



# STERIFLOW

a division of Jordan Valve

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## Clean Steam Steam Sample Valve (SV) Series

### Installation & Maintenance Instructions for Clean Steam Sample Valve Series

**Warning:** Steriflow steam sampling valves must only be used, installed and repaired in accordance with these Installation & Maintenance Instructions. Observe all applicable public and company codes and regulations. In the event of leakage or other malfunction, call a qualified service person; continued operation may cause system failure or a general hazard. Before servicing any valve, disconnect, shut off, or bypass all pressurized fluid. Before disassembling a valve, be sure to release all spring tension.

#### Please read these instructions carefully!

Your Steriflow/Jordan product will provide you with long, trouble-free service if it is correctly installed and maintained. Spending a few minutes now reading these instructions can save hours of trouble and downtime later. When making repairs, use only genuine Steriflow Valve parts, available for immediate shipment from the factory.

### SV Steam Sampling Valve

The SV Series is designed for use in clean steam or WFI systems. The maximum temperature/pressure rating for the SV is 347°F @ 116 psi (175°C @ 8 bar).

### Installation

The valve may be installed in any orientation. In order for the valve to fully drain it should be installed in the horizontal position with the sample outlet facing downward. When used with the SC30 or SC60 sample coolers, the installation and maintenance instruction for each product should be referred to for relevant valve orientation.

### Operation

1. The valve is closed with clockwise rotation of the valve handle.
2. The valve is opened by rotating the handle counter-clockwise. Flow is regulated by adjusting the degree of valve opening. The valve is fully open after two complete turns.

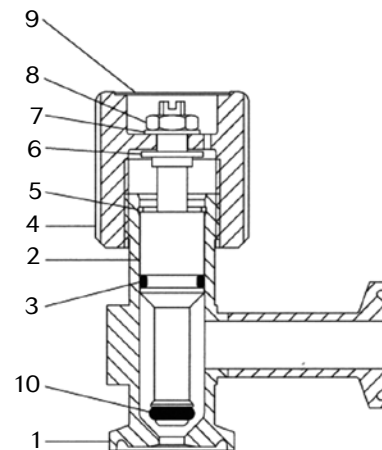
### Maintenance

The valve seat and stem seal may be replaced by following the procedure outlined below:

1. Remove handle closure cap (9) and unscrew stem retaining nut (8) clockwise. Remove nut and handle washer (7).
2. Unscrew handle (4) counter-clockwise. Remove handle together with stem washers (6).
3. Remove circlip (5) and withdraw valve stem (2).

4. Remove stem o-ring (3) and, if required, the seat o-ring (10). Always fit a new stem o-ring when dismantling a valve.
5. Fit new stem o-ring (3) and/or seat seal o-ring (10) and slide stem into valve body - wetting the stem o-ring will aid in assembly.
6. Refit circlip (5).
7. Place stem washer (6) over valve stem (2) and screw handle (4) clockwise until the valve is fully closed.
8. Replace handle washer (7) and retaining nut (8), screwing nut counter-clockwise until snug. Refit handle closure cap (9).
9. After re-assembly, open the valve fully. Apply a small additional opening force to ensure that the valve stem circlip is fully seated.

*Caution: Ensure that the valve is cool and has been relieved of pressure prior to removal or inspection.*



#### Parts List

Part Number	Description
1	Body
2	Valve Stem
3	Stem O-Ring
4	Handle
5	Circlip
6	Stem Washer
7	Handle Washer
8	Stem Retaining Nut
9	Handle Closure
10	Seat O-Ring

