

Porous Metal Pressure Snubbers Maintenance Instructions

The accompanying porosity recommendations will accommodate approximately 85% of all pressure sensitive device applications. For violently surging or pulsing systems, the next finer porosity snubber may be indicated. If the instrument seems to be sluggish or to lack responsiveness to transit pressure changes within the system, the next more porous snubber should be substituted. Consistency of performance from one snubber to another of the same porosity is guaranteed.

All our industrial type snubbers are equipped with dry-seal type pipe threads. If possible, the snubber should be assembled to the system without use of joint pipe compound or other similar material. If pipe compound is used, extreme care should be taken to prevent coating the porous element with the compound. If the pipe joint compound is necessary, it is strongly advised that one of the solid resinous types of compound be used. All male pipe threads come pre-wrapped with Teflon tape.

The snubbers have been cleaned to eliminate all hydrocarbon residuals.

Each snubber is subjected to a 5-minute ultrasonic cleaning using chloroethylene as a solvent. It is guaranteed that not more than .001% of the solvent is Non-volatile

Porous element snubbers used as a flow restrictor

Because Chemiquip porous metal pressure snubbers are capable of precise flow control, it is possible to use them as flow restrictors or bleed controls. Information concerning the flow characteristics of the standard snubbers will be supplied on request. Intermediate or special flow characteristics can be produced to order. If the snubber is to be used as a flow controller, it is recommended that the snubber be protected by a suitable filter to prevent change in flow characteristics as a result of the collection of random entrained solids on the porous element.

Cleaning Instructions

All Snubbers may be washed in solvents such as Carbon Tetrachloride, Benzene, Naphtha, etc. Where chemical cleaning is required, boiling in any of the following solutions will be found effective, depending on in which solution the contaminant is most soluble:

Brass – 15% Caustic Soda (1 part soda; 6 parts water) Boil 15-45 minutes.

Stainless Steel – 15% Caustic Soda (1 part soda; 6 parts water) Boil 15-45 minutes or 15% Nitric Acid (1 part soda; 6 parts water) Boil 15-45 minutes.

After boiling wash snubber in running tap water for approximately 45 minutes.

DO NOT FORCE TAP WATER THROUGH THE SNUBBER AS THIS WILL PLUG IT.