

CW Series All Welded Check Valve

WELDING INSTRUCTIONS

The following precautions should be taken when welding a CW Series Check Valve with tube extensions or butt weld ends into a system.

1. When the welding procedure requires a continuous flow of purge gas through the valve, the flow of purge gas must be from **inlet to outlet** so the valve will remain in the OPEN position.
2. With good orbital head welding practices, the use of a heat sink may not be required. If in doubt, however, such practice may help prevent damage to internal components.
3. On the inlet weld, the temperature of the exiting purge gas should not exceed the temperature rating of the bonded elastomer.
4. It may be necessary to reduce purge gas pressure by pulling a vacuum on the outlet to ensure a uniform full penetration weld.



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These instructions are also available in
French, Italian, German and Spanish.

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