



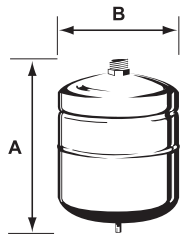
EXTROL® Expansion Tanks

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), 1999 (CH-Series hot water makers), 2005 (composite metal LP tank), 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.



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 Temperature 200°F; System filled with water. For compatibility and sizing for other fluids, consult Amtrol Technical Support.

Typical Installation

