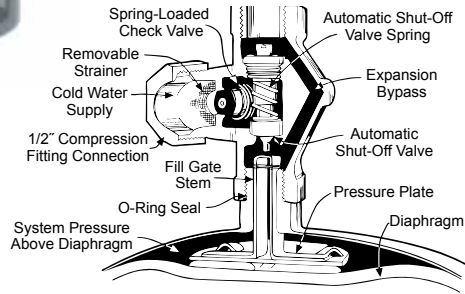


Special Application Expansion Tanks



FILL-TROL® System

- Eliminates the need for a separate, automatic fill valve.
- Tank pressure controls system fill.
- Factory pre-charge: 12 psig.
- Fully adjustable up to a maximum working pressure of 100 psig.



Fill-Trol® Specifications

Model Number	Tank Volume (Gallons)	Max. Accept. Volume (Gallons)	A Diameter (Inches)	B Height (Inches)	System Connection (NPTF)	Shipping Weight (lbs.)
FT-109	2.0	1.0	8	15	½	6
FT-110	4.4	2.5	11	17	½	10
FT-111	7.4	2.5	11	25	½	15
FT-112	14.0	11.3	15	23	½	24

Note: A standard EXTROL tank is not interchangeable with a FILL-TROL tank. FT-109 is equivalent to EX-15; FT-110 is equivalent to EX-30; FT-111 is equivalent to EX-60 and FT-112 is equivalent to EX-90.

Combination Packages

Model Number	System Connections (NPTF)	FILL-TROL Model	Air Purger Model	Air Vent Model	Shipping Weight (lbs.)
FT-109-100	1	109	443	700-C	10
FT-109-125	1¼	109	444	700-C	10
FT-110-100	1	110	443	700-C	14
FT-110-125	1¼	110	444	700-C	14
FT-111-125	1¼	111	444	700-C	18

Radiant Extrol® Specifications

Model Number	Tank Volume (Gallons)	Max. Accept. Volume (Gallons)	A Diameter (Inches)	B Height (Inches)	System Connection	Shipping Weight (lbs.)
RX-15	2.0	0.9	8	13	½ NPTM	5
RX-30	4.4	3.2	11	15	½ NPTM	9
RX-60	10.3	10.3	15	19	¾ NPTF	23



RADIANT EXTROL®

- For low temperature systems.
- Plastic liner is compatible with barrier and non-barrier tubing.
- Suitable for use in glycol applications.
- Stainless steel connection for corrosion resistance.
- Factory pre-charge: 12 psig.
- Maximum working pressure: 100 psig.
- Maximum operating temperature: 200°F.



Sizing

Feet of Tubing	Nominal Pex Tubing Size				
	3/8"	1/2"	5/8"	3/4"	1"
1,000	RX-15	RX-15	RX-15	RX-15	RX-15
5,000	RX-15	RX-15	RX-15	RX-30	RX-30
7,500	RX-15	RX-15	RX-30	RX-30	RX-60
10,000	RX-15	RX-30	RX-30	RX-60	RX-60
14,000	RX-15	RX-30	RX-60	RX-60	
18,000	RX-30	RX-60	RX-60	RX-60	
22,000	RX-30	RX-60	RX-60		
30,000	RX-30	RX-60			Contact Amtrol

Sizing based on: Fill Pressure 12 psig; Relief Pressure 30 psig; Average Temperature 120°F; System filled with water. For glycol applications, consult AMTROL Technical Support.

Solar Extrol® Specifications

Model Number	Tank Volume (Gallons)	Max. Accept. Volume (Gallons)	A Diameter (Inches)	B Height (Inches)	System Connection (NPTM)	Shipping Weight (lbs.)
SE-15	2.0	1.0	8	13	½	5
SE-30	4.4	2.5	11	16	½	9
SE-60	7.4	2.5	11	23	½	14

For Precise Sizing, visit www.amtrol.com or consult AMTROL Technical Support.

Sizing

System Volume (Gallons)	Average System Operating Temperature				
	140°F	160°F	180°F	200°F	220°F
10	SE-15	SE-15	SE-15	SE-15	SE-15
20	SE-30	SE-30	SE-30	SE-30	SE-30
30	SE-30	SE-30	SE-60	SE-60	SE-60
40	SE-60	SE-60	SE-60		
50	SE-60	SE-60			Contact Amtrol

Sizing based on: 50% Water and Propylene Glycol Max; 25 psig Fill; 50 psig Relief Valve. For other applications, consult AMTROL Technical Support.



SOLAR EXTROL®

- For high-efficiency solar systems.
- Suitable for use in glycol applications.
- Factory pre-charge: 25 psig.
- Maximum working pressure: 150 psig.
- Maximum operating temperature: 250°F.

