

Back Pressure Regulator ARP - 1.2



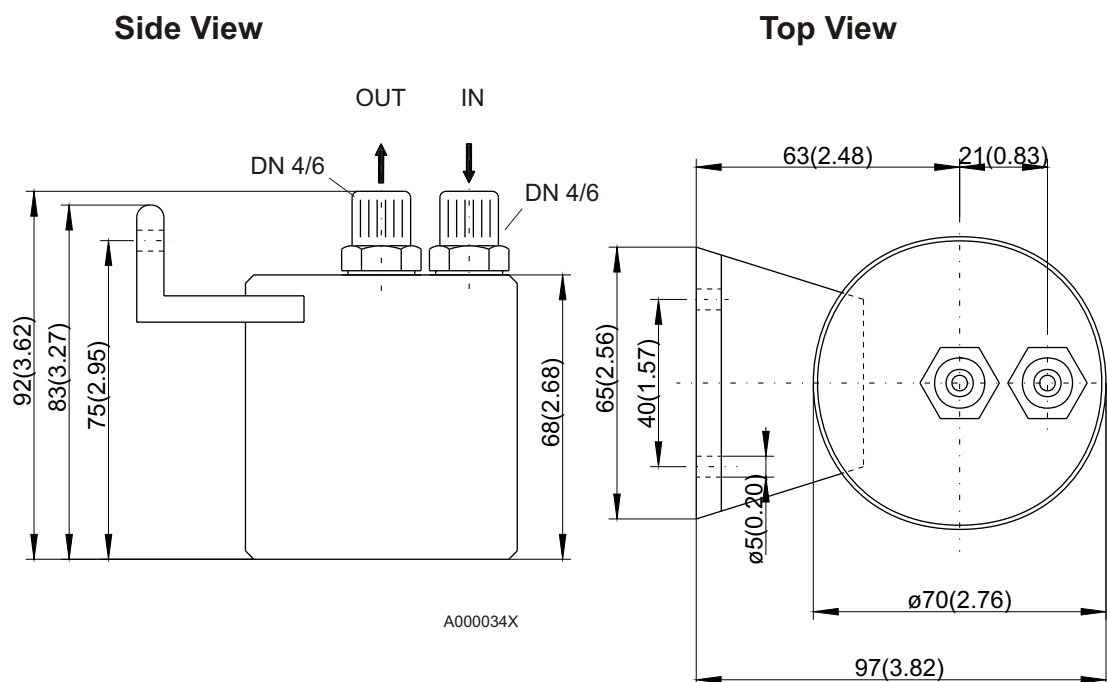
The back pressure regulator keeps the sample gas pressure constant and independent from atmospheric pressure. This avoids inaccuracies due to fluctuations in barometric pressure.

The unit is adjusted to a pressure above the normal variations of atmospheric pressure.

- **Continuously stable sample gas pressure**
- **High accuracy ($\pm < 2$ mbar)**
- **Maintenance-free**

Dimensions

mm (approx. inch)



Technical Data

Volumetric Flow

min.	25 l/h
max.	200 l/h

Pressure

standard	1067 \pm 2 mbar*
variation max.	1400 mbar

Accuracy

w/variable flow	\pm < 2 mbar
w/constant flow	\pm < 1 mbar

Sample gas temperature +5 up to +50 °C

Sample gas connection hose DN 4/6

Material

CU BE/ 1.4571/ PP
PVDF / Viton / PVC

Dead volume 45 ml

Weight 0.24 kg

* May be supplied with other standard pressures to meet specific application

Please indicate with order

part no. type
46 00 999 back pressure regulator ARP - 1.2

Attention

For safety reasons the unit will be delivered with a hose bridge between in and out. This bridge must be removed prior to installation.