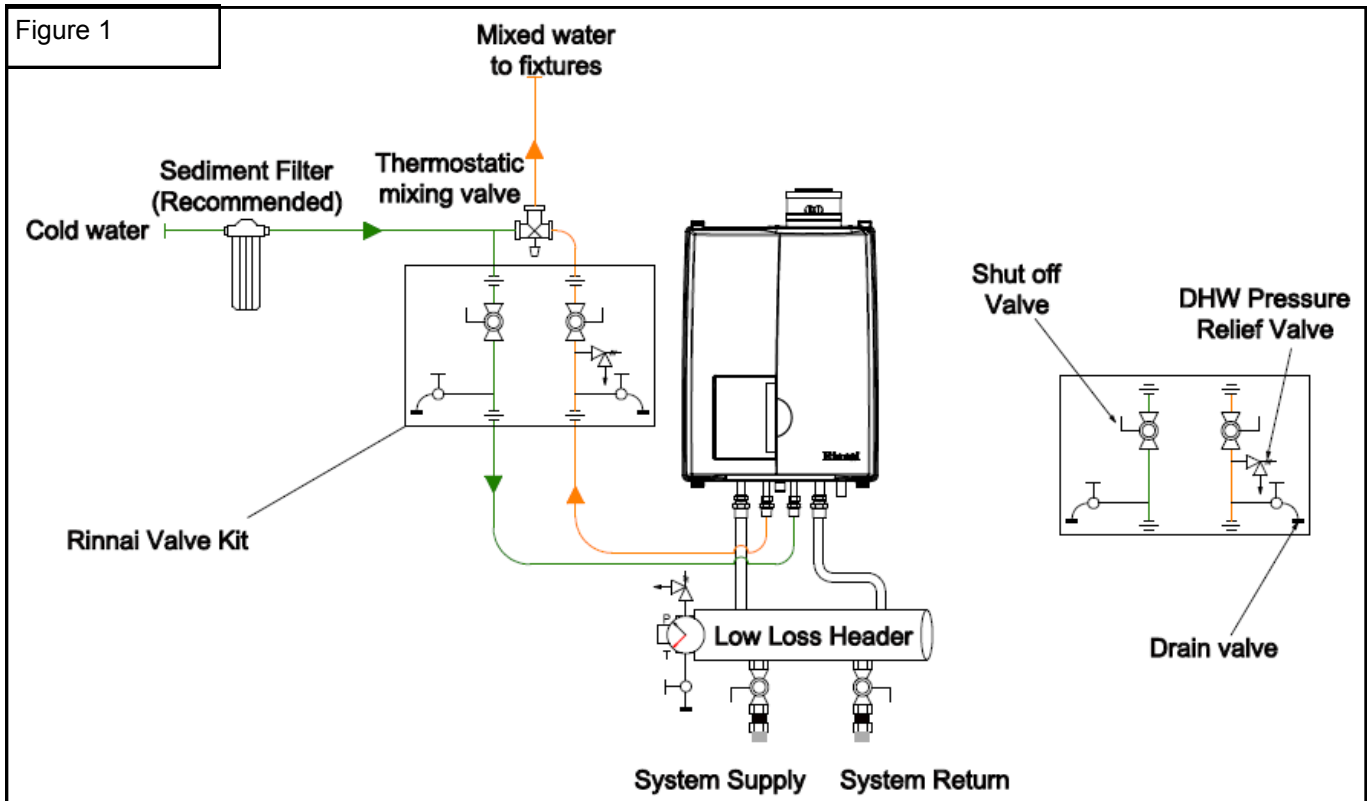


Technical Bulletin 128 - Domestic Hot Water Mixing Valves on E Series Combi Boilers

The purpose of this Technical Bulletin is to explain the use of domestic hot water mixing valves with Rinnai E Series Combination Condensing Boilers.

The E Series Combination Boilers produce hot water off of a flat plate heat exchanger within the boiler. The temperature of hot water coming off of the flat plate heat exchanger can exceed 140 °F. A thermostatic mixing valve shall be installed on all E Series Combi Boilers on the domestic hot water side to prevent potential scalding. This valve will regulate the water temperature leaving the brazed plate heat exchanger. See Figure 1 for a method of piping.



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