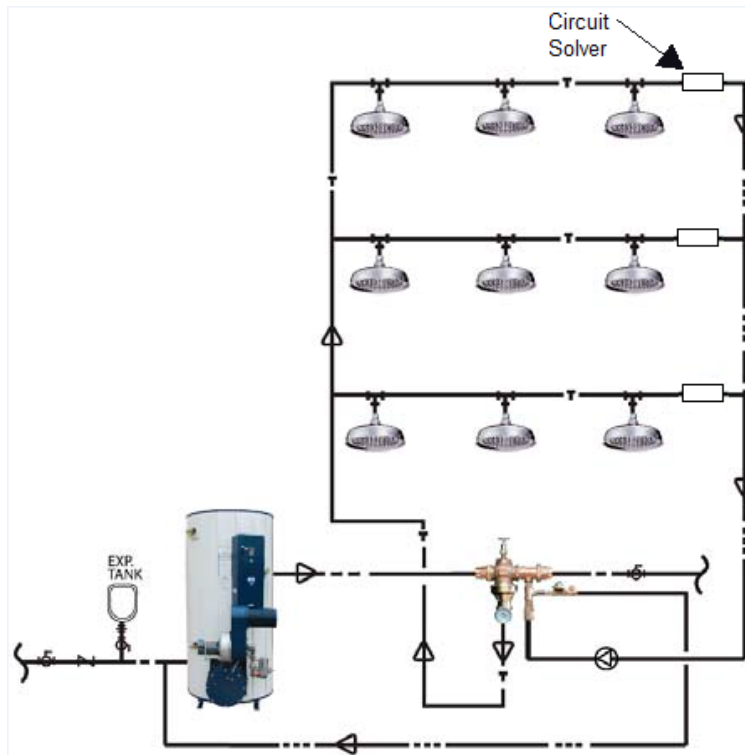


INSTALLATION INSTRUCTIONS CSUTD-D & CSUTD-D-PP

- 1) We recommend that you use a shut off valve before and after the **CircuitSolver® Thermal Disinfection Dual Valve**. A union should be used after the **CircuitSolver® Thermal Disinfection Dual Valve**. See schematic diagram below.
- 2) Install valve with proper flow direction as marked on valve body. This is critical with valves that have an integrated check valve.
- 3) Use suitable pipe thread sealant rated for domestic water applications on all male pipe threads except on the stainless steel **CircuitSolver® Thermal Disinfection Dual Valve** union threads (this connection has an integrated o-ring that fully seals when hand tightened); if using PTFE sealant tape, make sure not to apply tape to the first thread to avoid cutting the PTFE tape and causing potential obstructions to flow.
- 4) CircuitSolver® valves are designed to be installed at the end of each domestic hot water supply just prior to the return line. See diagram below.
- 5) For water systems with particulate/dirt problems, consider using a strainer if one is not already used upstream.
*Strainer must be maintained in order to avoid flow obstruction.

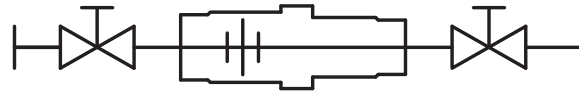
MULTI-BRANCH PARALLEL PIPING CIRCUIT



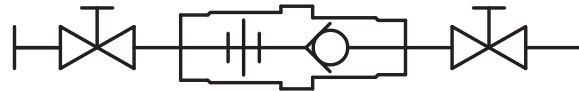
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SCHEMATIC DIAGRAMS

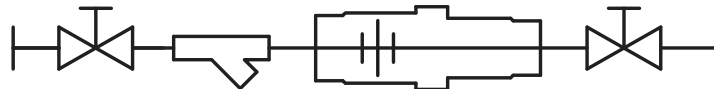
CircuitSolver® Thermal Disinfection Dual Valve (CSUTD-D)



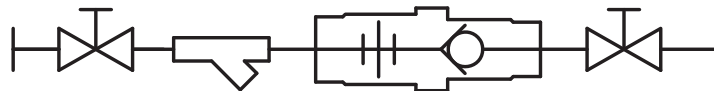
CircuitSolver® Thermal Disinfection Dual Valve (CSUTD-D)



CircuitSolver® Thermal Disinfection Dual Valve with Integrated Check Valve (CSUTD-D)

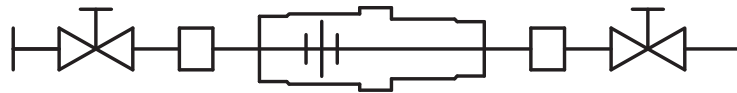


CircuitSolver® Thermal Disinfection Dual Valve with Strainer (CSUTDS-D)

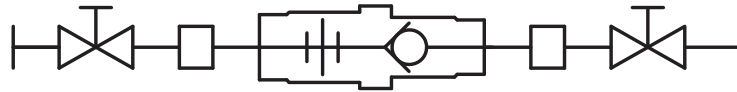


CircuitSolver® Thermal Disinfection Dual Valve with Strainer and Integrated Check Valve (CSUTDS-D)

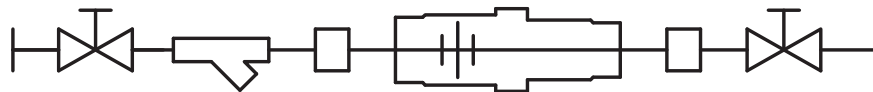
CircuitSolver® Thermal Disinfection Dual Valve with ProPress Ends (CSUTD-D-PP)



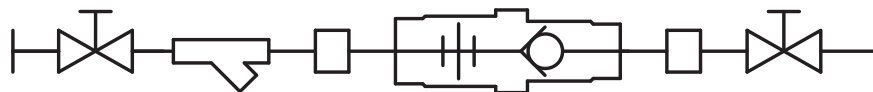
CircuitSolver® Thermal Disinfection Dual Valve with ProPress Ends (CSUTD-D-PP)



CircuitSolver® Thermal Disinfection Dual Valve with ProPress Ends and Integrated Check Valve (CSUTD-D-PP)



CircuitSolver® Thermal Disinfection Dual Valve with ProPress Ends and Strainer (CSUTDS-D-PP)



CircuitSolver® Thermal Disinfection Dual Valve with ProPress Ends, Strainer, and Integrated Check Valve (CSUTDS-D-PP)



WARNING: This product can expose you to chemicals, for example lead, nickel, acrylonitrile, which are known to the State of CA to cause cancer, birth defects, or reproductive harm. For more information, go to www.P65Warnings.ca.gov

Warranty information disclosed at www.thermomegatech.com/terms-conditions/

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CSUTD, CSUTD-PP_IMI
REV: 12/5/21