



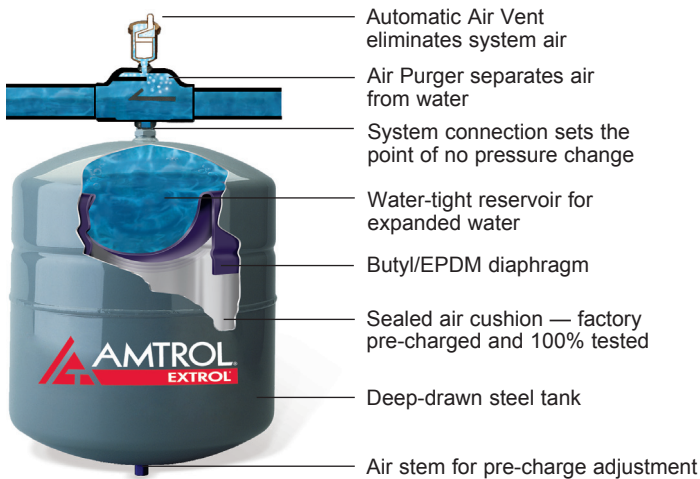
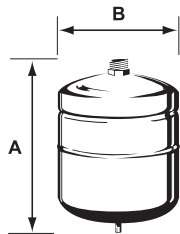
EXTROL® Expansion Tanks

Amtrol Inc. designed and patented the first Extrol® diaphragm expansion tank in 1954 to control system pressure and help reduce energy consumption in heating and chilled water systems. Over five decades later, Extrol is still the world's leading expansion tank and still proudly made in the USA.

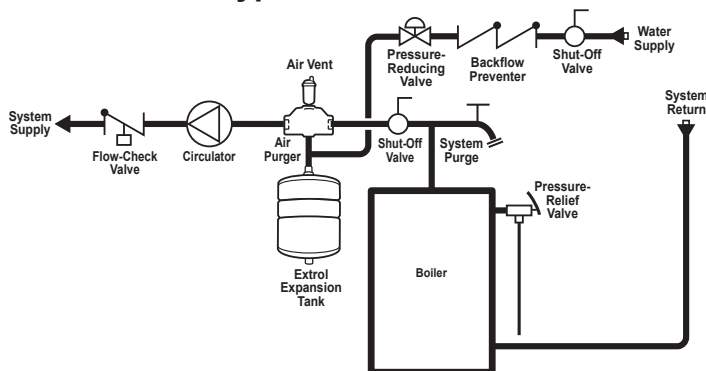
A horizontal timeline showing the evolution of Amtrol products. Key milestones include: 1946 (founded), 1954 (diaphragm expansion tank), 1963 (pre-pressurized well tank), 1967 (refrigerant gas cylinder), 1980 (indirect-fired hot water maker), 1991 (thermal expansion tank), 1992 (ISO 9001 registered), 2005 (composite metal LP tank), 2009 (CH-Series hot water makers), and 2012 (HydroMax hot water makers). Images of various tank models and a mobile education center truck are included.

EXTROL

- Accepts expanded water as system temperature rises to reduce pressure build-up.
- Factory pre-charge: 12 psig.
- Maximum working pressure: 100 psig.
- Maximum operating temperature: 240°F.



Typical Installation



Specifications

Model Number	Tank Volume (Gallons)	Max. Accept. Volume (Gallons)	A Height (Inches)	B Diameter (Inches)	System Conn. NPTM (Inches)	Shipping Weight (lbs.)
EX-15	2.0	0.9	13	8	½	5
EX-30	4.4	2.5	16	11	½	9
EX-60	7.6	2.5	23	11	½	14
EX-90	14.0	11.3	21	15	½	23

Combination Packages

Model Number	Size	EXTROL Model	Air Vent Model	Air Purger Model	Shipping Weight (lbs.)
EX-1500-100	1	EX-15	700-C	443	10
EX-1500-125	1 ¼	EX-15	700-C	444	10
EX-3000-100	1	EX-30	700-C	443	14
EX-3000-125	1 ¼	EX-30	700-C	444	14
EX-6000-125	1 ¼	EX-60	700-C	444	19
EX-6000-150	1 ½	EX-60	700-C	445	19

Sizing

Net Output in 1000'S of BTU/Hr.	Boiler		Type of Radiation		
	Finned Tube Baseboard or Radiant Panel	Convectors or Unit Heaters	Radiators Cast Iron	Baseboard Cast Iron	
MBH	Use Model	Use Model	Use Model	Use Model	
25	EX-15	EX-15	EX-15	EX-15	
50	EX-15	EX-15	EX-30	EX-30	
75	EX-30	EX-30	EX-30	EX-60	
100	EX-30	EX-30	EX-60	EX-60	
125	EX-30	EX-60	EX-60	EX-90	
150	EX-30	EX-60	EX-90	EX-90	
175	EX-60	EX-60	SX-30V	SX-30V	
200	EX-60	EX-60	SX-30V	SX-30V	
250	EX-60	EX-90	SX-30V	SX-40V	
300	EX-90	SX-30V	SX-30V	SX-40V	
350	SX-30V	SX-30V	SX-40V	SX-60V	
400	SX-30V	SX-40V	SX-40V	SX-60V	

Sizing based on: Fill Pressure 12 psig; Relief Pressure 30 psig; Average System Temp. 200°F; System filled with water. For compatibility and sizing for other fluids, consult Amtrol Technical Support.



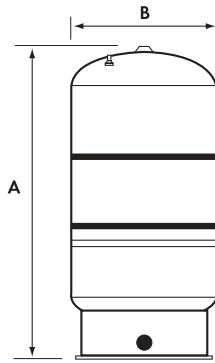
EXTROL® Floor-Standing Models

Extrol floor-standing models are designed for large residential and light commercial applications. These non-ASME tanks are available in sizes up to 86 gallons and can be used with high output boilers up to 1,500,000 BTU's. ASME Commercial tanks are also available and can be found in catalog MC 2682.

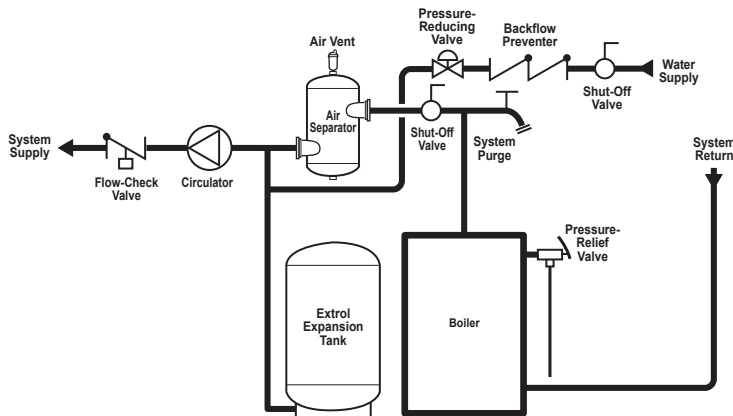


EXTROL SX Series

- Factory pre-charge: 12 psig.
- Maximum working pressure: 100 psig.
- Maximum operating temperature: 240°F.



Typical Installation



Specifications

Model Number	Tank Volume (Gallons)	Max. Accept. Volume (Gallons)	A Height (Inches)	B Diameter (Inches)	System Conn. NPTF (Inches)	Shipping Weight (lbs.)
SX-30V	14	11.3	25	15	1	25
SX-40V	20	11.3	33	15	1	33
SX-60V	32	11.3	48	15	1	43
SX-90V	44	34.0	36	22	1¼	69
SX-110V	62	34.0	47	22	1¼	92
SX-130V	81	34.0	56	22	1¼	103
SX-160V	86	46.0	47	26	1¼	123

Sizing

Boiler Net Output in 1000's of BTU	Type of Radiation and Piping System			
	Finned Tube Baseboard or Radiant Panels with Series Loop System	Convectors or Unit Heaters with One Pipe System	Radiators or One Pipe System	Cast Iron Radiators with Series Loop System
200	SX-30V	SX-30V	SX-30V	SX-30V
250	SX-30V	SX-30V	SX-30V	SX-40V
300	SX-30V	SX-30V	SX-40V	SX-40V
350	SX-30V	SX-30V	SX-40V	SX-60V
400	SX-30V	SX-40V	SX-60V	SX-60V
450	SX-40V	SX-40V	SX-90V	SX-90V
500	SX-40V	SX-40V	SX-60V	SX-90V
550	SX-40V	SX-60V	SX-60V	SX-90V
600	SX-40V	SX-60V	SX-90V	SX-90V
650	SX-60V	SX-60V	SX-90V	SX-90V
700	SX-60V	SX-60V	SX-90V	SX-90V
750	SX-60V	SX-60V	SX-90V	SX-110V
800	SX-60V	SX-90V	SX-90V	SX-110V
850	SX-60V	SX-90V	SX-90V	SX-110V
900	SX-60V	SX-90V	SX-110V	SX-110V
950	SX-90V	SX-90V	SX-110V	SX-110V
1,000	SX-90V	SX-90V	SX-110V	SX-110V
1,100	SX-90V	SX-90V	SX-110V	SX-130V
1,200	SX-90V	SX-90V	SX-110V	SX-130V
1,300	SX-90V	SX-110V	SX-130V	SX-160V
1,400	SX-110V	SX-130V	SX-160V	SX-160V
1,500	SX-110V	SX-130V	SX-160V	(2)SX-110V

Sizing based on: Average Boiler Water Volume; Average Water Volume;
 Fill Pressure 12 psig; Relief Pressure 30 psig
 For other boiler sizes or operating conditions, consult Amtrol Technical Support



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