

## 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:

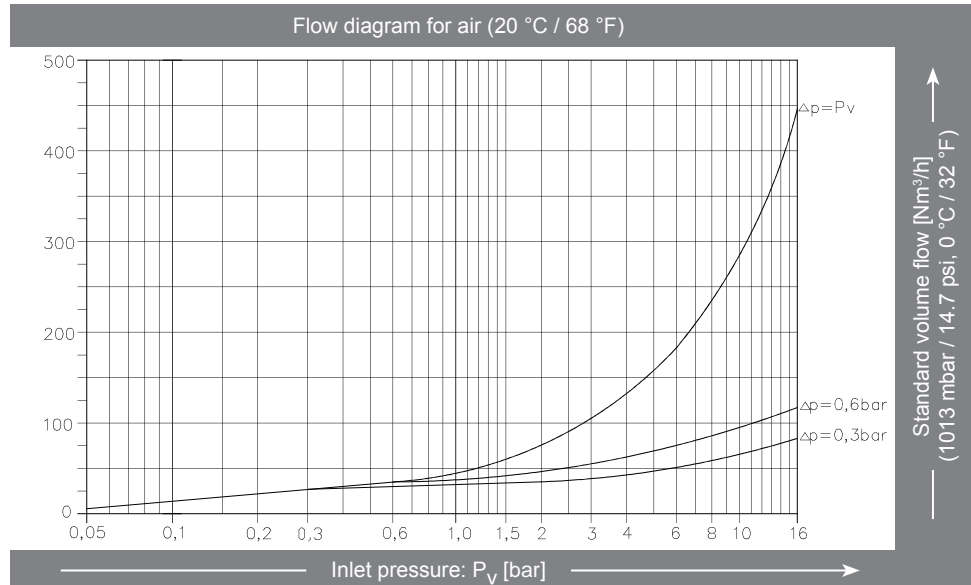
- EIGA IGC Doc 13/12/E: Oxygen Pipeline and Piping Systems

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					
77	Ethylene (E)	50.0	40 µm	2.80	both sides G 3/4 F		077-001
	LPG (P)						
77	Natural gas (M)	(40.0)	40 µm	(6.95)	(flange DN25 / PN40 both sides)		(077A-006)
	Hydrogen (H)						
77	Town gas (C)	30.0	40 µm	(6.95)	(flange DN25 / PN40 both sides)		(077A-006)
	Compressed air (D)						
	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)						
77 (bronze)	Natural gas (M)	50.0	50 µm	3.03	both sides G 3/4 F		077-010
	Hydrogen (H)						
77 (bronze)	Town gas (C)	40.0	50 µm	3.03	both sides G 3/4 F		077-010
	Compressed air (D)						
	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						
625	Ethylene (E)	25.0	40 µm	12.20	both sides G 1.1/4 M		042-001
	LPG (P)						
625	Natural gas (M)	25.0	40 µm	12.20	both sides G 1.1/4 M		042-001
	Hydrogen (H)						
625	Town gas (C)	10.0	40 µm	16.73	flange DN50 / PN40 both sides		042-016
	Oxygen (O), Compressed air (D)				25.0		
Replacement filter inserts of nickel chromium steel							FI-625

## 622

Conversion factors:

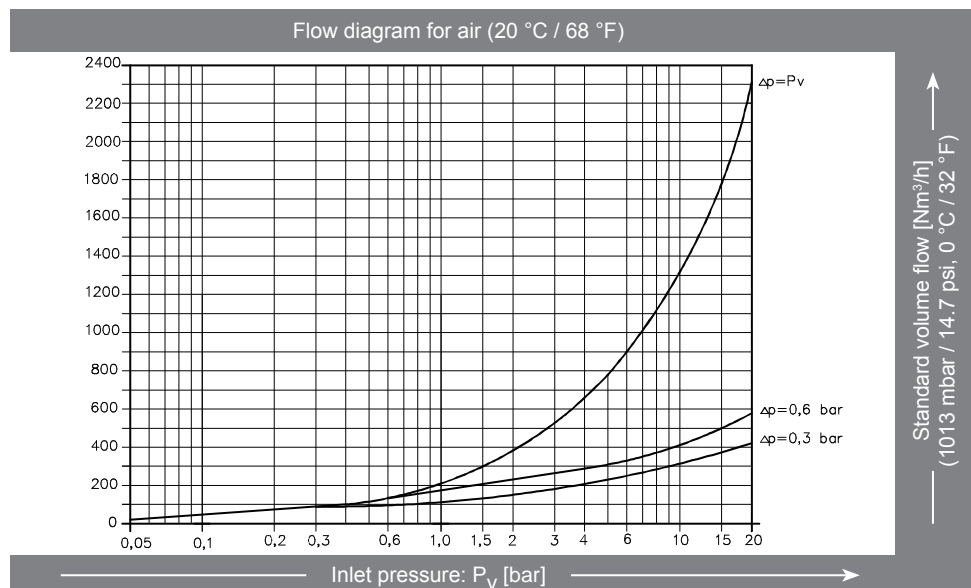
Acetylene	x 1,04
Butane	x 0,68
Natural Gas	x 1,25
Methane	x 1,33
Propane	x 0,80
Oxygen	x 0,95
Town gas	x 1,54
Hydrogen	x 3,75



## 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

