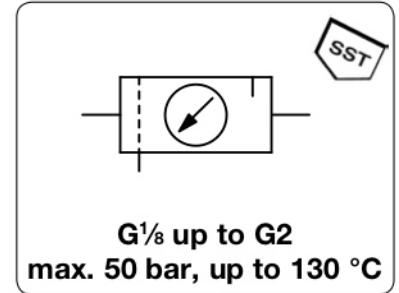


# C3002 - Groupe de conditionnement d'air comprimé, en acier inoxydable 316L, pour les industries chimique, du pétrole, l'agroalimentaire et le secteur médical

<b>Description</b>	FRL service unit completely made of stainless steel, very robust. Application examples are the chemistry, petroleum processing as well as food industry and medical technology.
<b>Media</b>	compressed air, gases or liquids
<b>Supply pressure</b>	max. 50 bar (without drain), optionally max. 30 bar (manual drain), max. 30 bar for C3002-01H
<b>Adjustment</b>	by hexagon socket screw <b>Relieving function</b> relieving, optionally non-relieving
<b>Gauge port</b>	G $\frac{1}{4}$ on both sides of the body, G $\frac{1}{4}$ at C3002-01, one screw plug supplied
<b>Filter element</b>	50 $\mu$ m, optionally 5 $\mu$ m, made of stainless steel <b>Bowl</b> stainless steel version without sight glass
<b>Drainage</b>	screw plug as standard, optionally manual drain (max. 30 bar) or automatic drain (max. 16 bar)
<b>Temperature range</b>	-20 °C to 80 °C / -4 °F to 176 °F for FKM or EPDM -20 °C to 130 °C / -4 °F to 266 °F for high temperature version, or low temperature version down to -40 °C / -40 °F
<b>Material</b>	Body / Bowl: stainless steel 316L, material no. 1.4404 Inner valve: stainless steel 316L / 1.4404 Diaphragm: NBR/Buna-N with PTFE coating, optionally EPDM or FKM O-rings: FKM, optionally EPDM



Dimensions			Combination	Flow rate		Connection	Order
A	B	C	existing	m <sup>3</sup> /h*1	l/min*1	thread	number
mm	mm	mm	of			G	

FRL unit, 2-part			P1: max. 50 bar, screw plug,	P2: 0.5...8 bar, relieving,	50 $\mu$ m, with gauge	C3002	
90	155	85	B+L3000	17	280	G $\frac{1}{8}$	<b>C3002-01H</b>
138	246	124		48	800	G $\frac{1}{4}$	<b>C3002-02</b>
138	246	124		48	800	G $\frac{3}{8}$	<b>C3002-03</b>
168	255	128		180	3 000	G $\frac{1}{2}$	<b>C3002-04</b>
282	304	168		360	6 000	G $\frac{3}{4}$	<b>C3002-06</b>
282	304	168		360	6 000	G1	<b>C3002-08</b>
393	304	168		360	6 000	G1 $\frac{1}{4}$	<b>C3002-10</b>
393	304	168		360	6 000	G1 $\frac{1}{2}$	<b>C3002-1A</b>
362	482	213		1 200	20 000	G1 $\frac{1}{2}$	<b>C3002-12</b>
362	482	213		1 200	20 000	G2	<b>C3002-16</b>



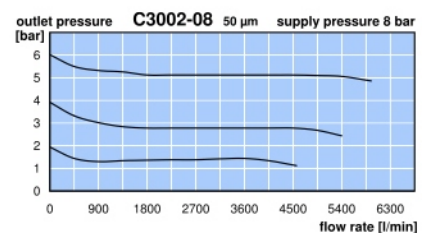
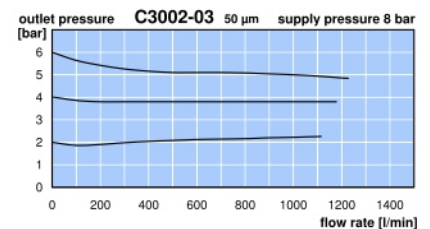
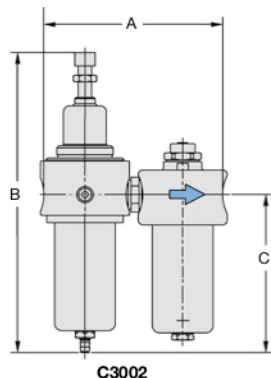
## Special options, add the appropriate letter

<b>5 <math>\mu</math>m filter element</b>		for G $\frac{1}{4}$ and G $\frac{1}{2}$	C3002-..G
		for G $\frac{3}{4}$ to G1 $\frac{1}{2}$ (1A)	C3002-..G
		for G1 $\frac{1}{2}$ (12) and G2	C3002-..G
<b>NPT connection thread</b>		for G $\frac{1}{4}$ to G2	C3002-..N
<b>pressure range 0.2... 3 bar</b>			C3002-..B
<b>pressure range 1 ...15 bar</b>	P <sub>1</sub> max. 50 bar		C3002-..D
<b>manual drain</b>	max. 30 bar		C3002-..H
<b>automatic drain</b>	max. 16 bar	for G $\frac{1}{4}$ to G1	C3002-..R
<b>down to -40 °C / -40 °F</b>	low temperature version		C3002-..X51
<b>up to 130 °C / 266 °F</b>	high temperature version		C3002-..X54
<b>EPDM-elastomer</b>			C3002-..E
<b>flange connection</b>	see end of the chapter / flanges		C3002-..F.



## Accessories, enclosed

<b>mounting bracket</b>		for G $\frac{1}{8}$	<b>BW30-03S</b>
<b>mounting nut</b>			<b>M30x1,5S</b>
<b>mounting bracket</b>		for G $\frac{1}{4}$ , G $\frac{3}{8}$ , G $\frac{3}{4}$ to G1 $\frac{1}{2}$ (1A)	<b>BW45-03S</b>
<b>mounting nut</b>			<b>M45x1,5S</b>
<b>mounting bracket</b>		for G $\frac{1}{2}$	<b>BW50-01S</b>
<b>mounting nut</b>			<b>M50x1,5S</b>
<b>mounting bracket</b>		for G1 $\frac{1}{2}$ (12) and G2	<b>BW00-62S</b>



\*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop