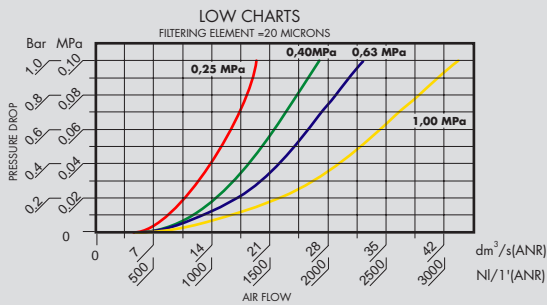
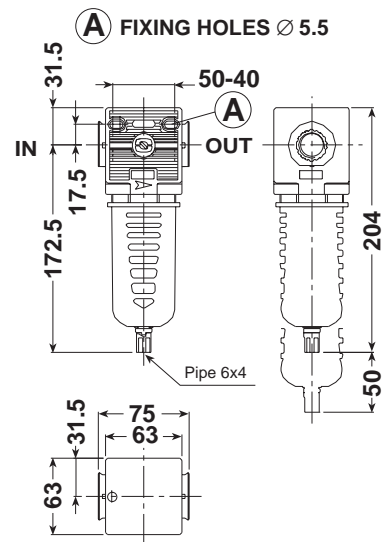
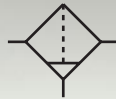


## Regulator

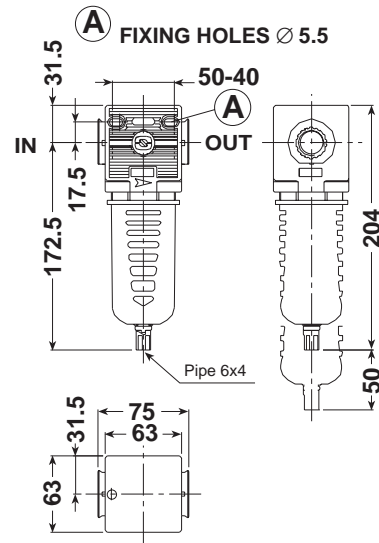
- \* Rolling diaphragm.
- \* The set pressure is kept stable regardless of upstream variations.
- \* High flow rates with low load losses.
- \* Downstream overpressures quickly eliminated.
- \* Lockable safety knob.
- \* Can be wall mounted by using the relative holes or on bracket.
- \* Pressure ranges:
  - 0÷4 Bar, 0÷8 Bar (standard), 0÷12,5 Bar
  - 0÷0,4 MPa, 0÷0,8 MPa (standard), 0÷1,25 MPa
- \* Maximum inlet pressure: 12,5 Bar (1,25 MPa).
- \* Temperature range: 5÷50°C (41÷122°F).
- \* Max. torque inserts G1/2" IN-OUT: 80 N·m.
- \* Reference flow rate (P=6,3 Bar - Δp=1 Bar): 2310 NI/min.
- \* Weight: 0,435 Kg.



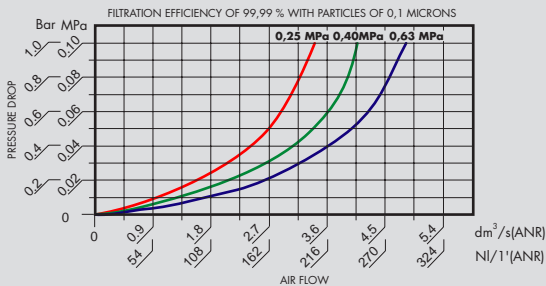
## Filter

- \* High condensate separation level.
- \* Low pressure drop.
- \* Can be wall mounted using the relative holes.
- \* Quick bowl connection by means of safety ring mechanism.
- \* Filtering degree: 5 micron and 20 micron (standard).
- \* Manual and semiautomatic condensate drainage in the integrated (SS) or float type automatic version (SA).
- \* Bowl in toughened polyamide with outer bowl guard.
- \* Collected quantity of condensate: 100 cc.
- \* Maximum operating pressure: 12,5 Bar (1,25 MPa).
- \* Temperature range: 5+50°C (41+122°F).
- \* Max. torque inserts G1/2" IN-OUT: 80 N·m.
- \* Reference flow rate (P=10 Bar - Δp=1 Bar): 3110 NI/min.
- \* Weight: 0,355 Kg.

## Microfilter



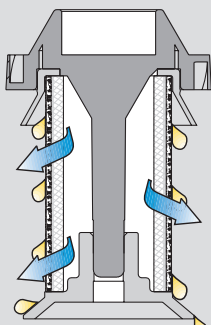
FLOW CHARTS



## Coalescent Cartridge

### FUNCTIONING

The air with impurity enter into the special cartridge with high efficiency, that stop solid particles, capture and join outside particles of oil and condensate (coalescent effect). In this way, they easily fall down at the bottom of the bowl, where condensate is discharged. Filtered air obtained is without solid and liquid parts.

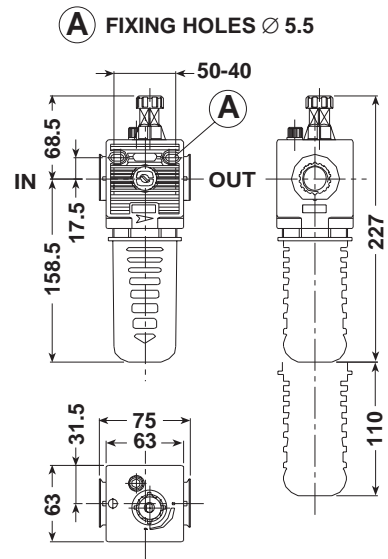


## Coalescent oil-proof microfilter

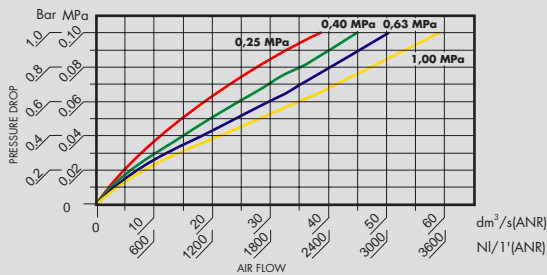
Essential in circuits where oil is not permitted.

- \* Coalescent cartridge made in microfiber, allows an high filtration efficiency of 99,99% on 0,1 micron particles.
- \* Long-lasting filtering element.
- \* Can be wall mounted using the relative holes.
- \* Manual and semiautomatic condensate drainage in the integrated (SS) or float type automatic version (SA).
- \* Bowl in toughened polyamide with outer bowl guard.
- \* It is advisable to install a filter with 5 micron element, to consent long-lasting of coalescent cartridge.
- \* Maximum operating pressure: 12,5 Bar (1,25 MPa).
- \* Temperature range: 5±50°C (41±122°F).
- \* Max. torque inserts G1/2" IN-OUT: 80 N·m.
- \* Reference flow rate (P=6,3 Bar - Δp=1 Bar): 290 NI/min.
- \* Weight: 0,355 Kg.

## Lubricator



FLOW CHARTS



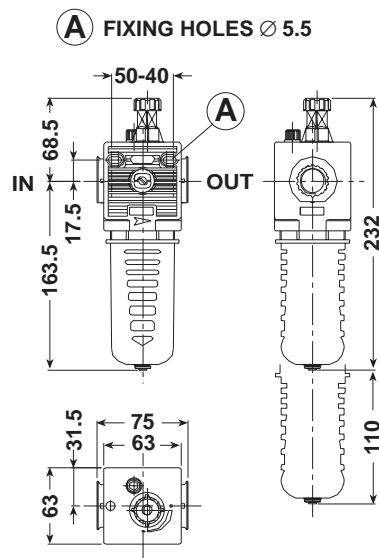
MINIMUM OPERATING FLOW

Inlet Pressure			Minimum Air Flow		
Psi	MPa	Bar	dm <sup>3</sup> /s (ANR)	NI/1' (ANR)	SCFM
36	0,25	2,50	0,25	15	0.5
58	0,40	4,00	0,30	18	0.63
91	0,63	6,30	0,38	23	0.8

## Lubricator

The proportional oil mist type.

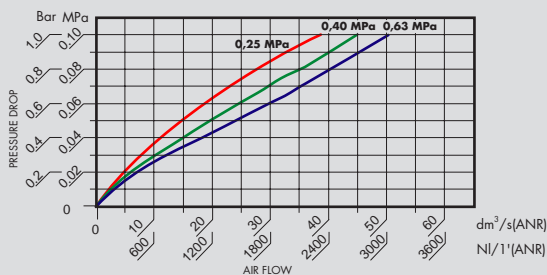
- \* Constantly steady delivery.
- \* Suction ensured even with low flow rates.
- \* Sensitive lubricant flow regulation.
- \* 360° drip display.
- \* Oil fill plug.
- \* Quick bowl connection by means of safety ring mechanism.
- \* Can be wall mounted using the relative holes.
- \* Bowl in toughened polyamide with outer bowl guard.
- \* Bowl capacity: 140 cc.
- \* Recommended oil viscosity ISO VG32.
- \* Maximum operating pressure: 12,5 Bar (1,25 MPa).
- \* Temperature range: 5+50°C (41+122°F).
- \* Max. torque inserts G1/2" IN-OUT: 80 N·m.
- \* Reference flow rate (P=10 Bar - Δp=1 Bar): 3550 NI/min.
- \* Weight: 0,355 Kg.



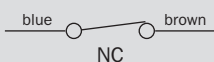
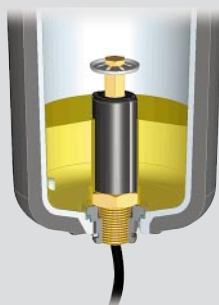
## Lubricator with level indicator

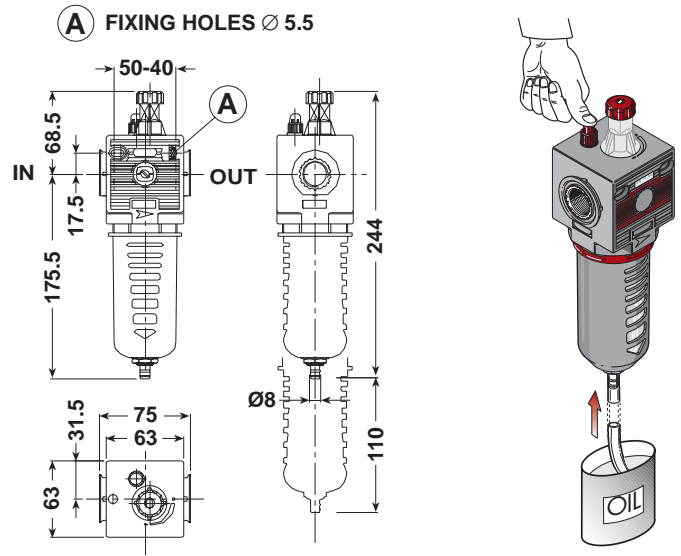
- \* This version is equipped with a float level indicator, that allows to receive an electric signal able to control acoustic and luminous alarm, when into the bowl the oil reaches the minimum level.
- \* Bowl capacity: 132 cc.
- \* Maximum voltage: 100V AC/DC.
- \* Contact: 0,75A 10W.
- \* Protection degree: IP 65.
- \* Other functional features, like standard model.
- \* Max. torque inserts G1/2" IN-OUT: 80 N·m.
- \* Reference flow rate (P=6,3 Bar -  $\Delta p=1$  Bar): 3020 NI/min.
- \* Maximum working pressure: 7 Bar (0,7 MPa).
- \* Weight: 0,385 Kg.

FLOW CHARTS

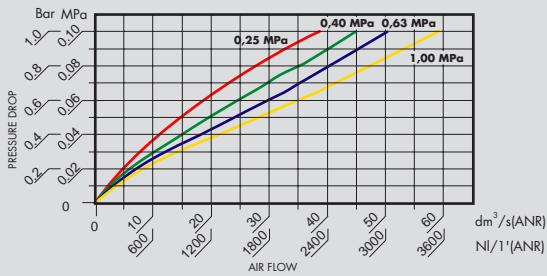


Level indicator





FLOW CHARTS

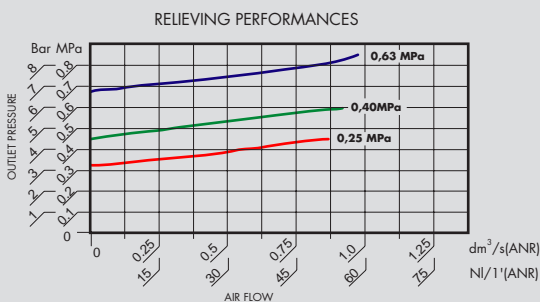
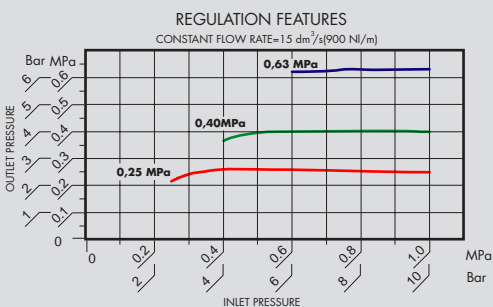
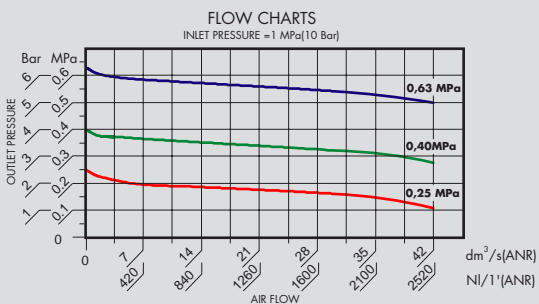
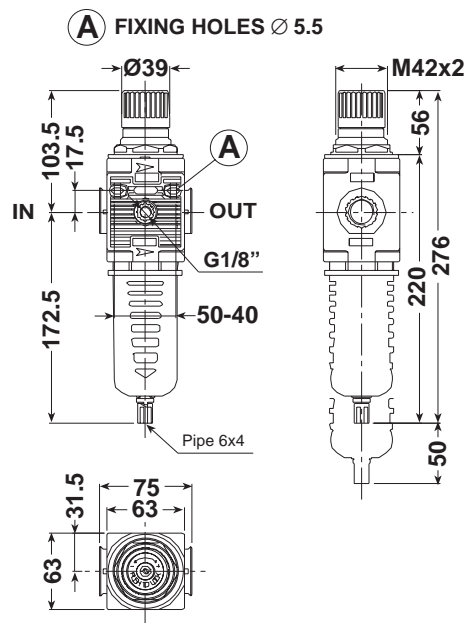


MINIMUM OPERATING FLOW

Inlet Pressure			Minimum Air Flow		
Psi	MPa	Bar	dm <sup>3</sup> /s (ANR)	NI/1' (ANR)	SCFM
36	0,25	2,50	0,25	15	0.5
58	0,40	4,00	0,30	18	0.63
91	0,63	6,30	0,38	23	0.8

## Automatic filling lubricator

- \* Essential when the oil must be quickly and safely loaded without interrupting the normal operation of the system.
- \* Filling is achieved by keeping the button at the base of the lubricator casing depressed. This provokes a vacuum inside the cup enabling the oil to be intaken.
- \* The flow will only interrupt when the button is released.
- \* The oil level must be visually inspected.
- \* Minimum activation pressure: 3 Bar (0,3 MPa).
- \* Other functional features as standard model.
- \* Max. torque inserts G1/2" IN-OUT: 80 N·m.
- \* Reference flow rate (P=10 Bar - Δp=1 Bar): 3550 NI/min.
- \* Weight: 0,395 Kg.

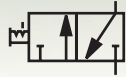


## Filter regulator

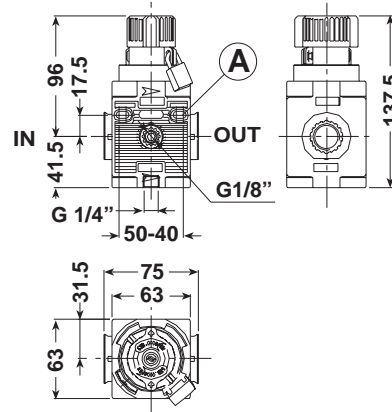
- \* Rolling diaphragm.
- \* The set pressure is kept stable regardless of upstream variations.
- \* High flow rate with low load losses.
- \* Downstream overpressures quickly eliminated.
- \* Lockable safety knob.
- \* High condensate separation level.
- \* Quick bowl connection by means of safety ring mechanism.
- \* Can be wall mounted using the relative holes or on bracket.
- \* Pressure ranges:  
0÷4 Bar, 0÷8 Bar (standard), 0÷12,5 Bar  
0÷0,4 MPa, 0÷0,8 MPa (standard), 0÷1,25 MPa
- \* Filtering degree: 5 micron and 20 micron (standard).
- \* Manual and semiautomatic condensate drainage in the integrated (SS) or float type automatic version (SA).
- \* Bowl in toughened polyamide with outer bowl guard.
- \* Collected quantity of condensate: 100 cc.
- \* Maximum operating pressure: 12,5 Bar (1,25 MPa).
- \* Temperature range: 5÷50°C (41÷122°F).
- \* Max. torque inserts G1/2" IN-OUT: 80 N·m.
- \* Reference flow rate (P=6,3 Bar - Δp=1 Bar): 2310 NI/min.
- \* Weight: 0,565 Kg

# 075 1/2"

## 3 Way on-off valve



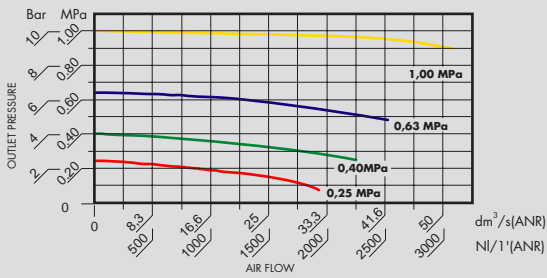
**A** FIXING HOLES  $\varnothing 5.5$



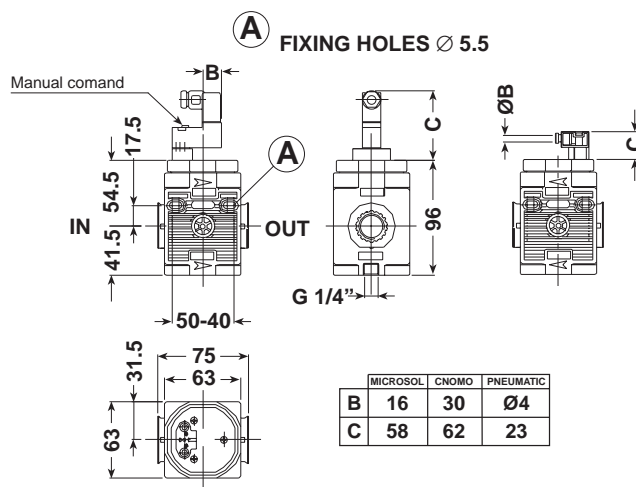
## 3 way on-off valve with lock

- \* Used to shut off the air supply while relieving the downstream circuit.
- \* The block device is particularly useful during maintenance operations. It prevents the system from being accidentally or wrongly pressurized.
- \* It can be wall mounted using the relative holes.
- \* Discharge connection: G1/4".
- \* Maximum inlet pressure: 12,5 Bar (1,25 MPa).
- \* Temperature range: 5+50°C (41+122°F).
- \* The device is equipped with 1 lock.
- \* Max. torque inserts G1/2" IN-OUT: 80 N·m.
- \* Reference flow rate (P=10 Bar -  $\Delta p=1$  Bar): 3075 NI/min.
- \* Weight: 0,390 Kg.

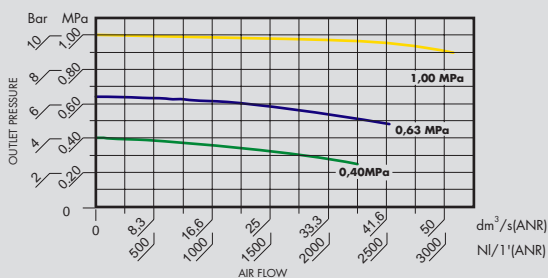
FLOW CHARTS



## Shut-off valve



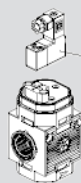
FLOW CHARTS



## Shut-off valve

- \* Device used to shut off the air supply while relieving the downstream circuit by a remote electric control.
- \* Available with MICROSOL type or in compliance with CNOMO standards remote electric control (to be ordered separately).
- \* Available with remote pneumatic control.
- \* It can be wall mounted using the relative holes.
- \* Discharge connection: G1/4".
- \* Minimum pressure admitted: 3 Bar (0,3 MPa).
- \* Maximum working pressure: 10 Bar (1 MPa).
- \* Temperature range: 5±50°C (41±122°F).
- \* Max. torque inserts G1/2" IN-OUT: 80 N·m.
- \* Reference flow rate (P=10 Bar - Δp=1 Bar): 3075 NI/min.
- \* Weight: 0,400 Kg.

### Microsol Control



- C50.26.00002 KIT C. ELECTR. 3/2 NC 2W 24V CC MICROSOL
- C50.26.00003 KIT C. ELECTR. 3/2 NC 1W 24V AC MICROSOL
- C50.26.00004 KIT C. ELECTR. 3/2 NC 1W 110V AC MICROSOL
- C50.26.00005 KIT C. ELECTR. 3/2 NC 1W 220V AC MICROSOL
- 075.26.00002 SV 1/2" 075 PRED. C. ELECTR. MICROSOL / PNEUM.

### Cnomo Control



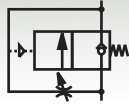
- A50.26.00010 CONN. CNOMO
- A50.26.00006 SOL. 2.5W 24V CC
- A50.26.00007 SOL. 2.5W 24V AC
- A50.26.00008 SOL. 2.5W 110V AC
- A50.26.00009 SOL. 2.5W 220V AC
- C50.26.00006 C. ELECTR EV 3/2 NC CNOMO
- 075.26.00001 SV 1/2" 075 PRED. C. ELECTR. CNOMO

### Pneumatic Control

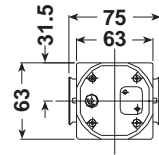
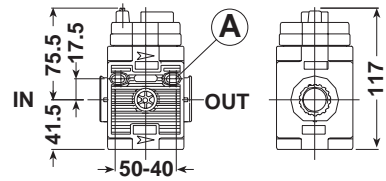


- C40.26.00014 KIT C. PNEUMATIC
- 075.26.00002 SV 1/2" 075 PRED. C. ELECTR. MICROSOL / PNEUM.

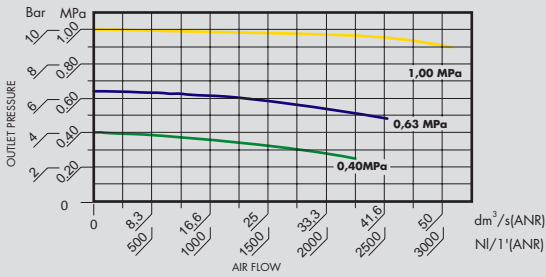
## Slow start valve



**A** FIXING HOLES  $\varnothing$  5.5



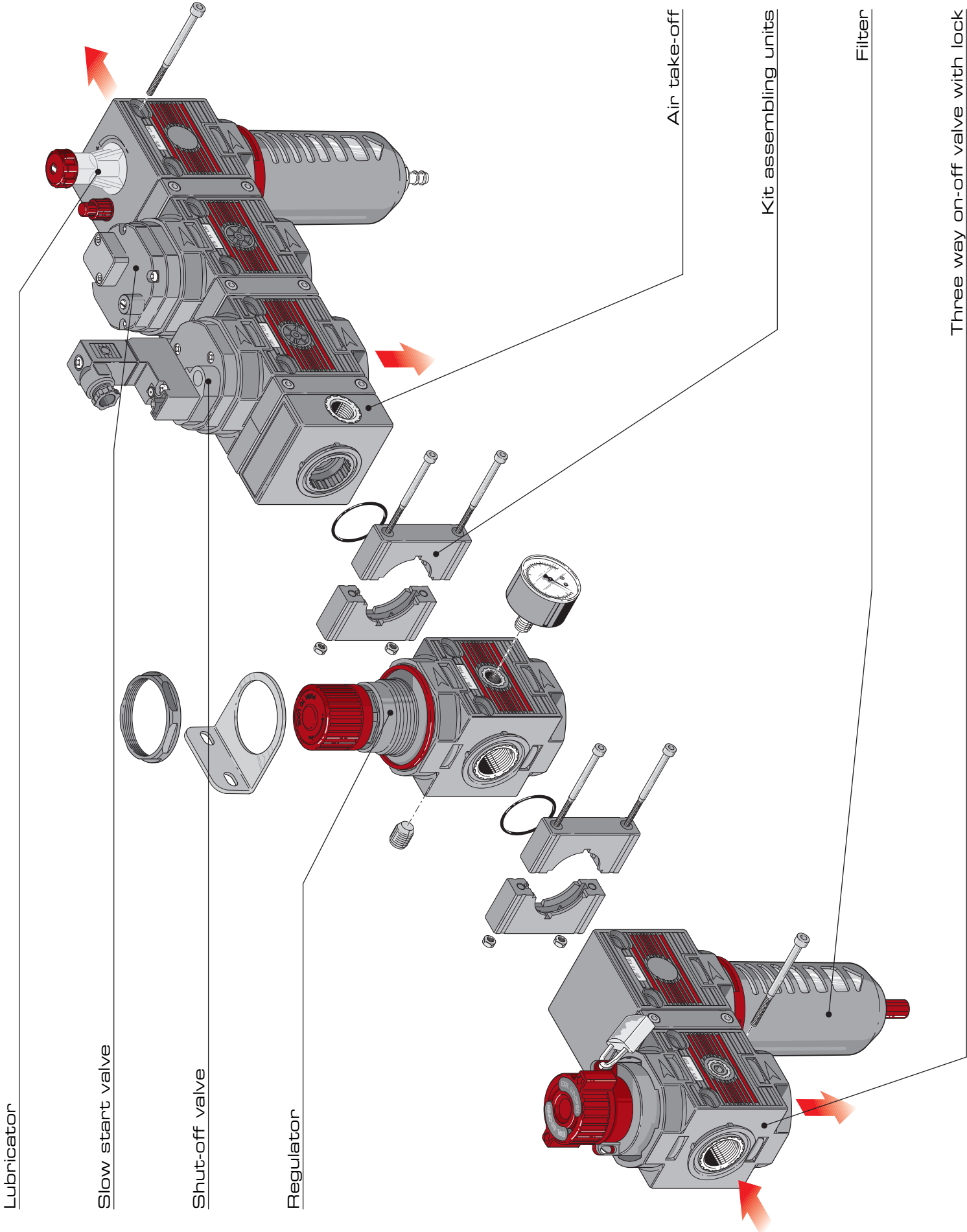
FLOW CHARTS



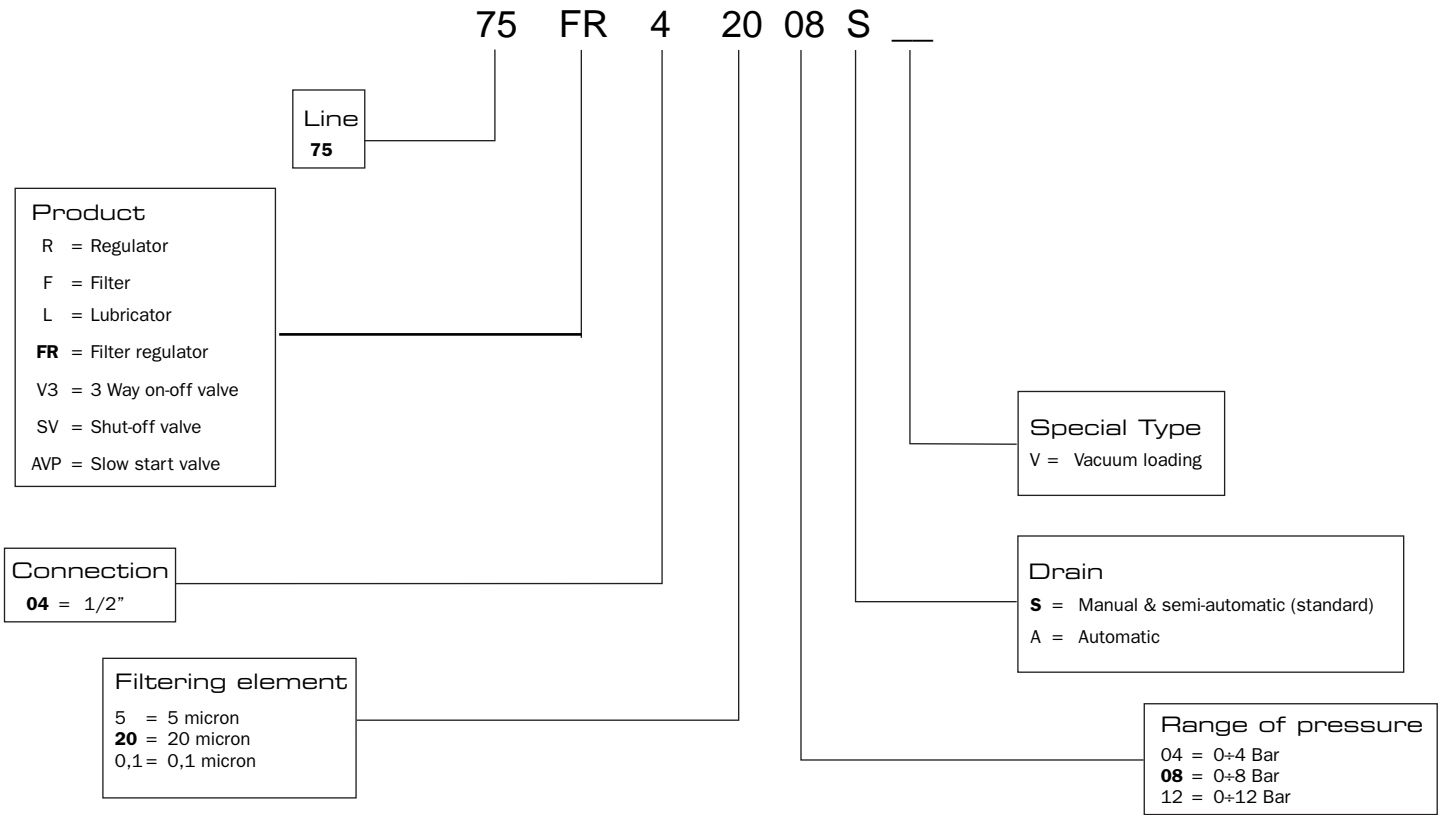
## Slow start valve

Gradually pressurizes the system until reaching the set operating pressure value.

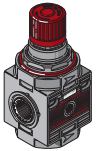
- \* Before delivering the maximum available pressure, the air is allowed to slowly flow around the downstream circuit until about 60% of the pressure is reached upstream.
- \* Use the built-in flow governor to establish the pressurizing time.
- \* It can be wall mounted using the relative holes.
- \* Minimum pressure admitted: 3 Bar (0,3 MPa).
- \* Maximum working pressure: 10 Bar (1 MPa).
- \* Temperature range: 5÷50°C (41÷122°F).
- \* Max. torque inserts G1/2" IN-OUT: 80 N·m.
- \* Reference flow rate (P=10 Bar - Δp=1 Bar): 3075 NI/min.
- \* Weight: 0,410 Kg.



### Guide to references

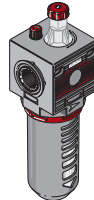


#### Regulator



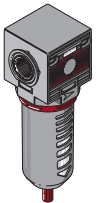
CODE	REF.
→ 72 R 4 04	Regulator 1/2" 4bar
72 R 4 08	Regulator 1/2" 8bar
72 R 4 12	Regulator 1/2" 12bar

#### Lubricator



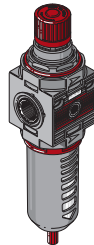
CODE	REF.
→ 75 L 4	Lubricator 1/2"
75 L 4 V	Lubricator 1/2" Vacuum

#### Filter



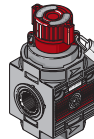
CODE	REF.
→ 75 F 4 20 S	Filter 1/2" 20mic Semi
75 F 4 20 A	Filter 1/2" 20mic Auto
75 F 4 5 S	Filter 1/2" 5mic Semi
75 F 4 5 A	Filter 1/2" 5mic Auto

#### Filter regulator



CODE	REF.
→ 75 FR 4 20 04 S	Filter Reg 1/2" 20mic 4bar Semi
75 FR 4 20 08 S	Filter Reg 1/2" 20mic 8bar Semi
75 FR 4 20 12 S	Filter Reg 1/2" 20mic 12bar Semi
75 FR 4 5 04 S	Filter Reg 1/2" 5mic 4bar Semi
75 FR 4 5 08 S	Filter Reg 1/2" 5mic 8bar Semi
75 FR 4 5 12 S	Filter Reg 1/2" 5mic 12bar Semi
75 FR 4 20 04 A	Filter Reg 1/2" 20mic 4bar Auto
75 FR 4 20 08 A	Filter Reg 1/2" 20mic 8bar Auto
75 FR 4 20 12 A	Filter Reg 1/2" 20mic 12bar Auto
75 FR 4 5 04 A	Filter Reg 1/2" 5mic 4bar Auto
75 FR 4 5 08 A	Filter Reg 1/2" 5mic 8bar Auto
75 FR 4 5 12 A	Filter Reg 1/2" 5mic 12bar Auto

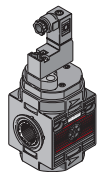
#### 3 Way on-off valve



CODE	REF.
→ 75 IV 4	Isolation Valve 1/2"

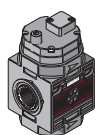
→ = Standard version

### Shut-off valve



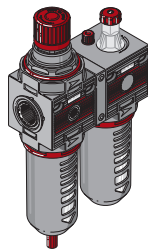
CODE	REF.
→ 75IVS/P4	Isolation Valve 1/2 Sol./Pneu. Control
C50.26.00002	Kit. C. Electr. 3/2 NC 2W 24V CC Microsol
C50.26.00003	Kit. C. Electr. 3/2 NC 1W 24V AC Microsol
C50.26.00004	Kit. C. Electr. 3/2 NC 1W 110V AC Microsol
C50.26.00005	Kit. C. Electr. 3/2 NC 1W 220V AC Microsol
C40.26.00014	Kit. C. Pneumatic
CODE	REF.
→ 75IVC4	Isolation Valve 1/2 CNOMO Control
C50.26.00006	C. Electr. EV 3/2 NC Cnomo
A50.26.00006	Sol. 5W 24V CC
A50.26.00007	Sol. 5W 24V AC
A50.26.00008	Sol. 5W 110V AC
A50.26.00009	Sol. 5W 220V AC
A50.26.00010	Connector 22 mm

### Slow start valve



CODE	REF.
→ 75SS4	Slow Start 1/2

### FR+L Unit



CODE	REF.
→ 75FRL42004S	FR+L 1/2" 075 20 04 R PE SS
75FRL42008S	FR+L 1/2" 075 20 08 R PE SS
75FRL42012S	FR+L 1/2" 075 20 12 R PE SS
75FRL4504S	FR+L 1/2" 075 5 04 R PE SS
75FRL4508S	FR+L 1/2" 075 5 08 R PE SS
75FRL4512S	FR+L 1/2" 075 5 12 R PE SS
75FRL42004A	FR+L 1/2" 075 20 04 R PE SA
75FRL42008A	FR+L 1/2" 075 20 08 R PE SA
75FRL42012A	FR+L 1/2" 075 20 12 R PE SA
75FRL4504A	FR+L 1/2" 075 5 04 R PE SA
75FRL4508A	FR+L 1/2" 075 5 08 R PE SA
75FRL4512A	FR+L 1/2" 075 5 12 R PE SA
075.16.00501	FR+L 1/2" 075 20 08 R PE SS VL
075.16.00505	FR+L 1/2" 075 20 12 R PE SS VL
075.16.00507	FR+L 1/2" 075 5 08 R PE SS VL
075.16.00509	FR+L 1/2" 075 5 12 R PE SS VL
075.16.00511	FR+L 1/2" 075 20 08 R PE SA VL
075.16.00513	FR+L 1/2" 075 20 12 R PE SA VL
075.16.00515	FR+L 1/2" 075 5 08 R PE SA VL
075.16.00518	FR+L 1/2" 075 5 12 R PE SA VL

→ = Standard version

### Spare parts

#### Diaphragm complete



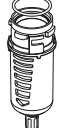
CODE	PROD.	VERSION
C75.01.00023	R - FR	RELIEVING

#### Regulation spring



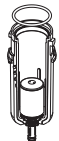
CODE	PROD.	SET REGULATION
A75.01.00030	R - FR	0÷4 Bar
A75.01.00031	R - FR	0÷8 Bar
A75.01.00032	R - FR	0÷12 Bar

#### Bowl for filter



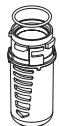
CODE	PROD.	VERSION
C75.02.00022	F - FR - MF	PE SS

#### Bowl with automatic drain



CODE	PROD.	VERSION
C75.02.00026	F - FR - MF	PE SA

#### Bowl for lubricator



CODE	PROD.	VERSION
C75.03.00022	L	PE
C75.13.01001	VL	PE
C75.03.00075	IL	PE

#### Filtering element



CODE	PRODUCT	VERSION
C75.02.00059	F	20 MICRON
C75.02.00064	FR	20 MICRON
C75.02.00063	F	5 MICRON
C75.02.00065	FR	5 MICRON
C75.02.00061	MF	0,1 MICRON

#### Oil window



CODE	PROD.
C75.03.00018	L

#### Oil plug with OR 2031



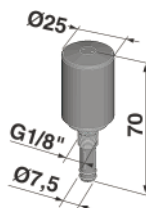
CODE	PROD.
C75.03.00011	L

#### Plug



CODE	CONNECTION
B38.00.00018	G1/8"

#### Automatic drain



CODE	PRODUCT
C40.02.00130	F - FR - MF

#### Mounting kit for automatic drain



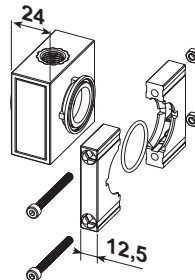
CODE	PRODUCT
C40.02.00131	F - FR - MF

#### Gauge



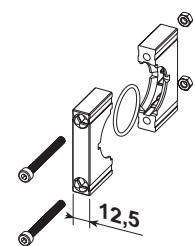
CODE	Bar	Psi	A	B	CH.
A75.01.00010	0÷12	0÷175	50	G1/8"	14
A75.01.00011	0÷6	0÷85	50	G1/8"	14

#### Air takeoff



CODE	CONNECTION	PRODUCT
C75.06.00002	1/4"	F+R+L - FR+L - F+L

#### Kit assembling units



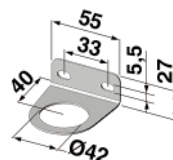
CODE	PRODUCT
C75.05.00001	F+R+L
C75.06.00001	FR+L - F+L

#### Adapter



CODE	VERSION
A75.02.00011	1/2" - 3/8"

#### Bracket



CODE
C75.01.00018