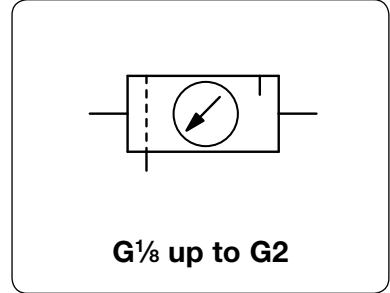


<b>Description</b>	Solid, low-cost FRL service unit made of zinc die-cast equipped with pressure gauge. Wall mounting is possible through two drilled holes in the body.		
<b>Media</b>	compressed air or non-corrosive gases		
<b>Supply pressure</b>	max. 12 bar for plastic bowl,		max. 16 bar for metal bowl with sight glass
<b>Adjustment</b>	max. 30 bar for metal bowl without sight glass		
<b>Gauge port</b>	by plastic knob with snap-lock up to G $\frac{1}{2}$ , by handwheel from G $\frac{3}{4}$ to G1 $\frac{1}{2}$ (CD.-1A.), by T-handle from G1 $\frac{1}{2}$ (CD.-12.) on		
<b>Filter element</b>	G $\frac{1}{4}$ or G $\frac{3}{8}$ at CD.-01/-02, on both sides of the body, one screw plug supplied		
<b>Bowl</b>	20 $\mu$ m or 50 $\mu$ m, optionally 5 $\mu$ m or 50 $\mu$ m, made of propylene		
<b>Drainage</b>	plastic or metal version with or without sight glass <b>Relieving function</b> relieving, optionally non-relieving		
<b>Temperature range</b>	semiautomatic drain as standard, optionally automatic (max. 16 bar) or manual drain for max. 30 bar		
<b>Material</b>	0 °C to 50 °C / 32 °F to 122 °F for plastic bowl or (semiautomatic drain version) 0 °C to 70 °C / 32 °F to 158 °F for metal bowl with sight glass 0 °C to 80 °C / 32 °F to 176 °F for metal bowl without sight glass		
	Body: zinc die-cast at G $\frac{1}{8}$ to G $\frac{1}{4}$ , aluminium at sizes G $\frac{3}{8}$ to G2	Inner valve: brass Bowl: polyurethane or zinc die-cast	Elastomer: NBR/Buna-N



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

FRL unit, 2-part				P $_1$ : max. 12 / 16 bar, P $_2$ : 0.8...8 bar, 20 / 50 $\mu$ m, semiautomatic drain, relieving, with gauge				CD2	
80	198	125	BD +LD	plastic metal/sight glass	20	26	430	G $\frac{1}{8}$	CD2-01L CD2-01 CD2-02L CD2-02
80	198	125		plastic metal/sight glass	20	26	430	G $\frac{1}{4}$	CD2-03 CD2-04 CD2-06 CD2-08 CD2-10 CD2-1A CD2-12 CD2-16
128	250	146		metal/sight glass	50	102	1700	G $\frac{3}{8}$ G $\frac{1}{2}$	
210	305	180		metal/sight glass	50	288	4800	G $\frac{3}{4}$ G1	
240	282	172		metal/sight glass	50	372	6200	G1 $\frac{1}{4}$ G1 $\frac{1}{2}$	
420	540	450		metal/sight glass	50	900	15000	G1 $\frac{1}{2}$ G2	



FRL unit, 3-part				P $_1$ : max. 12 / 16 bar, P $_2$ : 0.8...8 bar, 20 / 50 $\mu$ m, semiautomatic drain, relieving, with gauge				CD3	
120	199	125	FD +RD +LD	plastic metal/sight glass plastic metal/sight glass	20	26	430	G $\frac{1}{8}$	CD3-01L CD3-01 CD3-02L CD3-02
192	250	146		metal/sight glass	50	102	1700	G $\frac{3}{8}$ G $\frac{1}{2}$	CD3-03 CD3-04 CD3-06 CD3-08 CD3-10 CD3-1A CD3-12 CD3-16
310	340	180		metal/sight glass	50	288	4800	G $\frac{3}{4}$ G1	
330	260	172		metal/sight glass	50	372	6200	G1 $\frac{1}{4}$ G1 $\frac{1}{2}$	
640	362	260		metal/sight glass	50	900	15000	G1 $\frac{1}{2}$ G2	

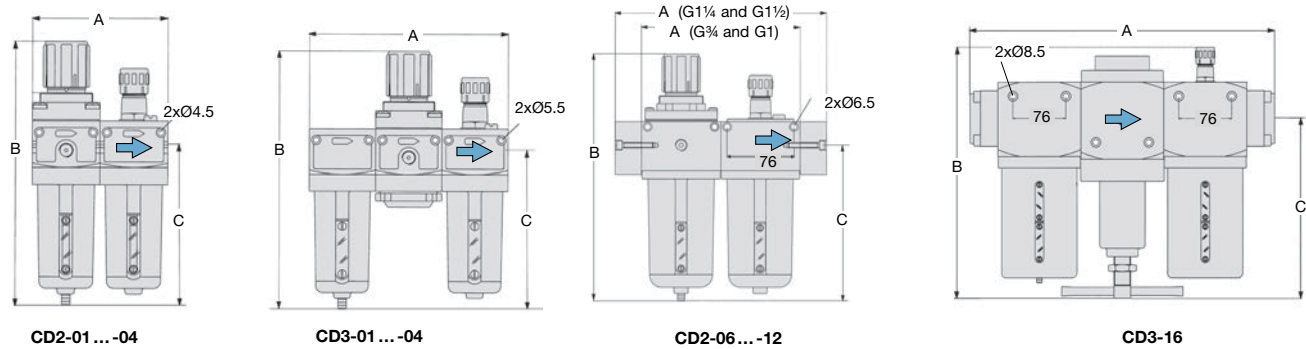
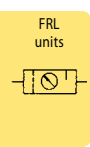


### Special options, add the appropriate letter

5 $\mu$ m filter element		for G $\frac{1}{8}$ to G2	CD . . . G
0.3...3 bar pressure range			CD . . . B
1 ...15 bar operating pressure	only for metal bowl (without sight glass) with manual drain		CD . . . E
30 bar manual drain	max. 16 bar		CD . . NH
automatic drain	drainage by float valve, max. 16 bar	for G $\frac{3}{8}$ to G2	CD . . . H CD . . . R

### Accessories, enclosed

mounting bracket	made of steel	for G $\frac{1}{8}$ and G $\frac{1}{4}$	BW30-02
mounting nut	made of plastic	for G $\frac{1}{8}$ and G $\frac{1}{4}$	M30x1,5K
mounting bracket	made of steel	for G $\frac{3}{8}$ and G $\frac{1}{2}$	BW50-03
mounting nut	made of plastic	for G $\frac{3}{8}$ and G $\frac{1}{2}$	M50x1,5K
mounting bracket	made of steel	for G $\frac{3}{4}$ to G1 $\frac{1}{2}$ (CD.-1A.)	BW00-06



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



**Order example:**  
CD02-01L  
China website: www.duray-control.cn