



# HYDRONIC EXPANSION TANKS

## TYPICAL SPECIFICATIONS

### **AX Series EXTROL® Hydronic Expansion Tank (diaphragm type pre-pressurized)**

The HVAC hydronic system shall include an EXTROL, diaphragm-type expansion tank which will suspend expanded water created within the normal operating temperature range. By function, the tank will limit pressure increases at all system components to their maximum allowable pressure, maintaining system nominal operating pressure. Tank model No. \_\_\_\_\_. Dimensions shall be as indicated on the drawings. The expansion tank shall be welded steel construction, tested, and stamped in accordance with Section VIII, Division 1 of the ASME Code for a working pressure of (125) (\_\_\_\_\_) PSIG and air pre-charged to 12psi, requiring a field adjustment equal to the system fill pressure as measured at tank location point. The tank shall be constructed with a base (integral ring mount) for a vertical installation or steel saddles for horizontal installations. Each tank will have a heavy-duty butyl/EPDM diaphragm. The manufacturer shall be AMTROL Inc. All ASME tanks shall be provided with a free from factory construction defects warranty for a full 3 years from date of installation.

### **AX-DD Series EXTROL® Hydronic Expansion Tank (diaphragm type pre-pressurized)**

The HVAC hydronic system shall include an EXTROL, diaphragm-type expansion tank which will suspend expanded water created within the normal operating temperature range. By function, the tank will limit pressure increases at all system components to their maximum allowable pressure, maintaining system nominal operating pressure. Tank model No. \_\_\_\_\_. Dimensions shall be as indicated on the drawings. The expansion tank shall be welded steel, form constructed in the deep-drawn extrusion method, tested, and stamped in accordance with Section VIII, Division 1 of the ASME Code for a working pressure of (125) (\_\_\_\_\_) PSIG and air pre-charged to 12psi, requiring a field adjustment equal to the system fill pressure as measured at tank location point. The tank shall be constructed with a base (integral ring mount) for a vertical installation or steel saddles for horizontal installations. Each tank will have a heavy-duty butyl/EPDM diaphragm. The manufacturer shall be AMTROL Inc. All ASME tanks shall be provided with a free from factory construction defects warranty for a full 3 years from date of installation.

### **L & LBC Series Expansion Tank (replaceable bladder-type pre-pressurized)**

The HVAC hydronic system shall include an EXTROL, replaceable bladder-type expansion tank which will suspend expanded water created within the normal operating temperature range. By function, the tank will limit pressure increases at all system components to their maximum allowable pressure, maintaining system nominal operating pressure. The model No. \_\_\_\_\_. Dimensions shall be as indicated on the drawings. The expansion tank shall be welded steel, constructed, tested, and stamped in accordance with Section VIII, Division 1 of the ASME Code for a working pressure of (125) (175) (250) (\_\_\_\_\_) PSIG and air pre-charged to 12psi, requiring a field adjustment equal to the system fill pressure as measured at tank location point. The tank shall be constructed with a base (integral ring mount) for a vertical installation. Each tank will have a heavy-duty replaceable butyl bladder. All ASME tanks shall be provided with a free from factory construction defects warranty for a full 3 years from date of installation.



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