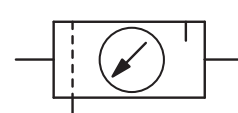


<b>Description</b>	Extremely robust FRL service unit made of brass.
<b>Media</b>	compressed air, non-corrosive gases or liquids
<b>Supply pressure</b>	max. 50 bar at CM2, max. 30 bar at CM3, optionally max. 50 bar (all without drain)
<b>Adjustment</b>	by black plastic knob at CM.-01, by T-handle with locknut at CM.-02 to CM.-16
<b>Gauge port</b>	G $\frac{1}{4}$ or G $\frac{1}{2}$ at CM.-01, on both sides of the body, 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 at G $\frac{1}{2}$ to G1, brass version without sight glass at G1 $\frac{1}{2}$ and G2
<b>Drainage</b>	screw plug as standard, optionally manual drain (max. 30 bar) or automatic drain (max. 16 bar)
<b>Temperature range</b>	0 °C to 60 °C / 32 °F to 140 °F NBR/Buna-N, EPDM or FKM 0 °C to 130 °C / 32 °F to 212 °F high temperature version for appropriately conditioned compressed air down to -20 °C / -4 °F
<b>Material</b>	Body: brass Bowl: stainless steel 316L / 1.4404 at G $\frac{1}{2}$ to G1, brass at G1 $\frac{1}{2}$ and G2 Elastomer: NBR/Buna-N optionally EPDM or FKM Knob: plastic at sizes G $\frac{1}{4}$ and G $\frac{1}{2}$ , brass at G $\frac{1}{2}$ to G2 Inner valve: brass and plastic (not at option X54)



**G $\frac{1}{8}$  to G2, max. 50 bar**  
**-40 to 130 °C / -40 to 266 °F**

Dimensions			Combination consisting of	Bowl design made of	Flow rate		Connection thread G	Order number
A	B	C			m $^3$ /h*1	l/min*1		

FRL unit, 2-part				P1: max. 50 bar, screw plug, relieving, with pressure gauge	P2: 0.5...8 bar, 50 $\mu$ m, with pressure gauge	CM2		
90	188	116	BM+LM	stainless steel	33	550	G $\frac{1}{8}$	CM2-01
140	240	140			51	850	G $\frac{1}{4}$	CM2-02
175	270	152			138	2300	G $\frac{1}{2}$	CM2-04
200	360	207			342	5700	G $\frac{3}{4}$	CM2-06
200	360	207			342	5700	G1	CM2-08
420	540	450	BM+LM	brass	690	11500	G1 $\frac{1}{2}$	CM2-12
420	540	450			690	11500	G2	CM2-B6



CM2-02H

FRL unit, 3-part				P1: max. 30 bar, screw plug, relieving, with pressure gauge	P2: 0.5...8 bar, 50 $\mu$ m, with pressure gauge	CM3		
215	160	140	FM+R120+LM	stainless steel	51	850	G $\frac{1}{4}$	CM3-02
265	175	165			138	2300	G $\frac{1}{2}$	CM3-04
385	222	165			342	5700	G $\frac{3}{4}$	CM3-06
385	222	165			342	5700	G1	CM3-08
640	362	223	FM+R120+LM	brass	690	11500	G1 $\frac{1}{2}$	CM3-12
640	362	223			690	11500	G2	CM3-B6

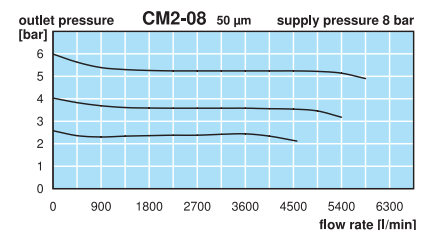
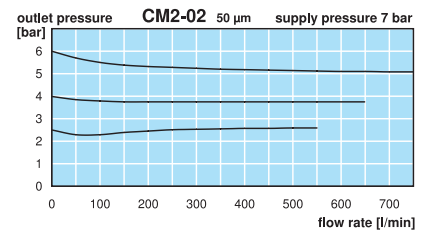
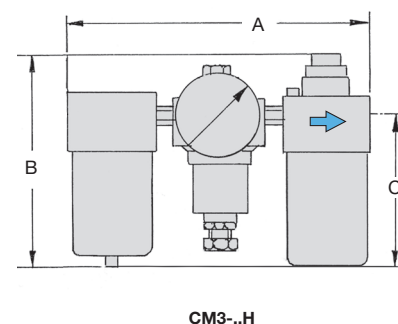
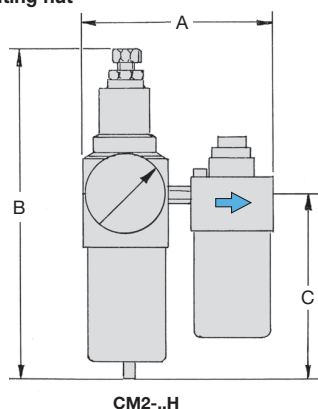


CM3-04H

Special options, add the appropriate letter		
5 $\mu$ m filter element		for G $\frac{1}{4}$ and G $\frac{3}{4}$ for G1 for G1 $\frac{1}{2}$ and G2
NPT connection thread		CM...G CM...G CM...G CM...N CM...B CM...D CM...H CM...R CM...X51 CM...X54 CM...E CM...V CM...F
0.2... 3 bar pressure range		
1 ...15 bar pressure range	supply max. 50 bar	
manual drain	max. 30 bar	
automatic drain	made of stainless steel, max. 16 bar	for G $\frac{1}{4}$ to G2
down to -40 °C / -40 °F	low temperature version	
up to 130 °C / 266 °F	high temperature version	
EPDM elastomer		
FKM elastomer		
flange connection	see chapter for stainless steel devices / flanges	

### Accessories, enclosed

mounting bracket	made of stainless steel	for G $\frac{1}{2}$	BW30-03S
mounting nut			M30x1,5S
mounting bracket	made of stainless steel	for G $\frac{1}{4}$	BW35-01S
mounting nut			M35x1,5S
mounting bracket	made of stainless steel	for G $\frac{1}{2}$ to G1	BW50-01S
mounting nut			M50x1,5S



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

Further details: see chapter for single devices  
Spare parts: see separate spare parts list

PDF CAD  
www.aircom.net

Order example:  
CM2-01