



PHONE: (845) 778-7053 FAX: (845) 778-7123

## DO NOT REMOVE THIS TAG!

Rockwood Swendeman Pressure Relief valves are safety devices designed to protect pressurized vessels, lines or systems during an overpressure event. The recommendations below are general and it is the responsibility of the user to assure that installation and maintenance are in accordance with the applicable ASME Codes and local requirements. Neither Rockwood Swendeman nor its agents assume any liability for valves improperly installed or maintained. **Alternate European languages per Directive 97/23/EC (PED) are available through our website [www.rockwoodswendeman.com](http://www.rockwoodswendeman.com).**

### GENERAL RECOMMENDATIONS

It is solely the responsibility of the system designer and the user to select products and materials suitable for their specific application requirements (including but not limited to set pressure/temperature and fluid service) and to ensure proper installation, operation, and maintenance of these products. See Product Guide for applicable pressure/temperature limits. Assistance shall be afforded with the selection of the materials based on the technical information supplied to Spence Engineering Co. Applicable codes, material compatibility, product ratings and application details should be considered in the selection and application. Improper selection, application or use of the pressure relief valve can cause personal injury or property damage. If the product is intended for an application or use other than originally specified, the system designer and or user must reconfirm that the selection is suitable for the new operating conditions.

### INSTALLATION

1. Qualified service personnel must perform installation only.
2. Valves must be installed in an upright vertical position with the spindle vertical.
3. The connection to the vessel should be provided with a radius to permit smooth flow to the valve.
4. Do not place any block valves or check valves between pressure vessel and safety relief valve.
5. Make sure the system is clean and free of any dirt, sediment or scale that might become lodged on the valve seat.

6. Use a minimum amount of thread sealant or tape on inlet thread. Tighten valve using the proper wrench on the hex flats of the valve base. Do not use excessive force during tightening.
7. The opening through all pipe and fittings between the pressure vessel and the valve must be at least the same area as the relief valve inlet.
8. Discharge piping shall be at least the same size as the pressure relief valve outlet. The discharge piping should be anchored to prevent any swaying or vibration while the valve is discharging.
9. CAUTION: The piping system must be adequately designed and supported to prevent extraordinary loads to the pressure equipment.

### MAINTENANCE

1. Valves are set and sealed to prevent tampering. If wire seal is broken, the valve is unsafe and should not be used. Guarantee is void if any seal is broken.
2. The valves should be checked periodically to see that they are not clogged or seized due to dirt or other foreign matter and that they will operate satisfactorily.
3. WARNING: Operation of valve involves the discharge of high-pressure cryogenic fluids. Suitable hearing protection should be worn and hands must be kept away from discharge.
4. The setting adjustment or repair should be done only by an authorized repair facility.
5. WARNING: Injury or death can occur due to failure to completely isolate valve from all sources of pressure before beginning disassembly. Do not proceed until valve has been completely isolated from process stream and vented to atmosphere.
6. Only original, unmodified Rockwood Swendeman parts should be used to assure safe and proper operation.