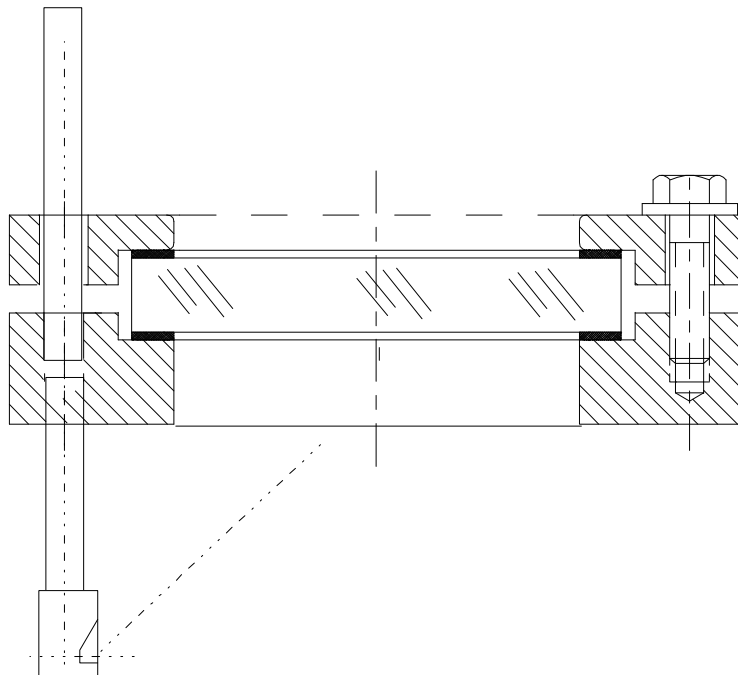




ARCHON Industries, Inc.

Sight Glass Spraying Units



INSTALLATION / OPERATION INSTRUCTION

Instruction #: **1022 Rev. 1**
Issued: **02/14/12**
Approved: **Frank Bongiorno**

357 Spook Rock Road
Suffern, NY 10901

ARCHON Industries, Inc.

Tel.: (845) 368-3600
Fax: (845) 368-3040
www.ARCHONind.com

1.0 Scope

This is an addendum to the sight glass Installation / operation / maintenance instruction and must be used in conjunction with said document.

2.0 Application

Archon spraying units may be used for cleaning the inner face of sightglass discs via an intermittent, continuous or automatically controlled spray. They are suitable in either safe or hazardous areas for all standard sightglass ratings and may be used for both pressure and vacuum vessels subject to test certification.

3.0 Mounting

The mounting is made by means of a threaded nipple screwed into the welding flange to form a pressure tight seal and through a clearance hole in the cover flange.

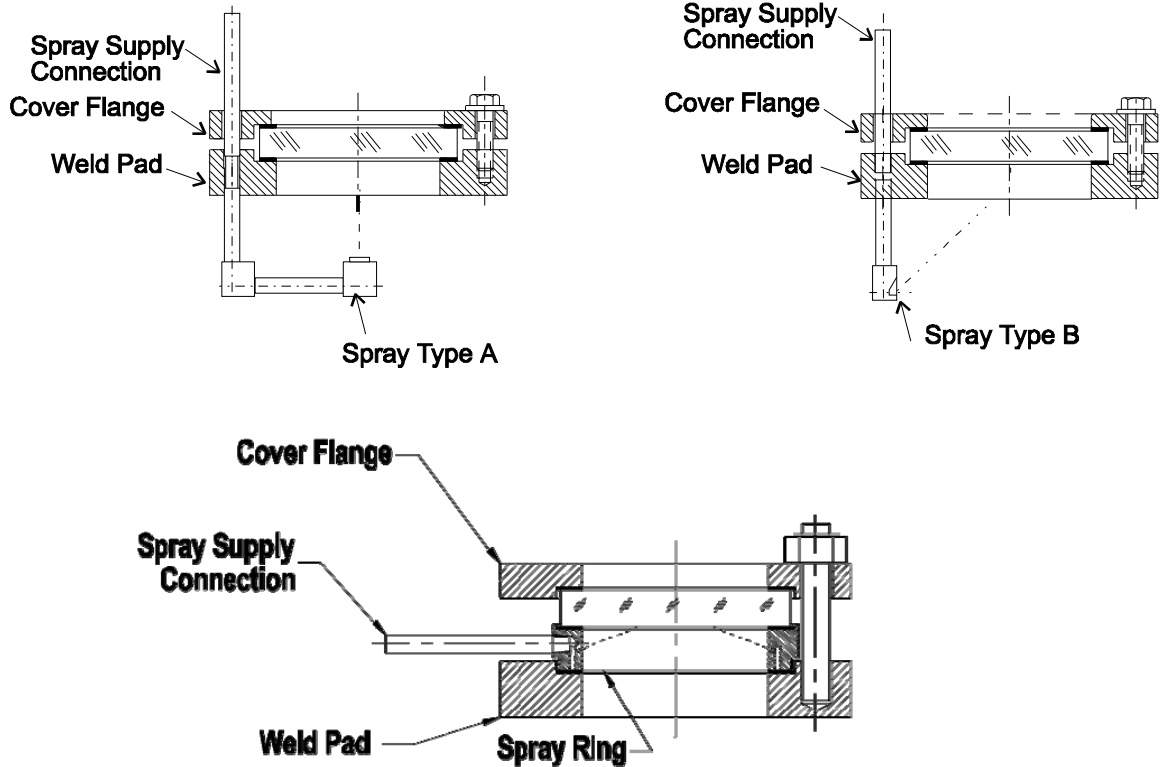
For Spray ring, place one gasket against the weld pad. Set the spray ring in place. Place another gasket on the spray ring and set the glass on top, followed by one more gasket and the cover flange. See sight glass manual for specific instructions on the sight glass.

4.0 Operating Conditions

These correspond to those of the sight glass fitting.

5.0 Materials

All contact parts are stainless steel or as requested by customer specifications.



6.0 Models

- **Center spray Type A** assembly consists of a “street elbow”, pipe nipple and spray head.
- **Side spray Type B** consists of an angled discharge spray head.
- **Spray Ring** consists of the spray ring.

Note: All Spray Supply Connections are supplied by customers.

7.0 Connection

Supplying piping is routed by the customer through the 1” diameter clearance hole in the sightglass cover for Spray type A, and Spray Type B. The Spray ring connection is made through the space in between the cover and weld pad. The connection is made by the customer is a 1/8” NPT female or 1/ 4” NPT female hole in the weld pad, depending on the model. Dependent upon operating conditions, customer should provide a suitable non-return valve in the supply piping.