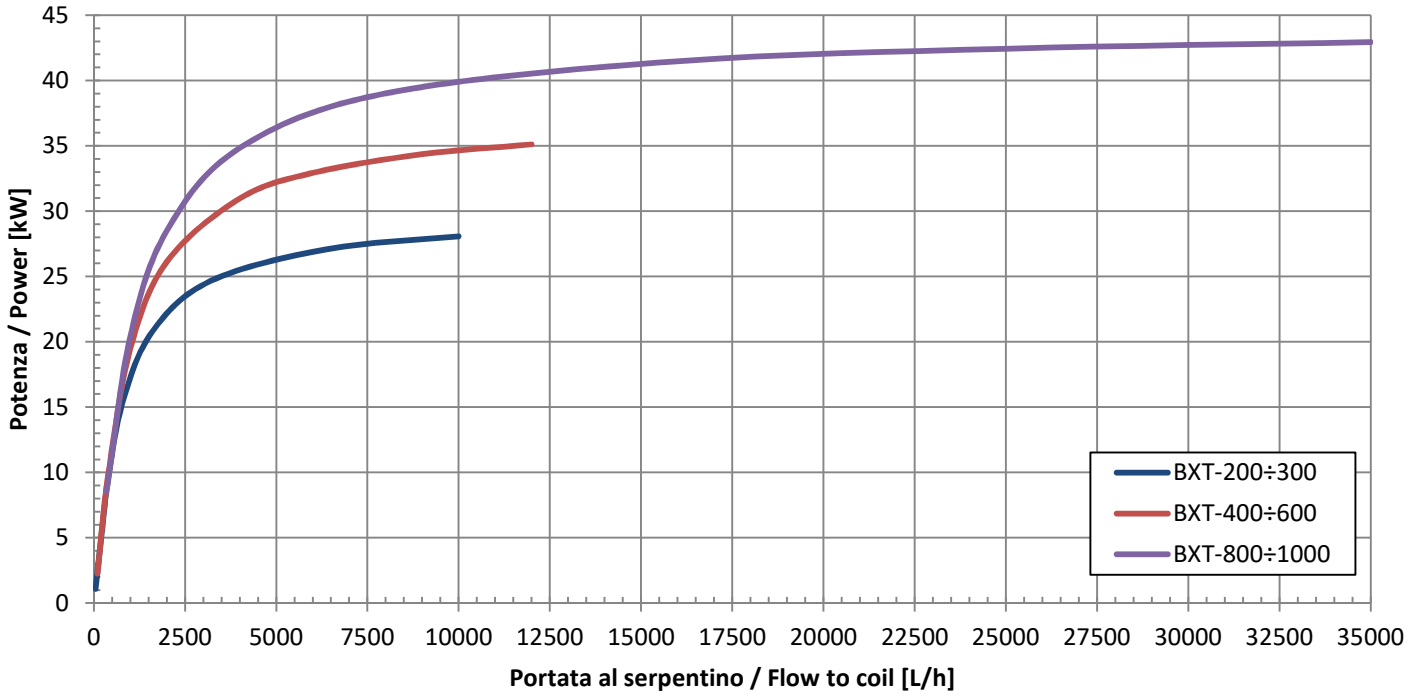
Potenza scambiata, scamb.integr./Exch. power, integr. coil

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



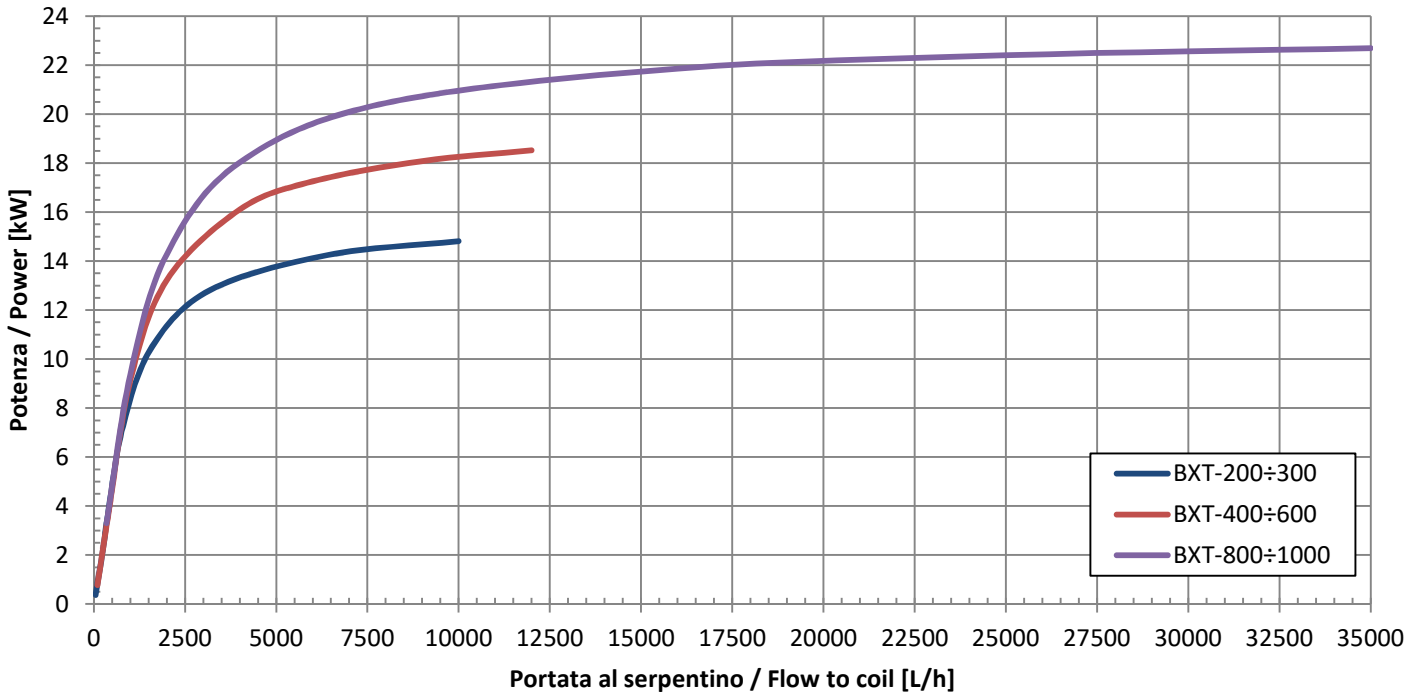
Potenza scambiata, scamb.integr./Exch. power, integr. coil

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

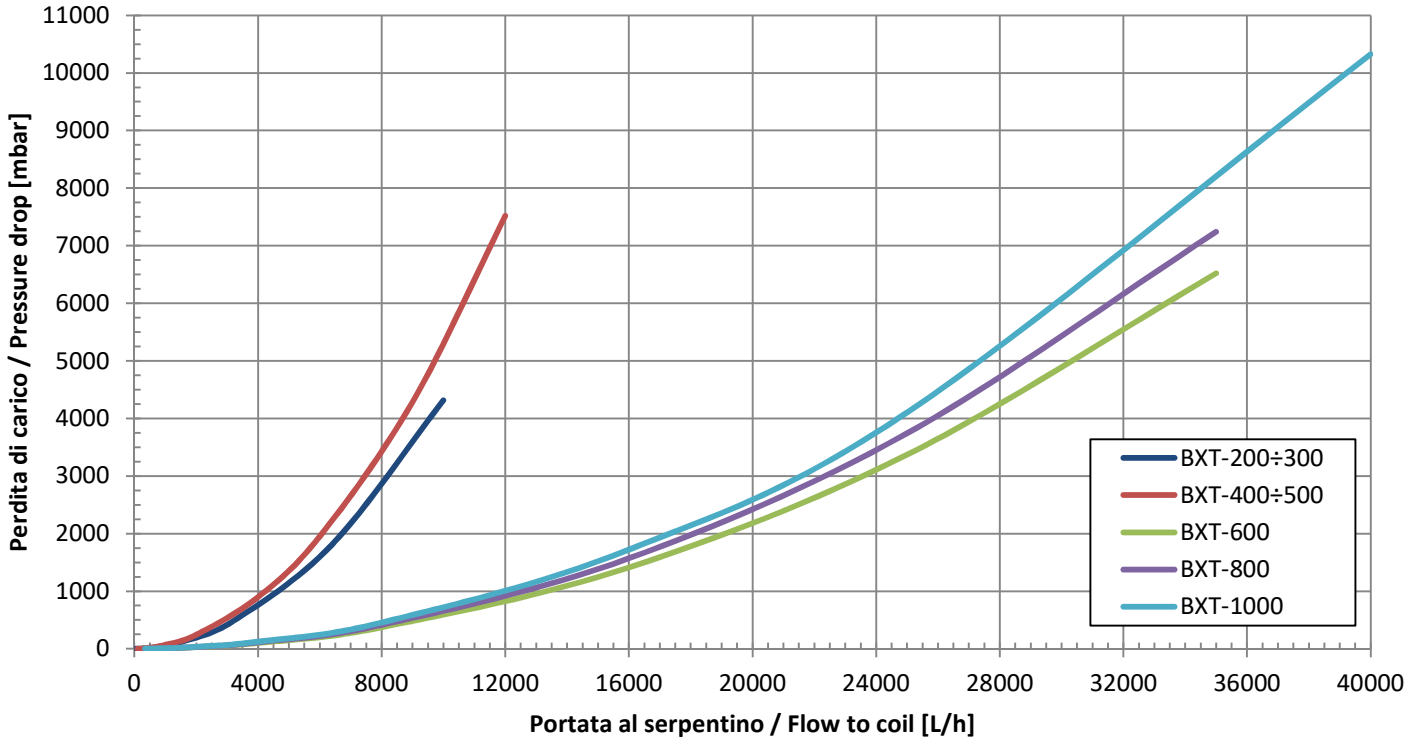


Potenza scambiata, scamb.integr./Exch. power, integr. coil

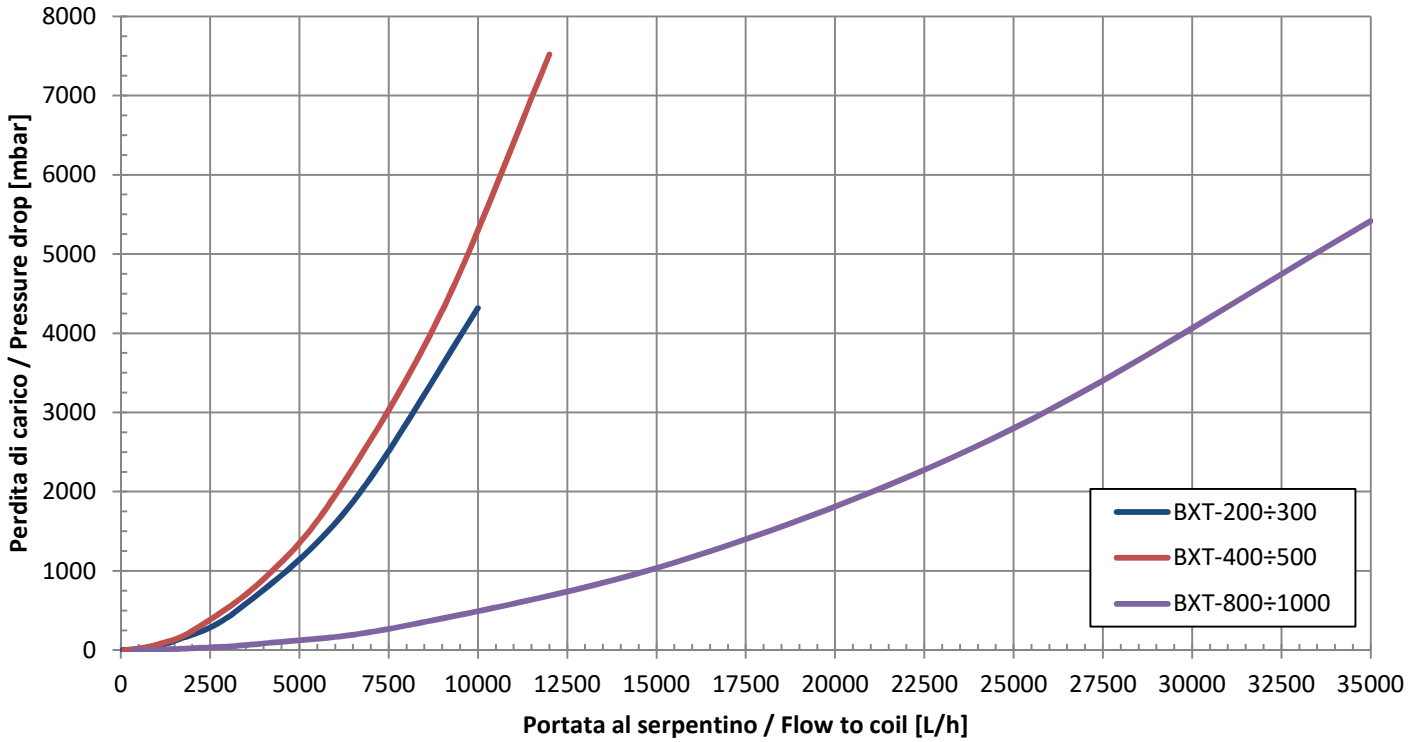
$T_{in,coil}$ = 50 °C; $T_{serb,in}$ = 10°C, $T_{serb,out}$ = 45 °C



Perdite di carico sul serp. solare / Solar coil pressure drop



Perdite di carico sul serp. integr. / Integr. coil press. drop



Note / Notes:

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