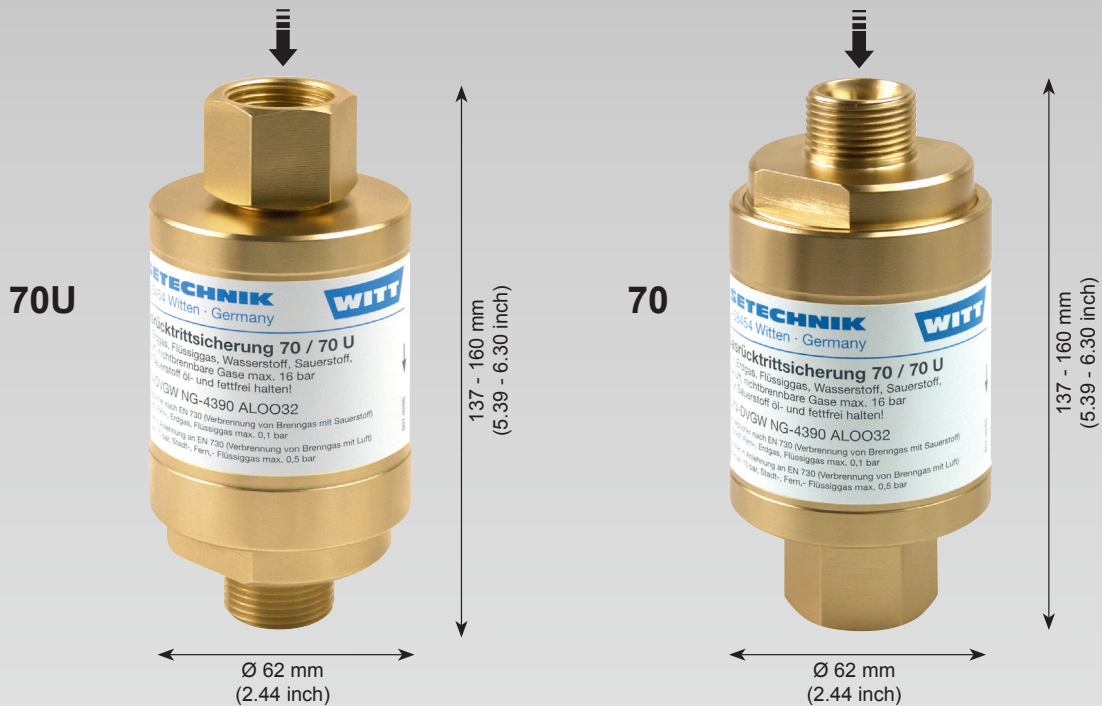


**NON-RETURN VALVES**

www.wittgas.com



**WITT non-return valves for reliable protection against dangerous reverse gas flow. Every non-return valve 100% tested.**

**Benefits**

- a spring loaded non-return valve prevents back feeding of gases which could lead to unwanted gas mixtures
- low pressure drops – using complex valve assembly with low opening pressures (approx. 4 mbar)
- brass filter protects the non-return valve against flashbacks, extending the service life
- diverse applications – useful for many technical gases
- reduce installation costs – the spring loaded valve is not affected by gravity and may be installed in any orientation

**Operation / Usage**

- non-return valves are used to protect equipment and pipelines against dangerous reverse gas flow. Use is possible for applications according to EN 746-2

- they may also used as a safety device to protect against flashbacks (proved in accordance to EN 730) from natural gas with air
- the maximum ambient / working temperature is 70 °C / 158 °F

**Maintenance**

- annual testing of the non-return valve, body leak tightness and flow capacity is recommended
- WITT is happy to supply special test equipment
- non-return valves are only to be serviced by the manufacturer

**Approvals**

Company certified according to ISO 9001:2000, ISO 14001 and PED 97/23/EG Module H  
 CE-marked according to:  
 - PED 97/23/EC

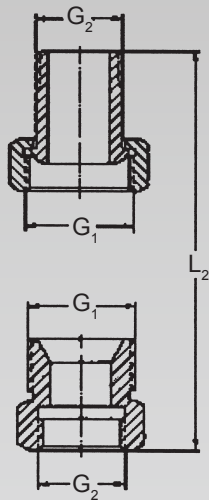
Product Information

Technical Data

Model	Max. working pressure [bar]	Material	Weight [g]	Length [mm]	Connection [Zoll]	Order-No.
70	16	Brass	1.255	137	G 3/4	123.009
			1.414	146	G 1	123.012
			1.590	149	G 1.1/4	123.014
			1.679	160	G 1.1/2	123.015
70U	10	Elastomer Bronze	1.256	137	G 3/4	123.016
			1.398	146	G 1	123.018
			1.558	149	G 1.1/4	123.056
			1.679	160	G 1.1/2	123.045

Other connections available on request

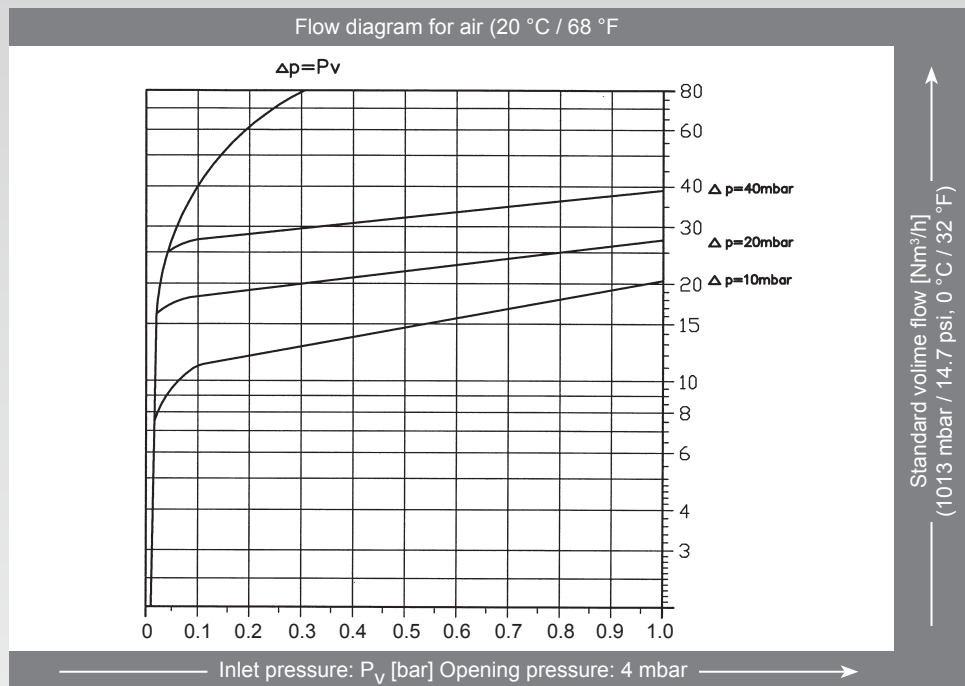
**NON-RETURN VALVES**



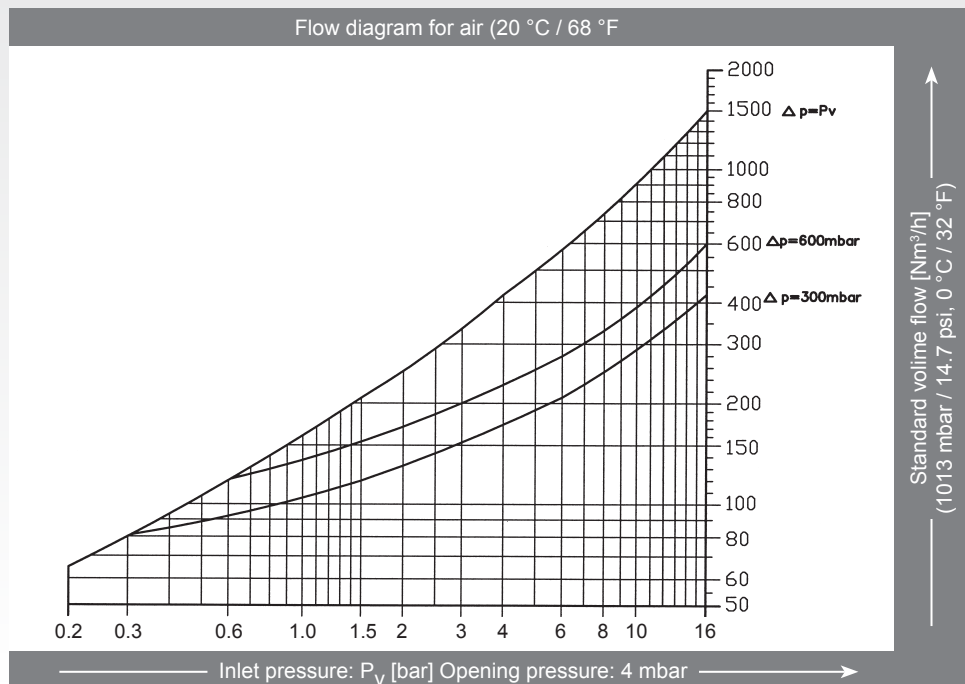
**Cone connection for installation of pipeline  
Model 70/70U**

Connection EN 560 G <sub>1</sub> [inch]	Connection EN 560 G <sub>2</sub> [inch]	Installation dimension with non-return valve L <sub>2</sub> [mm]	Order-No.
G 3/4 RH	G 1/2 RH	186	043.000000
G 1 RH	G 3/4 RH	202	043.000100
G 1.1/4 RH	G 1 RH	208	043.000200
G 1.1/2 RH	G 1.1/4 RH	224	043.000300

- Conversion factors:
- Butane x 0.68
  - Natural Gas x 1.25
  - Methane x 1.33
  - Propane x 0.80
  - Oxygen x 0.95
  - Town gas x 1.54
  - Hydrogen x 3.75



- Conversion factors:
- Butane x 0.68
  - Natural Gas x 1.25
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Technical Data

K9 subject to change