



For container sight glasses type 317 & 318 up to max. 2.5 barg

USAGE

The spraying device SV3 is used for targeted cleaning of sight glasses in containers, reactors, or process plants. It ensures clear visibility during process monitoring and is suitable for intermittent or continuous operation.

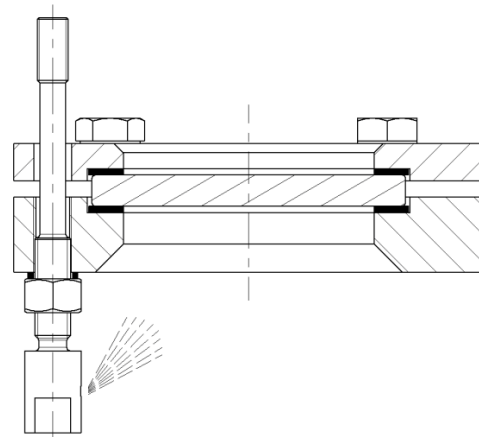
Operating condition:

Temperature:	≤ 200 °C with PTFE Gasket (Standard) ≤ 400 °C with Graphite Gasket
Pressure:	max. 2.5 barg

INSTALLATION NOTE

The installation is performed by screwing the unit into the base flange using pressure-tight threaded connections with a form and media-resistant intermediate gasket. The cover flange must be equipped with a precisely fitting axial through hole. The sealing of the connection threads must be carried out on-site with a sealing material suitable for the operating conditions (e.g. PTFE sealing tape or liquid thread sealant) to ensure a permanently pressure-tight connection.

DRAWING



When selecting the cleaning medium, the temperature change resistance of the sight glass plate must be taken into account (see the respective data sheets of the glasses).

FLOW PARAMETERS

Flow parameters: Water at 20°C

Pressure	[barg]	2	4	6	25
Flow Velocity	[m/s]	20	28	35	71
Volumetric Flow	[l/min]	3.8	5.3	6.5	13.3
Volumetric Flow	[l/h]	226	320	392	800

The operator of the system must ensure that the spray pressure of the cleaning medium does not exceed the maximum allowable container pressure.

PARTS AND MATERIALS - TABLE

Parts and materials:

1	Spraying device	1.4571
2	Gaskets	PTFE or graphite
3	Counter nut	A4-70

PRODUCT CODE

Example for Explaining the Code Composition

11 - SV3 - 1 - 2 - 00000

GROUP	TYPE	MATERIAL	CONNECTION	VARIANT
11	SV3	1) 1.4571	2) Thread end G 1/4"	Standard
		9) Special		HT) High temperature

HT variant exclusively with graphite gasket

i Unless otherwise specified, the highlighted factory standard will be delivered.

EXAMPLE

The product code **11-SV3-1-2-00000** corresponds to the standard version:
 ACI spraying device type SV3
 for sight glasses of type 317 & 318
 spraying device 1.4571
 counter nut A4-70
 seals PTFE
 connection: threaded end G 1/8"

STRUCTURE

1. Spraying device
2. Counter nut
3. Gasket

