



EXTROL[®] PRO

Next Generation Hydronic Expansion Tanks



THE ONE THAT DOES IT ALL[™]

7
Years



Hydronic • Radiant • Solar



EXTROL PRO

Nearly seven decades after inventing the first diaphragm expansion tank, Amtrol's Extrol lineup now includes the Extrol Pro. This next generation expansion tank is engineered for modern, high-efficiency applications including hydronic, solar and radiant systems. The Extrol Pro features a corrosion proof polypropylene liner, high grade stainless steel connector and an industry leading 15 psi pre-charge. The Extrol was The One That Started It All™ and now the Extrol Pro is The One That Does It All™.



**High Grade
Stainless Steel Connector**

Corrosion Proof Oxygen Barrier

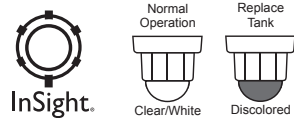
**Factory pre-charged at 15 PSIG
for todays high efficiency systems**

Thick, heavy duty Butyl/EPDM
diaphragm for long service life

Strong, deep-drawn
steel construction

7-Year Warranty:
The Industry's Longest

Factory precharge: 15 PSIG
Max. working pressure: 125 PSIG
Max. operating temperature: 200° F

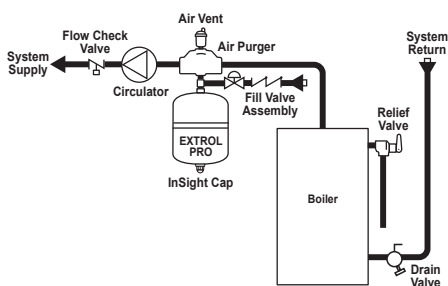


InSight® Indicator Cap

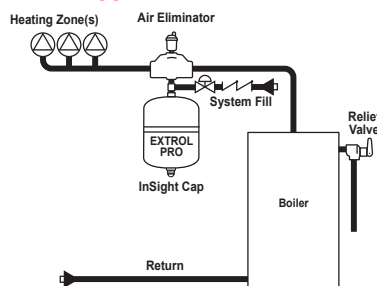
- Patented sight glass changes color if tank needs replacing.
- Alerts user to a problem before damage can occur.

Typical Installations

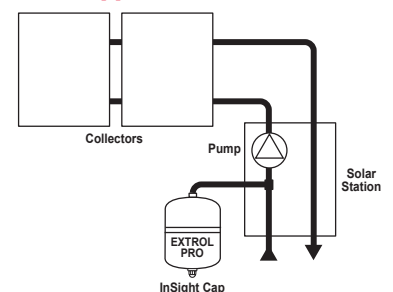
Boiler Application



Radiant Application



Solar Application



Next Generation Hydronic Expansion Tanks



Extrol® Pro Models

- Engineered for modern, high efficiency systems including hydronic, solar and radiant systems.
- High grade stainless steel connector.
- Corrosion proof oxygen barrier.
- Patented InSight® indicator cap provides visual check of tank condition.
- 7-Year limited warranty.

EX-PRO Specifications

| Model Number | Tank Volume (Gallons) | Max. Accept. Volume (Gallons) | Diameter (Inches) | Height (Inches) | System Connection (NPTM) | Shipping Weight (lbs.) |
|--------------|-----------------------|-------------------------------|-------------------|-----------------|--------------------------|------------------------|
| EX-15PRO | 2.0 | 1.0 | 8 | 13 | ½ | 5 |
| EX-30PRO | 4.4 | 2.7 | 11 | 15 | ½ | 9 |
| EX-60PRO | 6.7 | 2.7 | 11 | 20 | ½ | 13 |

Maximum operating temperature: 200° F. Maximum working pressure: 125 PSIG. Factory precharge: 15 PSIG.

EX-PRO Boiler Application Sizing

| Boiler Net Output in 1000'S of BTU/Hr. | Type of Radiation | | | |
|--|--|----------------------------|---------------------|---------------------|
| | Finned Tube Baseboard or Radiant Panel | Convectors or Unit Heaters | Radiators Cast Iron | Baseboard Cast Iron |
| 25 | EX-15PRO | EX-15PRO | EX-15PRO | EX-15PRO |
| 50 | EX-15PRO | EX-15PRO | EX-30PRO | EX-30PRO |
| 75 | EX-30PRO | EX-30PRO | EX-60PRO | EX-60PRO |
| 100 | EX-30PRO | EX-60PRO | EX-60PRO | EX-60PRO |
| 125 | EX-60PRO | EX-60PRO | * | * |
| 150 | EX-60PRO | EX-60PRO | * | * |
| 175 | EX-60PRO | EX-60PRO | * | * |
| 200 | EX-60PRO | * | * | * |

Sizing based on: 15 PSIG Fill; 30 PSIG Relief Valve; 180°F Average Temperature.
* See Extrol SX Sizing.

EX-PRO Radiant Application Sizing

| Feet of Tubing | Nominal Pex Tubing Size | | | | |
|----------------|-------------------------|----------|----------|----------|----------|
| | 3/8" | 1/2" | 5/8" | 3/4" | 1" |
| 1,000 | EX-15PRO | EX-15PRO | EX-15PRO | EX-15PRO | EX-15PRO |
| 5,000 | EX-15PRO | EX-15PRO | EX-15PRO | EX-30PRO | EX-60PRO |
| 7,500 | EX-15PRO | EX-15PRO | EX-30PRO | EX-60PRO | * |
| 10,000 | EX-15PRO | EX-30PRO | EX-60PRO | EX-60PRO | * |
| 14,000 | EX-15PRO | EX-30PRO | EX-60PRO | * | * |
| 18,000 | EX-30PRO | EX-60PRO | * | * | * |
| 22,000 | EX-30PRO | EX-60PRO | * | * | * |
| 30,000 | EX-60PRO | * | * | * | * |

Sizing based on: 15 PSIG fill; 30 PSIG relief valve; 120° F average temperature. System filled with water. For glycol applications, consult AMTROL Technical Support.
* Contact AMTROL Technical Support.

EX-PRO Solar Application Sizing

| System Volume (Gallons) | Average System Operating Temperature | | | |
|-------------------------|--------------------------------------|----------|----------|----------|
| | 140° F | 160° F | 180° F | 200° F |
| 10 | EX-15PRO | EX-15PRO | EX-15PRO | EX-15PRO |
| 20 | EX-15PRO | EX-15PRO | EX-30PRO | EX-30PRO |
| 30 | EX-30PRO | EX-30PRO | EX-30PRO | EX-30PRO |
| 40 | EX-30PRO | EX-30PRO | EX-60PRO | EX-60PRO |
| 50 | EX-30PRO | EX-60PRO | * | * |

Sizing based on: 15 PSIG fill; 50 PSIG relief valve; 40°F fill temperature; 50% water and glycol max. Extrol Pro is rated to 200°F and any system above 200°F, please consult Amtrol Technical Support.
* Contact AMTROL Technical Support.





The One That Does It All™

The Tanks on Tour™ mobile education center is traveling throughout the United States and Canada demonstrating the Extrol Pro is The One That Does It All™.



Tanks on Tour™ in front of the Amtrol Education Center.



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