

Product Instructions SVC Circuit Flow Meter

Applications

The SVC Circuit Flow meter provides accurate circuit flow monitoring and balancing for all Viega manifolds. Flow meter attaches to the SVC connection of the return manifold. Recommended use for brass 1-1/2" manifolds. Integral valve simplifies purging and balancing of circuits for these manifolds.

Features

- Precise and quick flow balancing without diagrams or tables
- Integral ball valve for rough balancing or circuit shut-off
- Graduated from 0.5 to 2.1 gpm

Specifications

Maximum operating temperature:

212°F (100°C)

Maximum operating pressure:

145 psi (10 bar)

Measuring range:

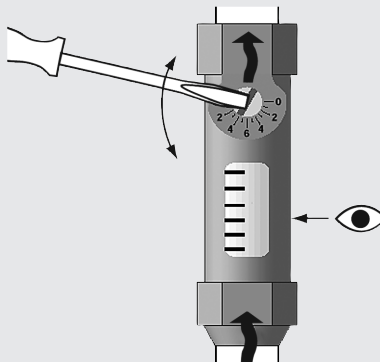
0.5 to 2.1 gpm (2 to 8 L/min)

Brass housing, adapter, and nut
High grade plastic sightglass
 $c_v = 2.11$

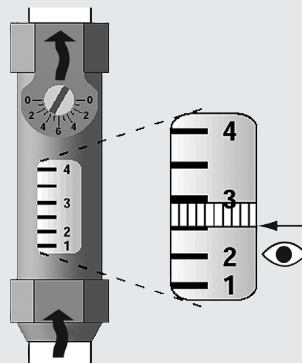
Operations

Flow enters bottom of meter and exits at top. On 1 inch manifolds, adjust flow by turning manifold balancing valve (under red cap) with 5mm allen key.

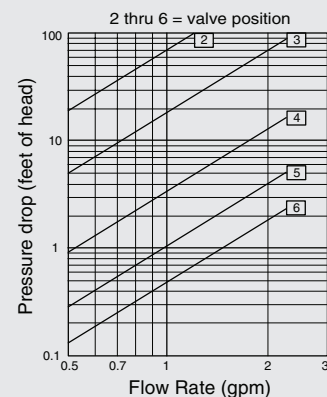
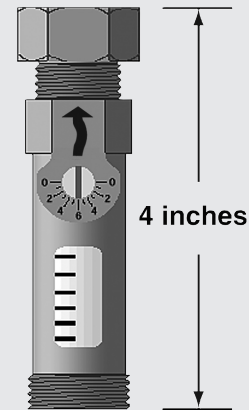
On brass 1-1/2" manifolds adjust flow at flow meter using flathead screwdriver as shown.



Read flow at bottom of white disk in window of flow meter (gpm marked on sticker, L/min marked on sightglass).



Dimensions



Product Instructions

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Installation

Connection between adapter union and flow meter body is factory sealed. Screw union nut on top of flow meter onto SVC seat in return manifold, and connect any SVC adapter to seat on bottom of flow meter.

Flow meter may also be used in-line with tubing by connecting an SVC Coupling (sold separately, stock code 19012) to the union and using adapters at both ends. Flow meter may be installed in any orientation (vertical, horizontal, or angled) as long as proper flow direction is followed.

Maintenance

If sightglass becomes obscured, close in-line valve as well as any circuit valves on manifolds. Disconnect fitting from inlet of flow meter, and clean inside of sightglass carefully with a small soft brush or pipe cleaner. Replace connections and open valves to restore flow.

1" or 1-1/2" Brass Manifolds

