



FIRE-X-TROL® **TYPICAL SPECIFICATIONS**

FIRE-X-TROL Wet Pipe Sprinkler System Expansion Tanks

Furnish and install, as shown on plans, an Amtrol Fire-X-Trol _____ gallon (liter), _____ inch (mm) diameter X _____ in.(mm) high Amtrol Fire-X-Trol model FPT-_____ wet pipe sprinkler system diaphragm expansion chamber.

The expansion chamber will accommodate the expanded fluid of the system generated within the normal operating temperature range, limiting the pressure increase at those components in the system to the maximum allowable pressure at those components. Each tank shall have a diaphragm used to isolate the nitrogen or dry air (-50°F/-46°C dewpoint or lower) precharge from the fluid.

The expansion chamber shall be welded steel; constructed and tested in accordance with Section VIII, Division 1 of the ASME Code for a working pressure of 175 PSIG (12 bar), factory precharged and field adjustable via a schrader-type valve stem. All welds shall conform to ASME Section IX.

Tank must be UL (Underwriters' Laboratory) Listed and FM approved for use with Fire Protection Antifreeze Systems per NFPA 13. Expansion chamber must be compatible with Glycerin (C.P. or U.S.P. Grade) and Propylene Glycol Antifreeze Solutions. The tank shall be supported by steel legs or a base (integral ring mount) for vertical installation. Each tank shall have a polypropylene liner and stainless steel system connection.

The manufacturer shall have more at least five years experience in the fabrication of diaphragm-type ASME expansion tanks.



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