

OVERALL SPECIFICATION

FLUID : Compressed air or neutral gas
The compressed air used must be dry to prevent ice buildup

PORTS : G3/4 to G1 1/2

MAX. INLET PRESSURE at 23°C : 17,5 bar
at 50°C : 12 bar

CONTROLLED PRESSURE : 0,5-12 bar, 0,5-16 bar, (0,5-4 bar)

HYSTERESIS : 0,4 bar

AMBIENT TEMPERATURE : -10°C to +50°C

MAX. FLOW (P1=10 bar and P2=6,3bar) : G3/4 = 13200 l/mn - G1 = 19000 l/mn

REGULATOR : Self-relieving

BOWL CAPACITY : 520 cm³



CONSTRUCTION

Filtering capacity 30 µm or 5 µm
Aluminium body
Semi-automatic or automatic drain, pipable (manual on request)
Regulating device with flat diaphragm
Metal bowl with polypropylene level viewing window

CHOICE OF EQUIPMENT

port size	maximum flow (ANR) at 6,3 bar pressure setpoint and ΔP 1 bar/setpoint inlet pressure 8 bar		code							
			gauge dia.	manual drain (5)		filter / regulator		automatic drain		
				with pressure gauge	without pressure gauge	semi-automatic drain with pressure gauge	without pressure gauge	with pressure gauge	without pressure gauge	
	(l/min)	(dm ³ /s)								
30 µm filtration - 0,5 - 16 bar (1) adjustment range										
G 3/4	10100	169	50	34207173	34207169	34207165	34207161	34207181	34207177	
G 1	13500	226	50	34207174	34207170	34207166	34207162	34207182	34207178	
G 1 1/4 ⁽⁴⁾	13500	226	50	34207175	34207171	34207167	34207163	34207183	34207179	
G 1 1/2 ⁽⁴⁾	13500	226	50	34207176	34207172	34207168	34207164	34207184	34207180	
5 µm filtration - 0,5 - 16 bar (1) adjustment range - (3)										
G 3/4	9300	156	50	34207197	34207193	34207189	34207185	34207205	34207201	
G 1	13200	221	50	34207198	34207194	34207190	34207186	34207206	34207202	
30 µm filtration - 0,5 - 12 bar (2) adjustment range										
G 3/4	10100	169	50	34207101	34207097	34207093	34207089	34207109	34207105	
G 1	13500	226	50	34207102	34207098	34207094	34207090	34207110	34207106	
G 1 1/4 ⁽⁴⁾	13500	226	50	34207103	34207099	34207095	34207091	34207111	34207107	
G 1 1/2 ⁽⁴⁾	13500	226	50	34207104	34207100	34207096	34207092	34207112	34207108	
5 µm filtration - 0,5 - 12 bar (2) adjustment range - (3)										
G 3/4	9300	156	50	34207125	34207121	34207117	34207113	34207133	34207129	
G 1	13200	221	50	34207126	34207122	34207118	34207114	34207134	34207130	

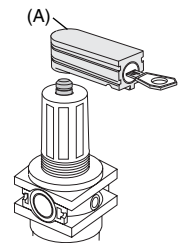
- (1) 0-16 bar pressure gauge
- (2) 0-12 bar pressure gauge
- (3) ΔP = 0,35 bar
- (4) The G 1 1/4 and G 1 1/2 versions are composed of a G 1 version + 1 set of 2 G 1 1/4 or G 1 1/2 flanges (1 connecting flange for each end of each component). When assembling several components together (FRL, isolation valve etc...), select G 1 components and provide for 1 set of G 1 1/4 or G 1 1/2 flanges (see pages 21 and 22 for flanges assembly)
- (5) Metal manual drain

OPTIONS

- Regulator designed to receive a key lock, code: **662597**
- Key locking device attached to adjustment knob, supplied installed on regulator, code: **662593**
- Adjustment range: 0,5 to 4 bar, (provide 50 mm dia. 0 - 4 bar pressure gauge) code: **662567**

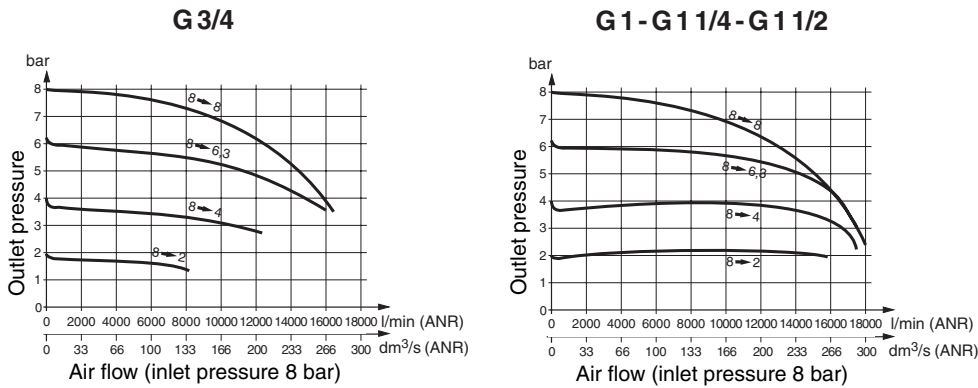
OTHER PRODUCT OPTIONS

- Hexagon adapter for the installation of a subbase-mount pressure switch at front (see accessories)
- Subbase-mount (see P718-1) or electronic (see P718-2) pressure switch
- By-pass module (see page 16)
- Key locking device (A), supplied separately, code: **34303050**



ACCESSORIES (see pages 21 -22)

PRESSURE LOSS VERSUS AIR FLOW CURVES

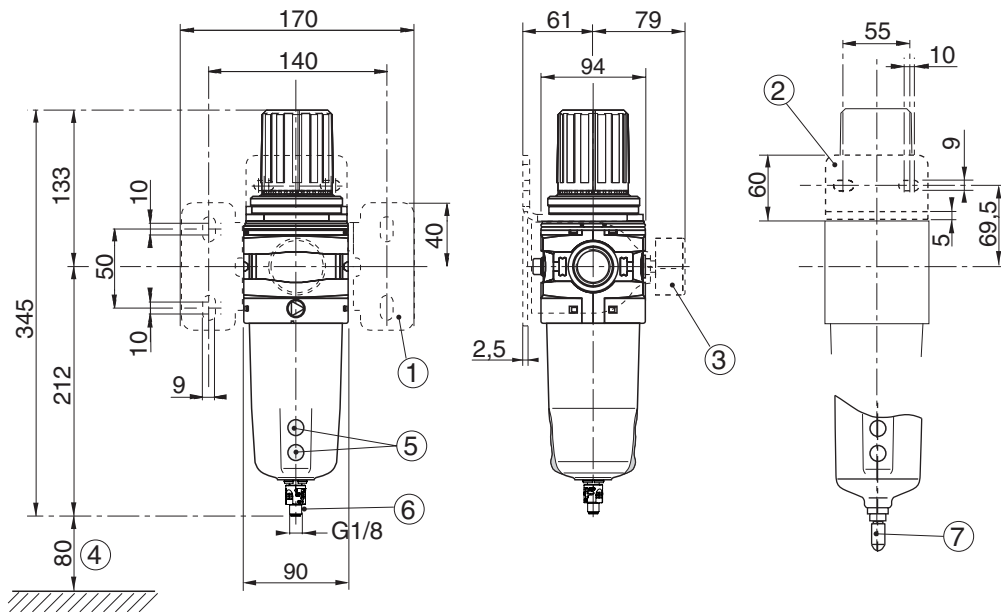


DIMENSIONS AND WEIGHTS - G3/4 - G1 VERSIONS

Weight: 1,500 Kg

Mounting with side brackets

Mounting with top bracket



G 1 1/4 - G 1 1/2 versions - see accessories

- ① Mounting with 2 side brackets (accessory)
- ② Mounting with top bracket (accessory)
- ③ 50 mm dia. pressure gauge
- ④ Clearance required for bowl removal
- ⑤ Condensate level window
- ⑥ semi-automatic drain connectable G1/8
- ⑦ Automatic drain connectable to 6 mm ID flexible tubing

INSTALLATION AND MAINTENANCE

Systems must be installed with the bowls in vertical position (at the bottom).

Air flow direction indicated by arrow (▶).

Use an alkaline solution (soapy water) and not a solvent for cleaning the polycarbonate bowls and sight glasses.