



Intellihot

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To whom it concerns,

Intellihot requires an expansion tank in the plumbing system. Two factors to consider when choosing an expansion tank in commercial domestic hot water systems are size and grade of construction.

First, the expansion tank will be sized based on the total gallons of water in the plumbing system, including the recirculation loop. It is to be installed per the manufacturer's instruction. Several manufacturers provide sizing charts or calculators to help choose the appropriate expansion tank.

Second, the expansion tank is to be commercial-grade equipment to withstand the increased thermal cycles found in commercial hot water systems and the building water pressure. Please refer to local codes to determine if ASME certification is required. After installation, the expansion tank shall be adjusted to the building water pressure.

Please review the piping schematics for details on where to install the expansion tank in the system.

Sincerely,

Intellihot Engineering Team