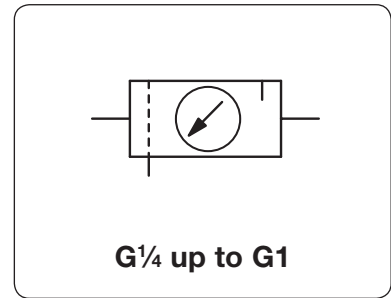


# "Maxi" FRL Service Unit

C20 / C21

<b>Description</b>	"Maxi" FRL service units with pressure gauge are of modular design with exchangeable insert kits and have a high flow rate. All "maxi" instruments are easy to take out of fixed piping by simply removing the two fastening bolts on the insert kits.	
<b>Media</b>	compressed air or non-corrosive gases	
<b>Supply pressure</b>	max. 17 bar	
<b>Adjustment</b>	by plastic knob with snap-lock at C20,	by T-handle with locknut at C21
<b>Relieving function</b>	relieving, optionally non-relieving	
<b>Gauge port</b>	G $\frac{1}{4}$ on both sides of the body	
<b>Drainage</b>	manual drain as standard,	
<b>Temperature range</b>	0 °C to 70 °C / 32 °F to 158 °F 0 °C to 50 °C / 32 °F to 122 °F for automatic or semiautomatic drain version	
<b>Material</b>	Body: zinc die-cast Knob (C20): glass fibre-reinforced plastic Bowl: zinc die-cast Elastomer: NBR/Buna-N	Filter element: 40 µm, optionally 5 µm, made of polypropylene Bowl: metal version with sight glass Spring cage: zinc die-cast T-handle (C21): steel Sight glass: polyurethane Inner valve: brass and plastic



Dimensions			Combination	Bowl	Flow	Connection	Order
A	B	C	consisting	design	rate	thread	number
mm	mm	mm	of	made of / with	m <sup>3</sup> /h*1	G	

FRL unit, 2-part			P <sub>1</sub> : max. 17 bar, P <sub>2</sub> : 0.3...9 bar, 40 µm, manual drain, relieving, with pressure gauge		C20			
178	289	175	B+L20	metal / sight glass	102 / 174	1700 / 2900	G $\frac{1}{4}$ / G $\frac{3}{8}$	C20-02BL-W C20-03BL-W
203	289	175	B+L20	metal / sight glass	276 / 402	4600 / 6700	G $\frac{1}{2}$ / G $\frac{3}{4}$	C20-04BL-W C20-06BL-W C20-08BL-W

FRL unit, 3-part			P <sub>1</sub> : max. 17 bar, P <sub>2</sub> : 0.3...9 bar, 40 µm, manual drain, relieving, with pressure gauge		C20			
270	226	171	F+R+L20	metal / sight glass	102 / 174	1700 / 2900	G $\frac{1}{4}$ / G $\frac{3}{8}$	C20-02FRL-W C20-03FRL-W
292	226	171	F+R+L20	metal / sight glass	276 / 402	4600 / 6700	G $\frac{1}{2}$ / G $\frac{3}{4}$	C20-04FRL-W C20-06FRL-W C20-08FRL-W

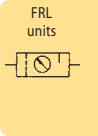
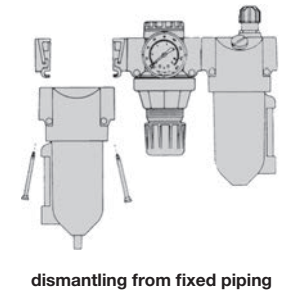
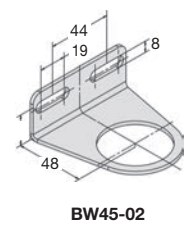
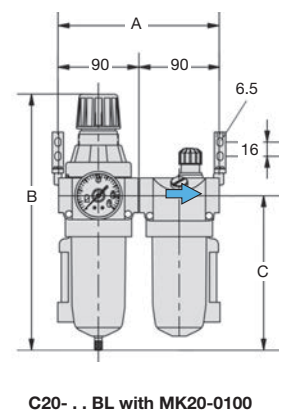
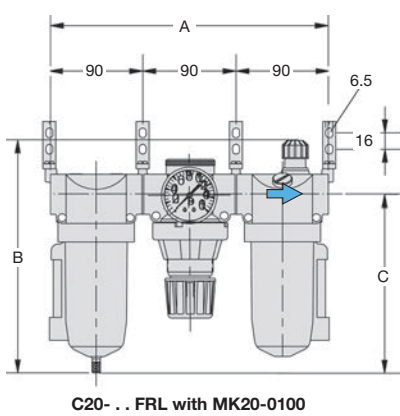


**Accessories, add the appropriate letter**

T-handle	including locknut	C21-0 . . . . -W
5 µm filter element		C20-0 . . . . -WG
NPT	connection thread	C20-0 . . . . -WN
0.2... 4 bar pressure range		C20-0 . . . . -WB
0.5...17 bar pressure range		C20-0 . . . . -WD
semiautomatic drain	RK500SY, max. 12 bar	C20-0 . . . . -WM
automatic drain	SA605MD, max. 12 bar	C20-0 . . . . -WR

**Accessories, enclosed**

mounting bracket	mounting at the spring cage	BW45-02
mounting nut	made of aluminium	M45x1,5A
mounting bracket set	made of steel, consisting of two mounting brackets	MK20-0100
porting block	tap G $\frac{1}{4}$ , for unlubricated compressed air	IK20CP
switch-on valve	lockable 3-port/2-way valve	IK20V



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



**Order example:**  
C20-02BL-W  
China website: www.duray-control.cn