

POTABLE WATER THERMAL EXPANSION TANKS

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WATER IS IN THE BLADDER

FULL ACCEPTANCE BLADDER

The HGTE-HGTEV Series bladder thermal expansion tanks are designed for use in small and large size installations for potable hot water applications.

The tanks are installed in systems equipped with a backflow preventor as an add-on to direct or indirect water heaters.

The tank's function is to absorb the increased volume of water which results from the expansion process, thereby keeping the system's pressure below the relief valve setting and protecting your water heater and appliances from dangerous pressure build-up or water hammer.



ITEM #	VOLUME		CONNECT. MNPT	PRE-CHARGE PSI	MAX TEMP.	MAX WORKING PRESSURE PSI	DIMENSION DIAMETER x HEIGHT		WEIGHT	
	gal	L					in	mm	lbs	kg

THERMAL TANKS (FIXED BLADDER) Connection: stainless steel

HGTE-5	2.1	8	¾"	50	200°F	150	8x13	200x340	5	2
HGTE-8	3.2	12	¾"	50	200°F	150	11x13	270x320	9	4
HGTE-12	4.7	18	¾"	50	200°F	150	11x17	270x420	11	5
HGTE-25	8	30	¾"	50	200°F	150	14x16	350x415	14	6

THERMAL TANKS WITH BASE RING (REPLACEABLE BLADDER) Connection: stainless steel elbow

HGTEV-30	14	53	¾"	50	200°F	150	15x29	380x745	26	12
HGTEV-42	20	75.8	¾"	50	200°F	150	18x26.5	450x673	31	14
HGTEV-60	30	114	1¼"	50	200°F	150	18x30	450x760	37	17
HGTEV-80	44	167	1¼"	50	200°F	150	20x42	500x1060	52	23
HGTEV-180	60	227	1¼"	50	200°F	150	20x42	500x1090	92	42
HGTEV-200	78	295	1¼"	50	200°F	150	20x49	500x1235	104	47

Full acceptance, heavy duty bladder
holds almost twice the capacity of diaphragm models.

Strong welded steel construction
will withstand high pressure loads and adds safety to your installation.

Resistant electrostatic paint finish
Durable and provides an attractive look.

Factory precharge on all models
Suits most common installations. Can be manually adjusted on-site.

Quality and reliability
Tanks are sturdy and built to last, while at the same time being lightweight, easy to handle and simple to install.



Drinking water
NSF/ANSI 61
NSF/ANSI 372 LLC

NSF/ANSI-61 CERTIFIED

- Approved for use in potable water systems
- Lead free

STAINLESS STEEL CONNECTION

WATER IS IN THE BLADDER

NO CONTACT BETWEEN STEEL SHELL AND WATER

NO RUST OR CORROSION OF THE STEEL SHELL

If you intend to use these tanks for a special application, call our agents to check compatibility and suitability at 1 (450) 951.0818 or by email, info@calefactio.com

FLOW-THROUGH POTABLE WATER THERMAL EXPANSION TANKS

FLOW-THROUGH POTABLE WATER EXPANSION TANKS

PREVENT MICROBIAL GROWTH

FULL ACCEPTANCE BLADDER

Calefactio is proud to present its new flow-through potable water thermal expansion tank. It avoids stagnant water in the tank and is an easy way to prevent microbial growth.

NEW!

How it works: Waters flow constantly through an horizontal tank that can be used with most standard water heaters. Its heavy duty butyl bladder absorb the increased volume of water which results from the water heating process, thereby keeping the system's pressure below the relief valve setting and protecting your water heater and appliances from dangerous pressure build-up or water hammer.




Drinking water
NSF/ANSI 61
NSF/ANSI 372 LLC

NSF/ANSI 61 CERTIFIED

- Avoid stagnant water
- Prevents microbial growth
- Integral forced circulation

Full acceptance, heavy duty bladder
holds almost twice the capacity of competitor's diaphragm models.

Strong welded steel construction
will withstand high pressure loads and adds safety to your installation.

Resistant electrostatic paint finish
Durable and provides an attractive look

Factory precharge on all models
Suits most common installations.
Can be manually adjusted on-site.

Quality and reliability
Tanks are sturdy and built to last, while at the same time being lightweight, easy to handle and simple to install.

WATER IS IN THE BLADDER

NO CONTACT BETWEEN STEEL SHELL AND WATER

NO RUST OR CORROSION OF THE STEEL SHELL

ITEM #	VOLUME		CONNECT. MNPT	PRE-CHARGE PSI	MAX TEMP.	MAX WORKING PRESSURE PSI	DIMENSION DIAMETER x HEIGHT		WEIGHT	
	gal	L					in	mm	lbs	kg
FTTE-5	2.1	8	3/4"	50	200°F	150	8x15	200x390	5.5	2.2
FTTE-8	3.2	12	3/4"	50	200°F	150	11x15	270x370	9.5	4.2
FTTE-12	4.7	18	3/4"	50	200°F	150	11x19	270x470	11.5	5.2
FTTE-25	8	30	3/4"	50	200°F	150	14x18	350x465	14.5	6.2

If you have any questions, please contact our technical service center at **1 (450) 951.0818** or by email, info@calefactio.com