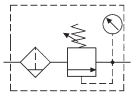
Filter Pressure Regulator Type 480
variobloc G 1/4 – G 1



Filter pressure regulators unique in space-saving model the functions of a filter and a regulator in one piece of equipment. (see single definitions).

Technical Data

	I		II	
Thread	G 1/4	G 3/8	G 1/2	G 3/4 G 1***
Nominal rates of flow*	2000 Nl/min	3000 Nl/min	5500 Nl/min	6500 Nl/min
Wideness of pores (filter)	40 µm (optionally: 5 µm)			
Pre-Pressure (p_1) max.**	16 bar / 20 bar with metal bowl			
Secondary pressure (p_2) max.	10 bar (optionally: 6, 16 bar)			
Max. operating temperature	50 °C / 80 °C with metal bowl			
Volume of condensate	25 cm³		85 cm³	
Drain valve	manuelly (opt.: semi-automatic, fully-automatic)			
Material				
Housing	zinc alloy			
Seals	NBR			
Plastic bowl	polycarbonate			
Weight (without gauge)	460 g		1150 g (G 1 = 1610 g)	

* measured at 10 bar pre-pressure (p_1), 6 bar secondary pressure (p_2) and $\Delta p = 1$ bar after ISO 6953.
** with internal-automatic drain valve between 1,0 and 12 bar
*** mounting plates with G 1 see page 17
External-automatic drain valve see page 18

Fixing- and assembly-possibilities see page 17

special option - how to order:

480.xxxx

bowl / option
- **plastic bowl**
- **S bowl protection (not size II)**
- **M metal bowl**
- **A lockable**
- **D gauge with color code 0 - 16 bar**

adjusting pressure
- **2 6 bar** (scale 0 - 10 bar)
- **3 10 bar** (scale 0 - 16 bar)
- **4 16 bar** (scale 0 - 25 bar)

Size 2 - G 1/4 **3 - G 3/8** **Size 6 - G 1/2** **8 - G 3/4** **9 - G 1*****

- **2** manually-operated drain valve + gauge
- **3** internal-automatic drain valve + gauge
- **4** manually-operated drain valve without gauge
- **5** semi-automatic drain valve + gauge
- **6** external-automatic drain valve A + gauge
- **7** internal-automatic drain valve without gauge
- **8** external-automatic drain valve A without gauge
- **9** semi-automatic drain valve without gauge

Accessories and main spare parts

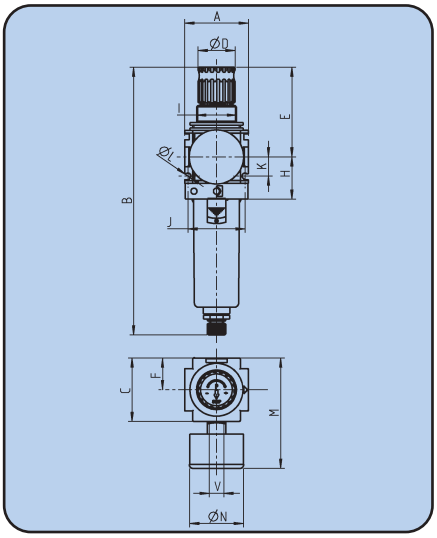
		I	II
Gauge scale	0 - 10 bar	**723**	**55**
	0 - 16 bar	**734**	**85**
	0 - 25 bar	**745**	**96**
Filter insert	40 µm	**480-7**	**480-219**
	5 µm (reduced flow)	**480-45**	**480-220**
Plastic bowl with manually-operated drain valve		**480-18**	**480-210**
Plastic bowl with bowl protection		**480-90**	**-**
Metal bowl with manually-operated drain valve		**480-28**	**480-213**
Bowl protection		**480-25**	**-**
Wear parts			
Diaphragm complete with gliding ring		**480-92**	**480-263**
Seal cone complete		**480-48**	**480-218**

Advice:

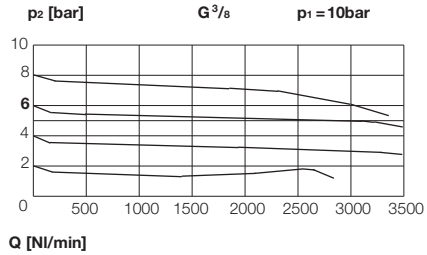
Pressure gauge (self-tightened) added loosely

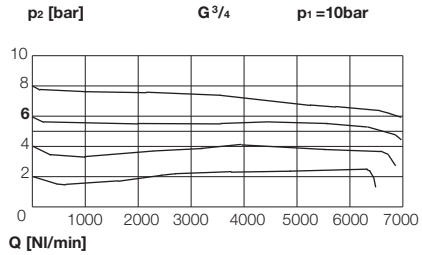
Upon request:

Cover	"private label"
Thread	NPT



Rates of flow





Dimensions [mm]

Thread	A	B	C	ØD	E	F	H	I	J	K	ØL	M	ØN	V
G 1/4 and G 3/8	48	203	48	28	68	24	32	M30x1,5	43	14,5	4,4	84	40	G 1/4
G 1/2 and G 3/4	70	273	70	39	98	35	44	M42x1,5	62	18	5,4	106	50	G 1/4
G 1***	125	273	70	39	98	35	44	M42x1,5	62	18	5,4	106	50	G 1/4