

Two-Piece Maintenance Unit standard



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A maintenance unit consisting of a filter pressure regulator and lubricator with a double nipple. Can be combined with additional equipment to make other variations. Port sizes G^{1/8} to G^{1/2}.

Technical Data

	Small	Medium
Nominal rates of flow**	580 NI/min	1830 NI/min
Min. flow rate***	50 NI/min	117 NI/min
Max. inlet pressure	16 bar / 25 bar	
plastic bowl/metal bowl		
Operating temperature	0°C to +50°C / 0°C to +90°C	
plastic bowl/metal bowl		
Effective bowl volume		
filter bowl/lubricator bowl	25 cm ³ / 40 cm ³	80 cm ³ / 135 cm ³
Mounting position	vertical	
Direction of flow	arrow	
Nominal width	DN6	DN15
Nominal pressure (housing)	PN25	
Dependence upon supply pressure	<3%	<2%
Reversing control hysteresis	~ 1 bar	
Weight	1400 g	3670 g
Material		
Diaphragm/Seals	NBR	
Housing	zinc alloy	
Plastic bowl	polycarbonate	
Filter element	sintered bronze	

** measured at p₁=8 bar, p₂=6 bar and Δp=1 bar

*** Oil delivery 10 droplets/min at 6 bar

Recommended oil see chapter 8

Oil containers made of plastic (polycarbonate) are attacked by oil additives, anti-frost or synthetic oils. We therefore recommend normal lubricating oils of approximately 22 to 32 cSt at 40°C (in the case of striking tools up to 68 cSt). Metal containers should be used for other oils, especially for low-temperature oils. Also recommended is a metal lubricator adjusting cap.

Two-Piece Maintenance Units

0,5 - 10 bar

Size	G ^{1/8}	G ^{1/4}	G ^{3/8}	G ^{1/2}
Small	331.21*	331.22*	331.23	-
Medium	-	-	331.35*	331.36

Accessories

	Small	Medium
Bracket mounting	323-68	280-132
Connector (double nipple)		
G ^{1/8}	185.29	-
G ^{1/4}	185.33	-
G ^{3/8}	185.55	185.55
G ^{1/2}	-	185.77

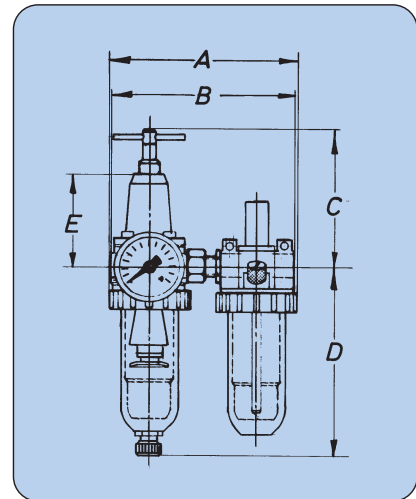
special option - how to order:

331.21 x

└── M - metal bowl
└── S - bowl protection

For example:

331.21 - but with bowl protection = 331.21S



Dimensions [mm]

Size Port	Small			Medium	
	G ^{1/8} *	G ^{1/4} *	G ^{3/8}	G ^{3/8} *	G ^{1/2}
A	124	124	124	182	182
B	130	130	122	184	176
C	99	99	99	134	134
D	131	131	131	172	172
E	67	67	67	87	87

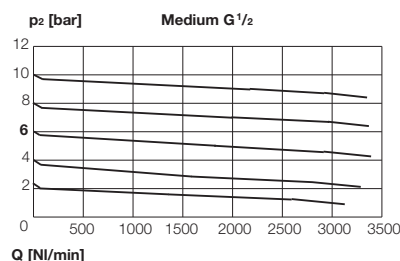
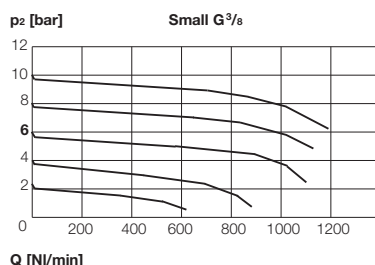
Filter pressure regulator, see page 26

Lubricators, see page 22

Drain valves, see chapter 7

Rates of flow

p₁=p₂+2bar



* Inlet and outlet reduced