



**WARRANTY CERTIFICATE
CONFORMITY CERTIFICATE
HIGH EFFICIENCY HOT WATER CYLINDRES**

**AZIENDA CON SISTEMA DI GESTIONE
PER LA QUALITÀ CERTIFICATO DA DNV
= UNI EN ISO 9001:2008 =**

ELBI S.p.A. declares that the following articles/tanks are projected and manufactured in compliance with European Directive 97/23/CE (PED). The Hot Water Accumulator has 5 (five) years warranty from the delivery date and must be installed in accordance to the safety, installation, maintenance instructions supplied with the article.

TANK		BSH / BSV				BSV					
Capacity	lts	100	150	200	300	400	500	800	1000	1500	2000
Fluid		POTABLE/ HOT WATER									
Max working temp.	°C	95°									
Max working pressure	bar	10									
Hydrostatic Test Result		POSITIVE									
Hydrostatic Test		E.D. 3.3-97/23/CE (PED)									
Anticorrosive Treatment		GLASSLINED according to DIN4753 standard. The ELBI glasslining is suitable for potable/sanitary water in accordance to 82/711/CEE, 85/572/CEE, 90/128/CEE, 92/39/CEE, 93/8/CEE, 93/9/CEE, D.M.21/3/73, D.M.26/4/93 n°220, D.M.28/10/94 n°735									
Material		Carbon Steel S235JR EN10025									
HEAT EXCHANGERS											
Fixed heat exchangers											
Heat Exchangers Surface	m²	0,40	0,60	0,80	1,05	1,20	1,45	2,00	2,40	3,6	4,3
Max working pressure	bar	12									
Heat Exchanger Fluid		POTABLE/ HOT WATER ≤ 110°C									
Hydrostatic Test Result		POSITIVE									
Hydrostatic Test		E.D. 3.3-97/23/CE (PED)									
Material		Carbon Steel									
INSULATION		BSH 100 ÷ 300 (sp. 30 mm)				Injected Polyurethane c/w 95% closed cells with Cover (External finish): RAL 9006 grey colour Polystyrene					
		BSV 150 ÷ 1000 (sp. 50 mm)									
		BSV 800-1000 FI Ø 310 (sp. 50 mm)				Open cells flexible expanded Polyurethane with Cover (External finish): RAL 9001 white colour Sky					
		BSV 1500-200 FI Ø 310 (sp. 50 mm)									
CYLINDER											
BSM											
Capacity	lts	150	200	300	400	500	800	1000			
Heat exchanger fluid		POTABLE/ HOT WATER									
Max working temp.	°C	95°									
Max working pressure	bar	10									
Hydrostatic Test Result		POSITIVE									
Hydrostatic Test		E.D. 3.3-97/23/CE (PED)									
Anticorrosive Treatment		GLASSLINED according to DIN4753 standard. The ELBI glasslining is suitable for potable/sanitary water in accordance to 82/711/CEE, 85/572/CEE, 90/128/CEE, 92/39/CEE, 93/8/CEE, 93/9/CEE, D.M.21/3/73, D.M.26/4/93 n°220, D.M.28/10/94 n°735									
HEAT EXCHANGERS											
Fixed heat exchangers											
Heat Exchangers Surface	m²	1,10	1,50	1,90	2,10	2,60	3,50	4,50			
Max working pressure	bar	12									
Heat Exchanger Fluid		POTABLE/ HOT WATER ≤ 110°C									
Hydrostatic Test Result		POSITIVE									
Hydrostatic Test		E.D. 3.3-97/23/CE (PED)									
Material		Carbon Steel									
INSULATION		BSM 150 ÷ 1000 (sp. 50 mm)				Injected Polyurethane c/w 95% closed cells with Cover (External finish): RAL 9006 grey colour Polystyrene					
		BSM 800-1000 FI Ø 310 (sp. 50 mm)									
CYLINDER											
BST											
Capacity	lts	200	300	400	500	800	1000	1500	2000		
Heat exchanger fluid		POTABLE/ HOT WATER									
Max working temp.	°C	95°									
Max working pressure	bar	10									
Hydrostatic Test Result		POSITIVE									
Hydrostatic Test		E.D. 3.3-97/23/CE (PED)									
Anticorrosive Treatment		GLASSLINED according to DIN4753 standard. The ELBI glasslining is suitable for potable/sanitary water in accordance to 82/711/CEE, 85/572/CEE, 90/128/CEE, 92/39/CEE, 93/8/CEE, 93/9/CEE, D.M.21/3/73, D.M.26/4/93 n°220, D.M.28/10/94 n°735									
HEAT EXCHANGERS											
Fixed heat exchangers											
Heat Exchangers Surface (lower,upper)	m²	0,7 + 0,5	1,20 + 0,75	1,40 + 0,90	1,80 + 0,90	2,00 + 1,20	2,40 + 1,20	3,60+ 1,60	4,30+ 2,10		
Max working pressure	bar	12									
Heat exchanger fluid		POTABLE/ HOT WATER ≤ 110°C									
Hydrostatic Test Result		POSITIVE									
Hydrostatic Test		E.D. 3.3-97/23/CE (PED)									
Material		Carbon Steel									
INSULATION		BST 200 ÷ 1000 (sp. 50 mm)				Injected Polyurethane c/w 95% closed cells with Cover (External finish): RAL 9006 grey colour Polystyrene					
		BST 800-1000 FI Ø 310 (sp. 50 mm)									
		BST 1500-2000 FI Ø 310 (sp. 50 mm)									

TECHNICAL INFORMATION
(In the presence of more heat exchangers the total potentiality is estimated by adding singles potentialities of each single heat exchanger).

(REF. CATALOGUE "DOMESTIC HOT WATER CYLINDRES")

Amministratore Delegato
 ELBI S.p.A.