



HOT SHOT[®] DUAL PORT[™]

SELF CLEANING THERMAL EXPANSION TANKS

PATENT PENDING

• Eliminates "Cold Water Sandwich" on Tankless Gas Water Heaters

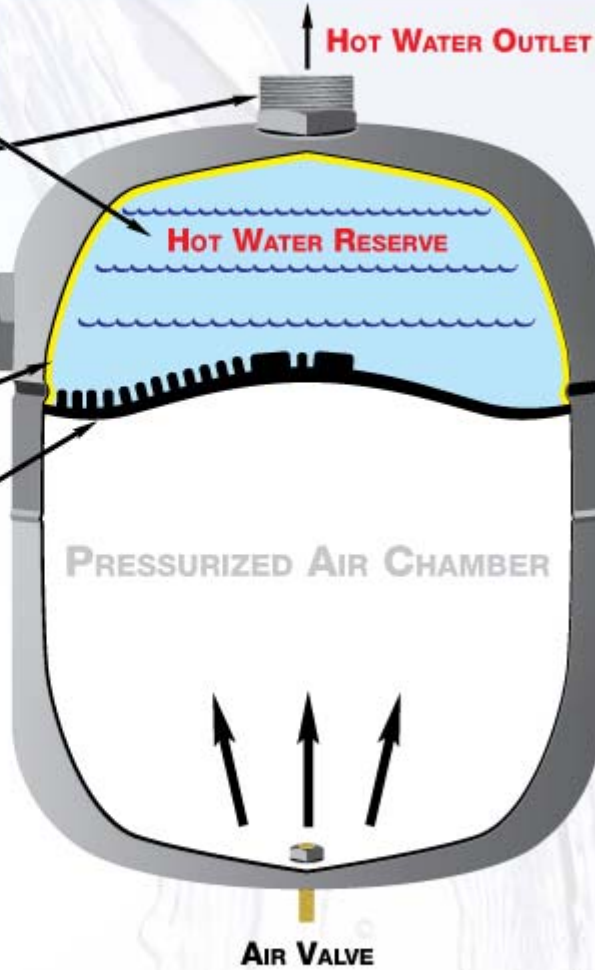
• 304-Stainless Steel
3/4 Inch Nipple

HOT WATER INLET

• Polypropylene
Food Grade
Reservoir Liner

• Patented Butyl
Diaphragm

- Self Cleaning Design
- Water Hammer Arrestor
- Commercial Construction
- Six Year Warranty



U.P.C. - NSF-61 Approved



HOT SHOT[®] DUAL PORT[™]
An ACT Inc.
D'MAND[®] Product

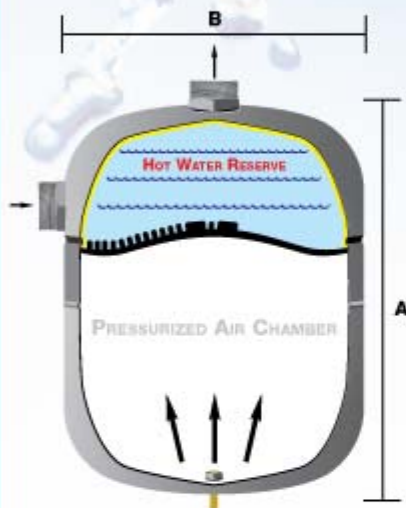
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800-638-5863
www.gothotwater.com

HOT SHOT® DUAL PORT™

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Diaphragm Type Expansion Tanks

Dual Port Systems diaphragm type pre-charged flow-through Dual Port self cleaning thermal expansion tank designed for the protection of potable hot water systems and to act as a hot water reservoir to buffer "cold water sandwich" effects from tankless gas water heaters. The Dual Port thermal expansion tank will also accept expanded potable hot water, keeping system pressure below relief valve settings. The water is contained in a food grade polypropylene reservoir with a patented butyl rubber diaphragm separating the expanded water from the air cushion which acts as a water hammer arrestor.



Models: ACT 12-501
ACT 12-502

SPECIFICATIONS

Factory Pre-charge	15 PSI
System Connection	304 Stainless Steel
Diaphragm	Butyl Rubber
Liner Material	Food Grade Polypropylene
Max. Operating Temp.	200° F
Max. Working Pressure	150 PSI

Model No.	Volume Liter	Volume Gallon	A Height	B Diameter	Syst. Conn.	Ship Wt. (lbs)
ACT 12-501	8	2	12-1/2"	8"	3/4"	5
ACT 12-502	18	4.5	15"	11"	3/4"	9

Why Choose DUAL PORT™

Without a Dual Port Thermal Expansion Tank a closed hot water system will quickly over-pressurize resulting in added stress to the various system components. Below are some of the problems that can result:

- Safety valves can fail or wear out quickly
- Valve stems and ball seals can leak
- Wasted BTUs
- Shortened water heater life

Relief valves are safety devices that are not designed to discharge during each cycle of the hot water system. If this cycling occurs, the safety relief valve could collect deposits on the seat, there can be a deterioration of springs, and wear and tear will damage the valve in a short period of time. Failed safety relief valves are hazardous. Thermal expansion can be safely controlled by installing a properly sized expansion tank to accept the expanded water and keep the system pressure safely under the relief valve setting.

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