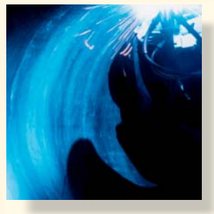

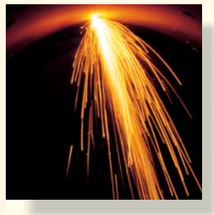

Who We Are

Elbi has over 45 years of experience in tank manufacturing and a worldwide reputation for quality. Our manufacturing plant located in Houston, TX started operations in 1990.

Another plant located in northern Italy is dedicated to the manufacturing of all diaphragms and bladders for Elbi tanks through modern injection molding processes, and holds the quality control of these critical components in-house.

Product design is handled by our internal development team. Our testing facilities and quality control services ensure that you get a quality product from design to installation. All components, including bladders, are manufactured in house to ensure total control of the manufacturing process.

Among its wide range of products, Elbi now introduces its newest Product Line: ASME code tanks designed and manufactured according to Section VIII, Div. 1.

ASME tanks are available in three versions: thermal expansion tanks for potable hot water; expansion tanks for hydronic heating systems; well tanks for pressurized potable water systems.

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ASME CODE TANKS

HT Series - Hydronic Heating Expansion Tanks

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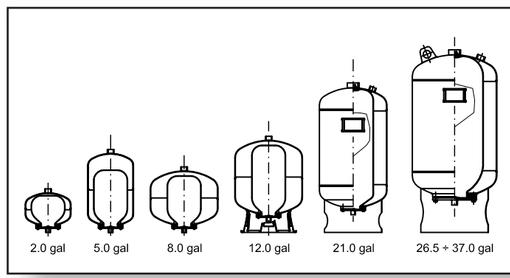
ASME EXPANSION TANKS FOR HYDRONIC HEATING SYSTEMS

ELBI's HTS and HTL Series Expansion Tanks are designed according to the ASME CODE Section VIII - Div. 1 using the latest technology in terms of manufacturing processes and quality control.
Available in 150 psi maximum working pressure. Intended for use in hydronic heating systems, these tanks accept the expanded volume of hot water keeping the system pressure below the relief valve setting, thus preventing dangerous pressure build-up.
All models are fitted with a replaceable bladder.

HTS Series

STANDARD FEATURES AND BENEFITS:

- ASME CODE SECTION VIII, DIV. 1– UM stamped
- Max working pressure: 150 psi
- Max Temperature: 240° F (115° C)
- Factory precharge pressure: 12 psi
- Models up to 12.0 gals. are "two shell" design.
- Models from 21.0 gals. are "two shell and body" design.
- Removable heavy duty Butyl bladder isolates water from tank eliminating tank corrosion.
- Carbon steel water connection.
- Air valve inside a protective nipple and secured by a galvanized threaded plug.
- FINISH: "Automotive" gray finish paint.
- Tanks can be installed horizontally.



DIMENSIONAL DATA

In line models

Model Number	Capacity (Gals)	*Accept. Vol. (Gals)	Diameter (Inches)	Height (Inches)	NPT System Connection	Weight (lbs)
HTS-8	2.0	2.0	10.6	10.2	1"	21
HTS-19	5.0	5.0	10.6	19.3	1"	32
HTS-30	8.0	8.0	15.8	15.3	1"	41

Stand models

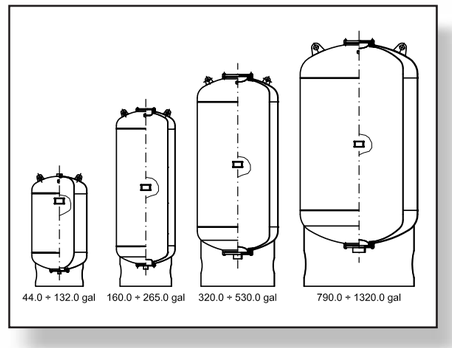
Model Number	Capacity (Gals)	*Accept. Vol. (Gals)	Diameter (Inches)	Height (Inches)	NPT System Connection	Weight (lbs)
HTS-45	12.0	12.0	15.8	22.4	1"	52
HTS-80	21.0	21.0	15.8	34.9	1"	78
HTS-100	26.5	26.5	19.7	37.3	1"	83
HTS-140	37.0	37.0	19.7	43.3	1"	114

*Acceptance Volume at atmospheric pressure

HTL Series

STANDARD FEATURES AND BENEFITS:

- ASME CODE SECTION VIII, DIV. 1 – U stamped
- Max working pressure: 150 psi
- Max Temperature: 240° F (115° C)
- Factory precharge pressure: 12 psi
- Seamless bladder for longer life
- Heavy Duty reinforced Stand on all models.
- Removable bladder isolates water from the tank eliminating corrosion and rust in the water.
- Strainers keep the bladder wide-open during operation, eliminating water stagnation, and keeps out water debris.
- Carbon steel water connection.
- FINISH: "Automotive" gray finish paint.



HTL 170 to 1200
- Air valve is inside a protective nipple and covered by 1" 1/4 galvanized plug.
- Bottom bladder flange mount, top with nipple.
- Top-Pro coated bottom domed strainer.
- Removable heavy butyl rubber.

HTL 1400 to 5000
- Connection with system gauge and system purging available; the top connection is secured by 1" 1/4 galvanized threaded plug.
- Double lifting lug.
- Available with either top or bottom fill.
- Top-Pro coated top and bottom domed strainers.

DIMENSIONAL DATA

*Stand models – HTL 170 TO 500

Model Number	Capacity (Gals)	*Accept. Vol. (Gals)	Diameter (Inches)	Height (Inches)	NPT System Connection	Weight (lbs)
HTL-170	44.0	44.0	19.7	48.7	1" 1/4	160
HTL-200	53.0	53.0	21.7	47.2	1" 1/4	170
HTL-300	80.0	80.0	25.6	49.0	1" 1/4	215
HTL-400	105.0	105.0	25.6	57.9	1" 1/4	248
HTL-450	120.0	120.0	29.5	55.8	1" 1/4	291
HTL-500	132.0	132.0	35.5	58.0	1" 1/4	309

*Stand models – HTL 600 TO 5000

Model Number	Capacity (Gals)	*Accept. Vol. (Gals)	Diameter (Inches)	Height (Inches)	NPT System Connection	Weight (lbs)
HTL-600	160.0	160.0	35.5	61.0	2"	391
HTL-800	210.0	210.0	29.5	91.5	2"	531
HTL-1000	265.0	265.0	31.5	95.5	2"	561
HTL-1200	320.0	320.0	35.5	100.6	2"	960
HTL-1400	370.0	370.0	37.5	102.4	2"	1040
HTL-1600	420.0	420.0	41.5	99.2	2"	1183
HTL-2000	530.0	530.0	43.5	113.5	2"	1318
HTL-3000	790.0	790.0	51.2	118.2	3"	1865
HTL-4000	1060.0	1060.0	61.0	123.0	3"	2616
HTL-5000	1320.0	1320.0	63.0	132.0	3"	2892

*Acceptance Volume at atmospheric pressure