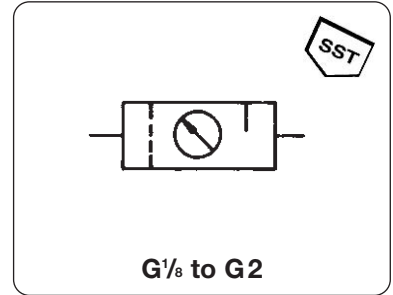


<b>Description</b>	FRL combination unit in 316L stainless steel throughout. Ideal for acid gases and / or corrosive environments. Applications in on and off shore petrochemical processing, food, pulp and paper industry, pharmaceutical industry, pollution control and waste water treatment.		
<b>Supply pressure</b>	max. 30 / 50 bar for pressure range < 15 bar max. 50 bar for pressure range > 15 bar max. 12 bar with autodrain	<b>Relieving</b>	as standard non-relieving as option
<b>Filter elements</b>	50 µm of SST as standard, 5 µm as option	<b>Setting</b>	manual with hexagonal screw
<b>Gauge ports</b>	G <sup>1</sup> / <sub>4</sub> on both sides of the body, G <sup>1</sup> / <sub>8</sub> on C300.-01	<b>Air consumption</b>	no constant bleed
<b>Temperature range</b>	-20 °C to 80 °C / -4°F / 180°F	<b>Drain</b>	manual drain, autodrain as option
<b>Materials</b>	Body, bowl, inner valve: 316L stainless steel Diaphragm: Teflon-coated NBR,	<b>Spring:</b>	304 stainless steel Viton or stainless steel as option



Dimensions			FRL Unit consists of	Flow rate	Connection thread	Order Number
A	B	C				
mm	mm	mm		m <sup>3</sup> /h*	l/min*	G

FRL unit, 2 elements			manual drain with gauge,	max. 30 bar 0... 8 bar	Teflon-coated NBR relieving, 50 µm	C3002
90	160	140	B3000 + L3000 + gauge	30	500	G <sup>1</sup> / <sub>8</sub> <b>C3002-01</b>
140	160	140		48	800	G <sup>1</sup> / <sub>4</sub> <b>C3002-02</b>
140	160	140		54	900	G <sup>3</sup> / <sub>8</sub> <b>C3002-03</b>
175	175	165		144	2400	G <sup>1</sup> / <sub>2</sub> <b>C3002-04</b>
175	175	165		150	2500	G <sup>3</sup> / <sub>4</sub> <b>C3002-06</b>
230	220	200		360	6000	G1 <b>C3002-08</b>

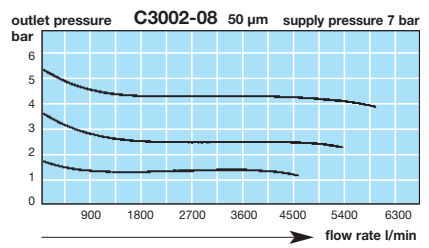
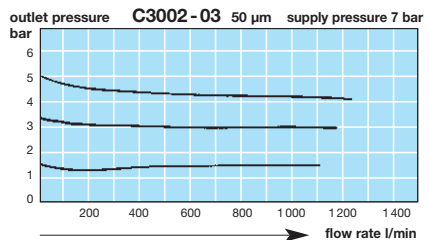
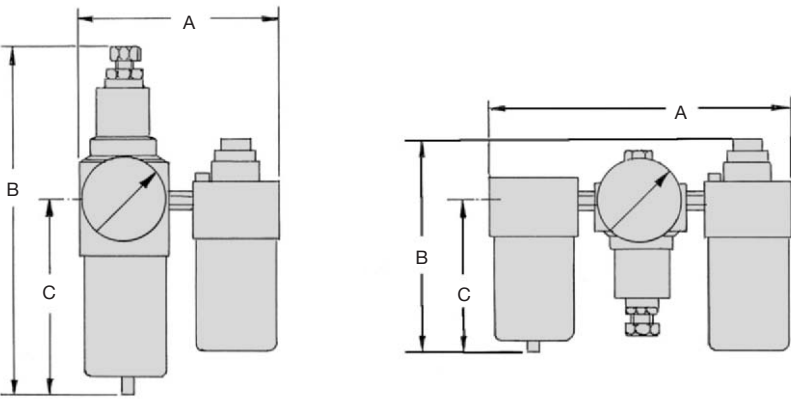


FRL unit, 3 elements			manual drain with gauge,	max. 30 bar 0... 8 bar	Teflon-coated NBR relieving, 50 µm	C3003
135	160	140	F3000 + R3000 + L3000 + gauge	30	500	G <sup>1</sup> / <sub>8</sub> <b>C3003-01</b>
215	160	140		48	800	G <sup>1</sup> / <sub>4</sub> <b>C3003-02</b>
215	160	140		54	900	G <sup>3</sup> / <sub>8</sub> <b>C3003-03</b>
265	175	165		144	2400	G <sup>1</sup> / <sub>2</sub> <b>C3003-04</b>
265	175	165		150	2500	G <sup>3</sup> / <sub>4</sub> <b>C3003-06</b>
385	220	200		360	6000	G1 <b>C3003-08</b>
385	220	200		720	12000	G1 <sup>1</sup> / <sub>2</sub> <b>C3003-12</b>
555	200	210		780	13000	G2 <b>C3003-16</b>



### Special options add the appropriate letter

- autodrain** SA 602 MDS, max. 16 bar, from G<sup>1</sup>/<sub>2</sub> **R** C3000 - . . R
- 5 µm filter element** **G** C3000 - . . G
- NPT port** **N** C3000 - . . N
- Viton elastomer** FPM, temperature range -20° to 120 °C/180 °F **V** C3000 - . . V
- mount. bracket + nut** SAR-F3002 (G<sup>1</sup>/<sub>4</sub>, G<sup>3</sup>/<sub>8</sub>) SAR-F3006 (G<sup>1</sup>/<sub>2</sub>, G<sup>3</sup>/<sub>4</sub>) **X** C3000 - . . X
- SAR-F3008 (G<sup>3</sup>/<sub>4</sub>, G1) **X** C3000 - . . X
- other options** see B3000, F3000, R3000



\* at 7 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop

For FRL unit of brass, see chapter "FRL"

