NON-RETURN VALVE 654

www.wittgas.com

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

Benefits

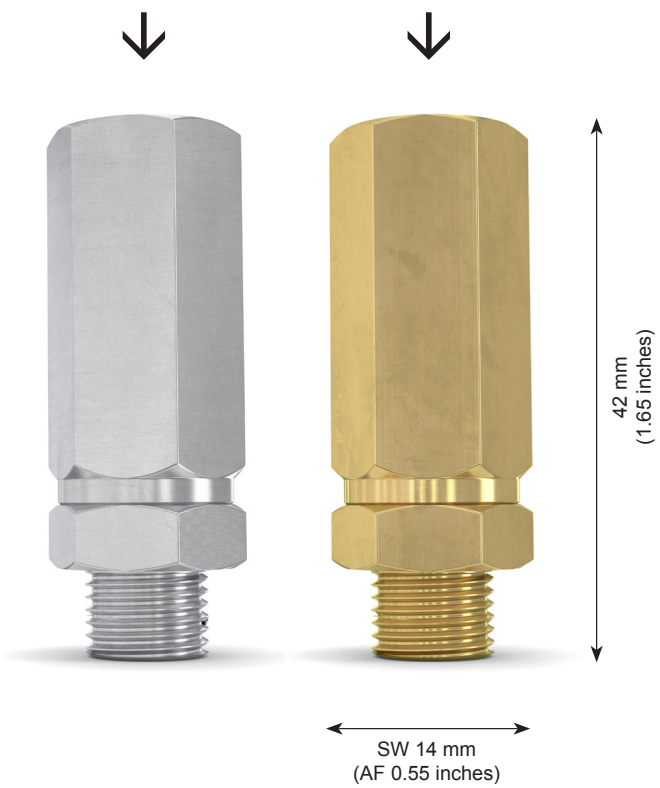
- a spring loaded non-return valve prevents back feeding of gases which could lead to unwanted gas mixtures
- low pressure drops – using complex valve assembly with low opening pressures (approx. 30 mbar)
- no leaks – using of a spring loaded valve assembly with elastomer sealing
- diverse applications – useful for many technical gases
- reduce installation costs – the spring loaded valve is not affected by gravity and may be installed in any orientation
- compact design, small mounting dimensions

Operation / Usage

- non-return valves are used to protect equipment and pipelines against dangerous reverse gas flow
- WITT non-return valves may be mounted in any position / orientation
- the maximum ambient / working temperature is 70 °C / 158 °F

Maintenance

- annual testing of the non-return valve and body leak tightness 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
and PED 2014/68/EU Module H
Cleaned for Oxygen Service according to:
- EIGA IGC Doc 13/12/E: Oxygen Pipeline and Piping Systems

Model	Max. working pressure [bar]	Seal-Material	Housing-Material	Weight [g]	Connection [inch]	Order-No.
654	Ethylene (E), LPG (P), Natural gas (M), Town gas (C), Hydrogen (H): 60 Oxygen (O): 30 Compressed air (D): 60	Elastomer CR	Brass CuZn39Pb3	39	G 1/8 RH	120003037
654	Ethylene (E), LPG (P), Natural gas (M), Town gas (C), Hydrogen (H): 60 Compressed air (D): 60	Elastomer FPM	Brass CuZn39Pb3	39	G 1/8 RH	120003040
654-ES	Ethylene (E), LPG (P), Natural gas (M), Town gas (C), Hydrogen (H): 60 Oxygen (O): 30 Compressed air (D): 60	Elastomer NBR	Stainless steel 4.4305	39	G 1/8 RH	120403033

Other gases or connections available on request

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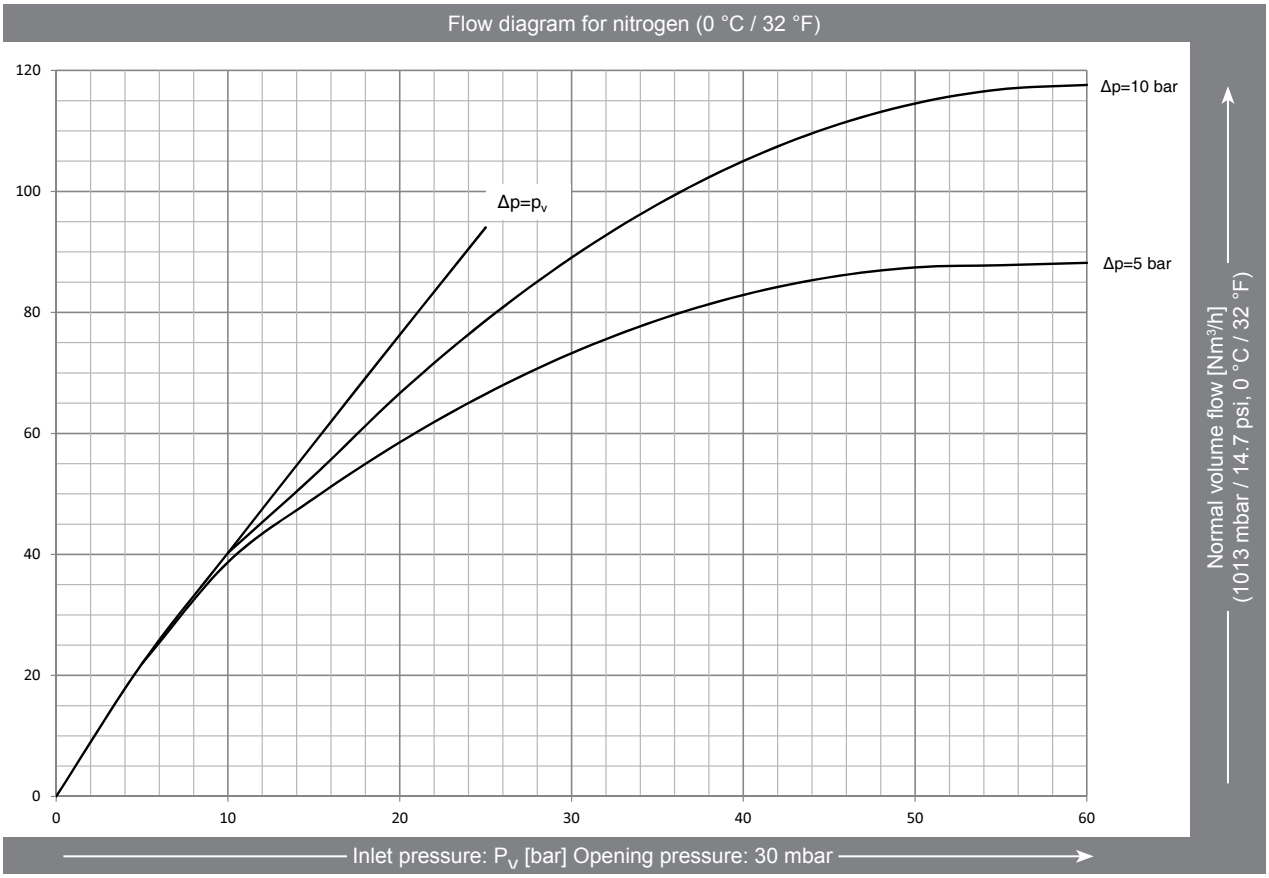

Conversion factors:

Natural gas	x 1.25
Ethylene	x 1.02
Methane	x 1.33
Propane	x 0.80
Oxygen	x 0.95
Town gas	x 1.54
Hydrogen	x 3.75

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