

WITT gas filters for reliable protection against contamination and condensate.

Benefits

- ultra fine filtering out of mechanical impurities through nickel chromium steel filter inserts
- broad range of uses – compatible with many technical gases
- change of filter possible while installed due to user-friendly design
- high flowrate thanks to flow maximising design
- condensate can be collected and removed using condensate drain (models 77 and 625)
- easy to install thanks to large choice of connections
- reliable filtering performance increases service life of downstream fittings and equipment

Operation / Usage

- Gas filter models 77 and 625 are designed for installation in pipelines. Model 622 is used at outlet points
- the gas purifiers with condensate drain must be installed vertically

Maintenance

- the condensate should be drained at regular intervals
- the filter inserts must be checked regularly and replaced if necessary

Approvals

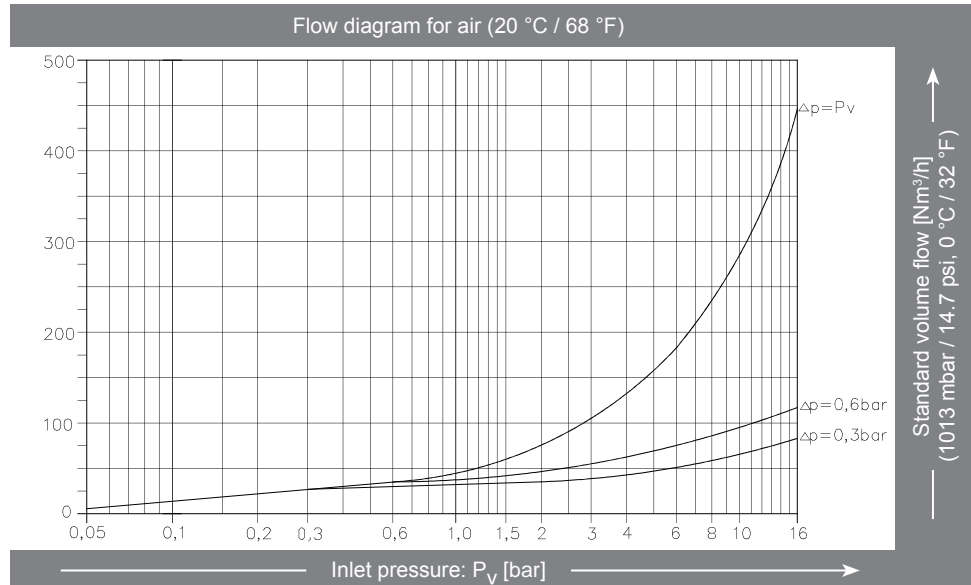
- Company certified according to ISO 9001
 CE-marked according to:
 - PED 97/23/EC
 Cleaned for Oxygen Service according to:
 - EIGA IGC Doc 13/12/E: Oxygen Pipeline and Piping Systems

| Model | Max. working pressure [bar] | Material | Filtering fineness | Weight [kg] | Connection [inch] | | Order-No. |
|---|-----------------------------------|----------------|--------------------|----------------|------------------------------------|------------|------------|
| | | | | | Inlet | Outlet | |
| 622 A | Acetylene (A) | 1.5 | 40 µm | 0.40 | G 3/8 F | G 3/8 LH M | 186-003 |
| | LPG (P) | | | | G 3/8 F | G 3/8 RH M | 186-001 |
| 622 C | Natural gas (M) | 16.0 | 40 µm | 0.40 | G 1/2 F | G 3/8 LH M | 186-004 |
| | Hydrogen (H) | | | | G 1/2 F | G 3/8 LH M | 186-005 |
| 622 D | Town gas (C) | 16.0 | 40 µm | 0.40 | G 1/2 F | G 3/8 LH M | 186-005 |
| | Oxygen (O), Compressed air (D) | 16.0 | 40 µm | 0.40 | G 1/2 F | G 3/8 LH M | 186-005 |
| Replacement filter inserts of nickel chromium steel | | | | | | | 955003000 |
| 77 | Acetylene (A) | 1.5 | 7-10 µm | 2.77 | both sides G 3/4 F | | 077-004 |
| | Carbone dioxide | 25.0 | | | both sides G 3/4 F | | |
| 77 | Ethylene (E) | 50.0 (40.0) | 40 µm | 2.80 (6.95) | both sides G 3/4 F | | 077-001 |
| | LPG (P) | | | | (flange DN25 / PN40 both sides) | | |
| 77 | Natural gas (M) | 50.0 (40.0) | 40 µm | 2.80 (6.95) | both sides G 3/4 F | | (077A-006) |
| | Hydrogen (H) | | | | (flange DN25 / PN40 both sides) | | |
| 77 | Town gas (C) | 50.0 (40.0) | 40 µm | 2.80 (6.95) | both sides G 3/4 F | | (077A-006) |
| | Compressed air (D) | | | | (flange DN25 / PN40 both sides) | | |
| | Oxygen (O) | 30.0 | 40 µm | (6.95) | (flange DN25 / PN40 both sides) | | (077A-006) |
| Replacement filter inserts of nickel chromium steel 7-10 µm | | | | | | | 955005900 |
| Replacement filter inserts of nickel chromium steel 40 µm | | | | | | | FI-077 |
| 77 (bronze) | Ethylene (E) | 50.0 | 50 µm | 3.03 | both sides G 3/4 F | | 077-010 |
| | LPG (P) | | | | both sides G 3/4 F | | |
| 77 (bronze) | Natural gas (M) | 50.0 | 50 µm | 3.03 | both sides G 3/4 F | | 077-010 |
| | Hydrogen (H) | | | | both sides G 3/4 F | | |
| 77 (bronze) | Town gas (C) | 50.0 | 50 µm | 3.03 | both sides G 3/4 F | | 077-010 |
| | Compressed air (D) | | | | both sides G 3/4 F | | |
| | Oxygen (O) | 40.0 | 50 µm | 3.03 | both sides G 3/4 F | | 077-010 |
| Replacement filter inserts of bronze | | | | | | | FI-077B |
| 625 | Acetylen (A) | 1.5 | 40 µm | 12.20 | both sides G 1.1/4 M | | 042-001 |
| | Carbone dioxide | | | | both sides G 1.1/4 M | | |
| 625 | Ethylene (E) | 25.0 | 40 µm | 12.20 | both sides G 1.1/4 M | | 042-001 |
| | LPG (P) | | | | both sides G 1.1/4 M | | |
| 625 | Natural gas (M) | 25.0 | 40 µm | 12.20 | both sides G 1.1/4 M | | 042-001 |
| | Hydrogen (H) | | | | both sides G 1.1/4 M | | |
| 625 | Town gas (C) | 25.0 | 40 µm | 12.20 | both sides G 1.1/4 M | | 042-001 |
| | Oxygen (O), Compressed air (D) | | | | both sides G 1.1/4 M | | |
| | Oxygen (O), Compressed air (D) | 10.0 25.0 | 40 µm | 16.73 | flange DN50 / PN40 both sides | | 042-016 |
| Replacement filter inserts of nickel chromium steel | | | | | | | FI-625 |

622

Conversion factors:

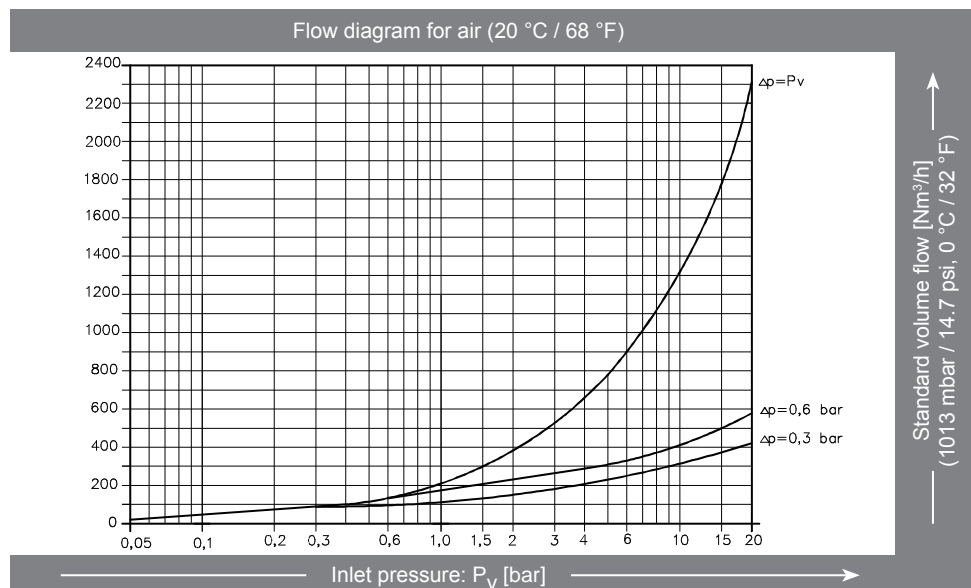
| | |
|-------------|--------|
| Acetylene | x 1,04 |
| Butane | x 0,68 |
| Natural Gas | x 1,25 |
| Methane | x 1,33 |
| Propane | x 0,80 |
| Oxygen | x 0,95 |
| Town gas | x 1,54 |
| Hydrogen | x 3,75 |



77

Conversion factors:

| | |
|-------------|--------|
| Acetylene | x 1,04 |
| 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 |



625

Conversion factors:

| | |
|-------------|--------|
| Acetylene | x 1,04 |
| 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 |

