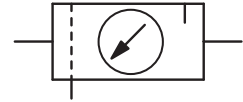


Description	Extremely robust FRL service unit made of brass.
Media	compressed air, non-corrosive gases or liquids
Supply pressure	max. 50 bar at CM2, max. 30 bar at CM3, optionally max. 50 bar (all without drain)
Adjustment	by black plastic knob at CM.-01, by T-handle with locknut at CM.-02 to CM.-16
Gauge port	G $\frac{1}{4}$ or G $\frac{1}{2}$ at CM.-01, on both sides of the body, one screw plug supplied
Filter element	50 μ m, optionally 5 μ m, made of stainless steel
Bowl	Relieving function relieving, optionally non-relieving
Drainage	stainless steel without sight glass at G $\frac{1}{2}$ to G1, brass version without sight glass at G1 $\frac{1}{2}$ and G2
Temperature range	screw plug as standard, optionally manual drain (max. 30 bar) or automatic drain (max. 16 bar)
	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
Material	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 $\frac{1}{2}$ and G $\frac{1}{4}$, 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		
mm	mm	mm						

FRL unit, 2-part

P1: max. 50 bar, screw plug, relieving, with pressure gauge

CM2

90	150	80	BM+LM	stainless steel	33	550	G $\frac{1}{8}$	CM2-01
138	220	123			51	850	G $\frac{1}{4}$	CM2-02
168	247	127			138	2300	G $\frac{1}{2}$	CM2-04
198	295	168			342	5700	G $\frac{3}{4}$	CM2-06
198	295	168			342	5700	G1	CM2-08
378	470	224	BM+LM	brass	690	11500	G1 $\frac{1}{2}$	CM2-12
378	470	224			690	11500	G2	CM2-B6

FRL unit, 3-part

P1: max. 30 bar, screw plug, relieving, with pressure gauge

CM3

212	173	129	FM+R120+LM	stainless steel	51	850	G $\frac{1}{4}$	CM3-02
256	175	130			138	2300	G $\frac{1}{2}$	CM3-04
314	294	228			342	5700	G $\frac{3}{4}$	CM3-06
314	294	228			342	5700	G1	CM3-08
548	385	257			690	11500	G1 $\frac{1}{2}$	CM3-12
548	385	257	FM+R120+LM	brass	690	11500	G2	CM3-B6

Special options, add the appropriate letter

5 μ m filter element

for G $\frac{1}{4}$ and G $\frac{3}{4}$
 for G1
 for G1 $\frac{1}{2}$ and G2

CM...G
 CM...G
 CM...G

NPT

connection thread

CM...N

0.2... 3 bar pressure range

CM...B

1 ...15 bar pressure range

CM...D

manual drain

supply max. 50 bar

CM...H

automatic drain

made of stainless steel, max. 16 bar

for G $\frac{1}{4}$ to G2

CM...R

down to -40 °C / -40 °F

low temperature version

CM...X51

up to 130 °C / 266 °F

high temperature version

CM...X54

EPDM elastomer

CM...E

FKM elastomer

CM...V

flange connection

see chapter for stainless steel devices / flanges

CM...F.

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

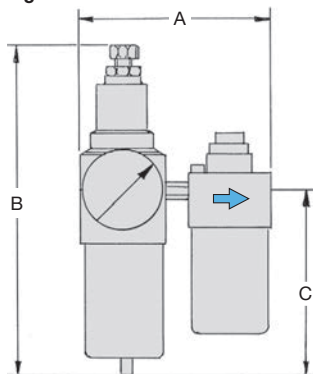
mounting bracket made of stainless steel

for G $\frac{1}{2}$ to G1

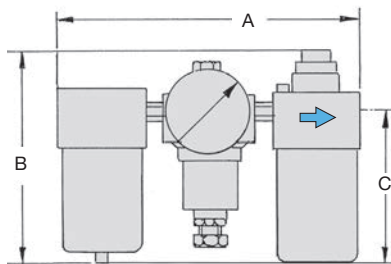
BW50-01S

mounting nut

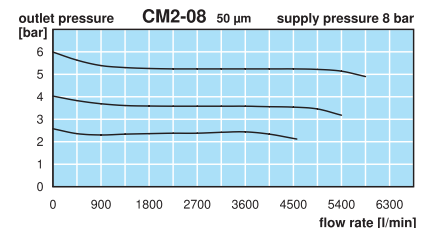
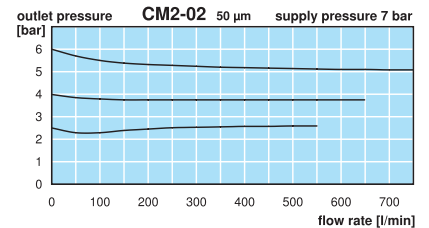
M50x1,5S



CM2-..H



CM3-..H



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



Order example:
CM2-01

China website: www.duray-control.cn