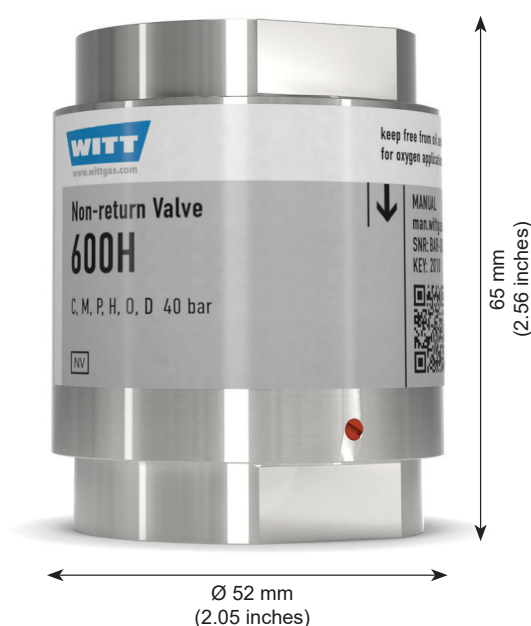


# NON-RETURN VALVE 600H



**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 opening pressure approx. 250 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

## Operation / Usage

- non-return valves are used to protect equipment and pipelines against dangerous reverse gas flow
- the maximum ambient / working temperature is 60 °C / 140 °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 and PED 2014/68/EU Module H

CE-marked according to - PED 2014/68/EU

Designed for Oxygen Service in accordance with EIGA 13/20 and CGA G-4.4: Oxygen Pipeline and Piping Systems

Cleaned for Oxygen Service in accordance with EIGA 33/18 and CGA G-4.1: Cleaning of Equipment for Oxygen Service

Model	Max. working pressure	[bar]	Housing-Material	Seal-Material	Weight [g]	Connection [inch]	Order-No.
600H	Town- (C), Natural gas (M) and LPG (P), Hydrogen (H), Oxygen (O), Compressed air (D), non-flammable gases	40	Brass	Elastomer	745	G 1/2	037-042
					686	G 3/4	037-035
					589	G 1	037-039
600H-ES	Town- (C), Natural gas (M) and LPG (P), Hydrogen (H), Oxygen (O), Compressed air (D), non-flammable gases	40	Stainless steel	Elastomer	681	G 1/2	037-064
					615	G 3/4	037-065
					540	G 1	037-048

Other connections available upon request

# NON-RETURN VALVE 600H

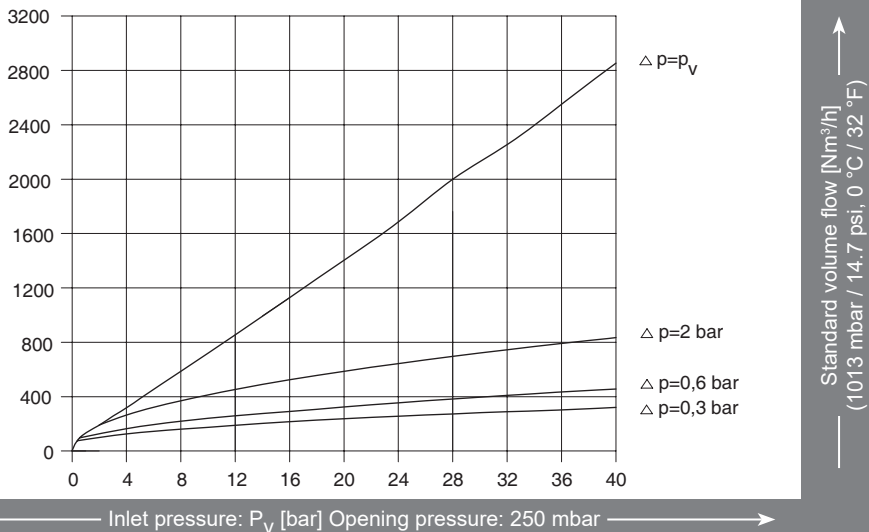
## 600H

037-042

### Conversion factors:

Butane	x 0.68
Natural gas	x 1.25
Methane	x 1.33
Propane	x 0.80
Oxygen	x 0.95
Nitrogen	x 1.00
Hydrogen	x 3.75

Flow diagram for air (20 °C / 68 °F)



## 600H

037-039

### Conversion factors:

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Natural gas	x 1.25
Methane	x 1.33
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Flow diagram for air (20 °C / 68 °F)

