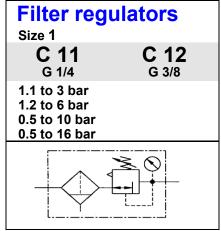


# Compressed air conditioning





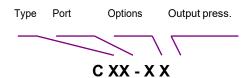
# **Characteristics**

Туре	C 11	C 12	
Port	G 1/4	G 3/8	
Pressure gauge port	G 1	G 1/4	
Type of construction	self-relieving design	Diaphragm pressure regulator with self-relieving design Centrifugal filter Sintered filter element	
		on request e.g v port closed	
Input pressure p1	· ·	16 bar with plastic bowl 20 bar with metal bowl	
Input pressure p1	Max. 16 bar		
with fully-automatic drain	Min. 1.5 bar	Min. 1.5 bar	
Control range p2	0.1 to 3 bar / 0.2 to 0.5 to 10 bar / 0.5 t	•	
Mounting position	Vertical, drain plug	at bottom	
Mounting type	Bracket and nut, ho mm Bracket or two		
Medium temperature Ambient	-10 to 60 °C (other -10 to 60 °C range	temperature es on request)	
Filter rating	5 µ		
Bowl capacity	Max. 25 cm <sup>3</sup> conde	Max. 25 cm³ condensate	
Condensate drain	Semi-automatic Fully-automatic on	request	
Weight [g]	392 / 477 with pres	392 / 477 with pressure gauge	

### **Materials**

Part		Material
Head piece (body)		Z 410
Spring bonnet		POM-brass
Diaphragm	$\rightarrow$	NBR-brass
Pressure spring	,	Galvanised steel
Valve cone	$\rightarrow$	NBR-brass
Counter-pressure spring	$\rightarrow$	Stainless steel
O-ring 30 x 2	,	NBR
Spring bonnet, lockable		POM-AI
Lock cylinder		Brass
Filter element 5 µm		PE
Condensate bowl		Polycarbonate
Baffle		PA

# **Ordering information**



Order example: C 11-K 10-HA

Port	
11	G 1/4
12	G 3/8
Options	
K-HA	Plastic bowl
M-SR	Metal bowl with sight glass
S	Bowl guard

# Please use the suffix

### Description

- Block design
   Simple block mounting with other devices using conical clamps and half threads
- Joiner sets (KP 11) required for block mounting
- Pressure setting can be locked by pushing the knob down
- Flow direction indicated by arrows
- Entry in direction of arrow
- Independent of inlet pressure
- Pressure gauge Ø 40 mm included
  Pressure gauge can be mounted at both ends
  Lockable adjusting knob (on request)
  Filter rating acc. to ISO 4003, glass bead test
  Bowl guard can be retrofitted without tools

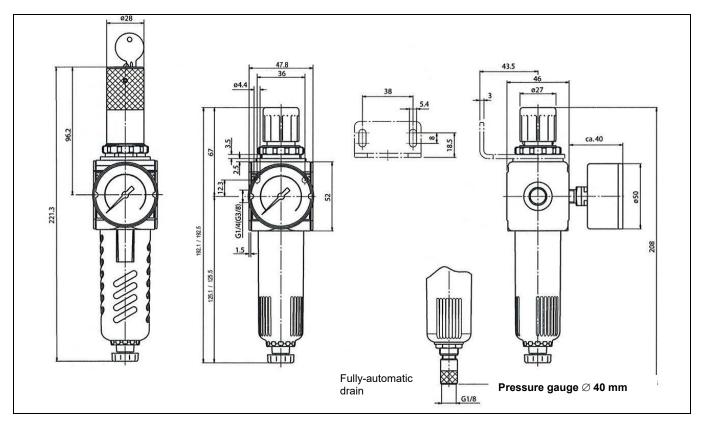
### Main spare parts

Part	Part No.
ightarrow Set of wearing parts	22.1811.4
- Diaphragm, cmpl.	
- Valve cone, cmpl.	
Pr. gauge Ø 40 mm, G1/4	
0 to 4 bar	110.01-KD
0 to 6 bar	110.02-KD
0 to 10 bar	110.03-KD
0 to 16 bar	110.04-KD



# Compressed air conditioning

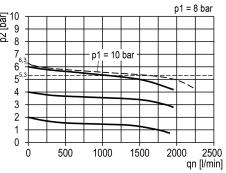
# **Dimensions** [mm]



### Flow rates

Flow rates at  $p_1 = 10$  bar

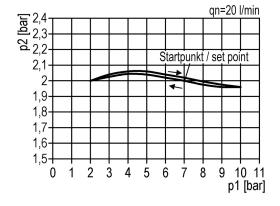
Art. No.		C 11	C 12
Output pressure p2 = <b>6.3</b> [bar]	QN m³/h	90	90
Nominal flow ( $\Delta p = 1 \text{ bar}$ )	l/min	1600	1600



Flow characteristic

# Hysteresis

Hysteresis of **p2** as a function of rising (falling) p1 with a constant draw-off quantity QN 20 I/min Basic setting (starting point): p1: 7.0 bar p2: 2.0 bar



### **Accessories**

Designation	Order No.
Nut M30x1.5	R 11-55
Mounting bracket with nut R 11-55	MV 30
Mounting bracket with 2 screws, cmpl.	ZW 11
Joiner set	KP 11
Joiner set for narrow diverter block	KP 11 Z
Metal bowl with sight glass	MS 11 FS
Metal bowl with sight glass and fully-autom. drain valve	MS 11 FS-A
Polycarbonate bowl with semi-automatic drain valve	KS 11 F-FA
Polycarbonate bowl with fully-automatic drain valve	KS 11 F-A
Bowl guard	SK 11
Filter element 5 µm	611.6.905
Automatic drain valve	655.6.900