



**NOTES:**

1. CONNECT TO SIDE OF MAIN TO PREVENT AIR OR DEBRIS FROM ENTERING PIPE TO TANK. TOP OR BOTTOM CONNECTION NOT PERMITTED.
2. PROVIDE 12" MINIMUM DROP ANTI-THERMOSYPHON LOOP TO PREVENT GRAVITY HEATING OF TANK.
3. SEE EXPANSION TANK SYSTEM FOR COMPONENT SIZES.
4. RELIEF VALVE FOR CHILLED WATER SYSTEM IS SHOWN. OMIT WHEN RELIEF VALVE IS SHOWN ON CONVERTOR DETAIL & SYSTEM IS USED ONLY FOR HOT WATER HEATING. COMBINATION HEATING & COOLING SYSTEMS WILL REQUIRE THE RELIEF VALVE.
5. PROVIDE STRAINER IN AIR SEPARATOR.
6. FOR HOT WATER SYSTEMS 2" AND SMALLER AND ALL CHILLED WATER SYSTEMS USE IN-LINE AIR PURGER IN LIEU OF AIR SEPARATOR.
7. SET PRESSURE REDUCING VALVE SO PRESSURE AT HIGH POINT IN SYSTEM HAS A MINIMUM OF 4 PSIG.

**AIR CONTROL & PIPING**  
**CONNECTIONS FOR WATER SYSTEMS**  
**DIAPHRAGM TYPE EXPANSION TANK**