



Back Pressure Regulator ARP-1.2

The back pressure regulator is used to maintain a constant sample gas pressure inside the analyser regardless of the respective barometer reading, and installs in the gas outlet of the analyser.

Using the back pressure regulator eliminates measuring errors due to barometric variation. The back pressure regulator is set to a pressure higher than the normal fluctuations in the atmospheric air pressure.

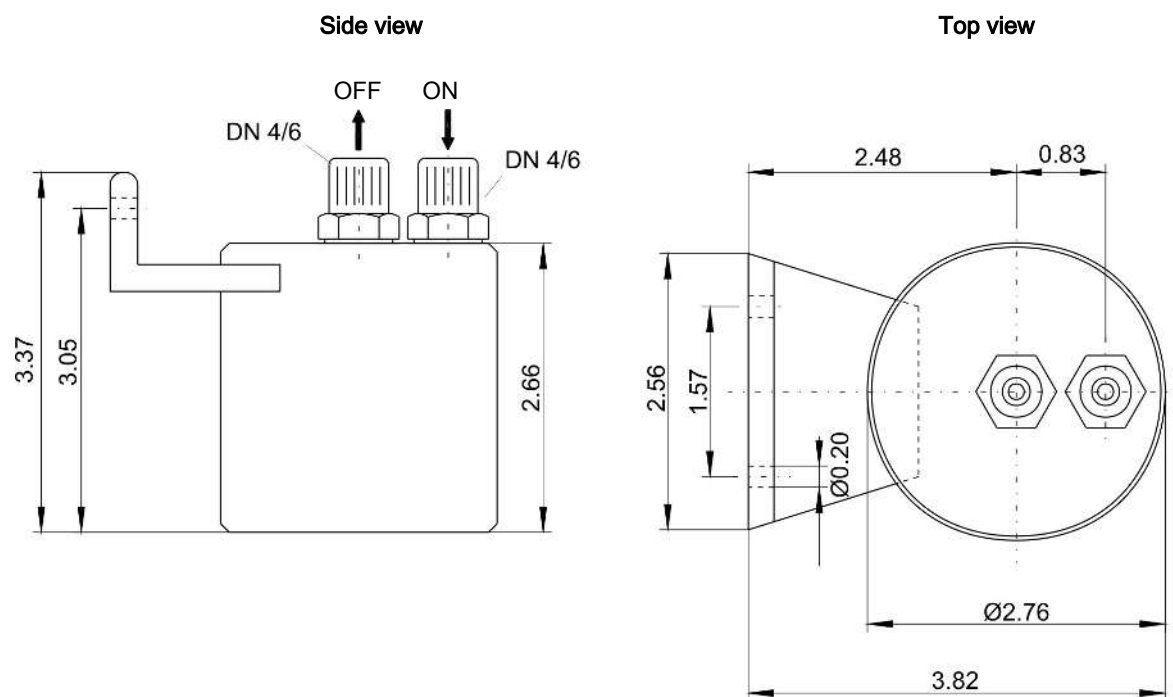
Constant sample gas pressure

High accuracy $\pm < 0.03$ psia

Maintenance-free



Dimensions (inch)



Technical Data

ARP-1.2 Back Pressure Regulator

Flow rate:	min. 0.42 lpm max. 3.3 lpm
Settings:	Standard 1067 ± 0.03 psia* max. 20 psia
Accuracy:	< 0.03 psia < 0.02 psia at constant flow
Sample gas temperature:	41 °F to 122 °F
Gas connections:	Hose DN 4/6
Materials:	CuBe/1.4571/PP PVDF/Viton
Dead volume:	2.75 cu. in.
Weight:	0.53 lb

* unless otherwise specified you will receive the standard version. Other pressures available upon request

Ordering Instructions

Item no.	Model
46 00 999	ARP-1.2 Back Pressure Regulator

NOTICE! For safety reasons, the back pressure regulator comes with hose connection between the inlet and outlet. This must be removed prior to installation.