

## A SERIES (Non-ASME) SUBMITTAL

**TYPE:** PRESSURIZED THEMAL EXPANSION TANKS FOR RESIDENTIAL WATER SYSTEMS  
**MODELS:** S33-S5, S33-S12

Job \_\_\_\_\_ Stream33 Rep \_\_\_\_\_  
 Unit Tag No. \_\_\_\_\_ Order No. \_\_\_\_\_  
 Engineer \_\_\_\_\_ Submitted By \_\_\_\_\_ Date \_\_\_\_\_  
 Contractor \_\_\_\_\_ Approved By \_\_\_\_\_ Date \_\_\_\_\_

### MATERIALS:

Shell: 16 ga. Carbon Steel  
 System Connection: 304 Stainless Steel  
 Coating: Epoxy  
 Diaphragm: Heavy Duty Butyl Rubber  
 Liner Material: Food Grade Polypropylene  
 Factory Pre-set Pressure: 35 PSI

### OPERATING LIMITATIONS:

Maximum Design Pressure: 150° PSI (1035kPa)  
 Maximum Design Temperature: 200° F (93 C)

### WARRANTY:

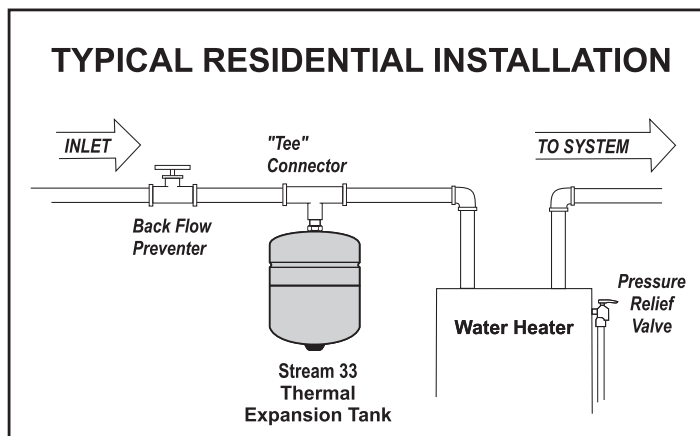
1-Year Limited Product Warranty

### APPLICATION:

Stream33 Tanks are fixed diaphragn type pre-charged thermal expansion tanks. They are designed to absorb the expansion forces and control the pressure in potable water systems. The water is separated using the heavy duty diaphragm preventing tank corrosion and waterlogging.

Model No.	Volume (liter)	Volume (gal)	Height	Diameter	Sys. Conn.	Wt. (lbs)
S33-S5	8	2.1	12-1/2"	8"	3/4"	5
S33-S12	18	4.5	15"	11"	3/4"	9

### TYPICAL INSTALLATION:



### SCHEDULE:

Model No.	Tank Volume (Gal)	Acceptance Volume (Gal)	Tagging Information	Quantity
S33-S5	2.1	2.1		
S33-S12	4.5	4.5		

### SPECIFICATIONS:

Furnish and install as shown on plans a \_\_\_\_\_ gallon \_\_\_\_\_" diameter x \_\_\_\_\_" (high) pre-charged steel thermal expansion tank with a fixed butyl diaphragm. The tank shall have a top NPT system connection and a .301" -32 charging valve connection (standard tire valve) to facilitate the on-site charging of the tank to meet system requirements.

Each tank shall be Stream33 model number \_\_\_\_\_ or approved equal.

