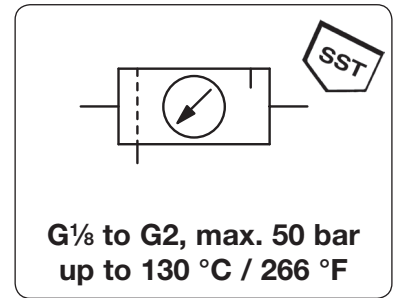


FRL Service Unit Made of Stainless Steel Throughout, up to 50 bar C3000

Description	FRL service unit completely made of stainless steel. Application examples are the chemistry, petroleum processing as well as food industry and medical technology.		
Media	compressed air, gases or liquids		
Supply pressure	max. 50 bar at C3002,	max. 30 bar at C3003,	optionally max. 50 bar (all without drain)
Adjustment	by hexagon socket screw with locknut		
Relieving function	relieving, optionally non-relieving		
Gauge port	G $\frac{1}{4}$ on both sides of the body, G $\frac{1}{8}$ at C3002-01, one screw plug supplied		
Filter element	50 μ m, optionally 5 μ m, made of stainless steel		
Bowl	stainless steel version without sight glass		
Drainage	screw plug as standard,	optionally manual drain (max. 30 bar) or automatic drain (max. 16 bar)	
Temperature range	-20 °C to 60 °C / -4 °F to 140 °F for NBR/Buna-N, EPDM or FKM -20 °C to 130 °C / -4 °F to 266 °F for high temperature version		
Material	Body: stainless steel 316L, material no. 1.4404	O-rings: NBR/Buna-N, EPDM or FKM	Inner valve: stainless steel 316L / 1.4404
	Diaphragm: NBR/Buna-N with PTFE coating, optionally stainless steel		



Dimensions			FRL	Flow	Connection	Order
A	B	C	service unit	rate	thread	number
mm	mm	mm	consisting of	m ³ /h*1	G	

FRL unit, 2-part			supply: max. 50 bar, outlet: 0.5...8 bar, 50 μ m, screw plug, relieving, with pressure gauge			C3002	
90	188	116	B+L3000	33	550	G $\frac{1}{8}$	C3002-01
140	253	130		51	850	G $\frac{1}{4}$	C3002-02
140	253	130		57	950	G $\frac{3}{8}$	C3002-03
175	260	132		138	2300	G $\frac{1}{2}$	C3002-04
200	360	207		342	5700	G $\frac{3}{4}$	C3002-06
200	360	207		350	6000	G1	C3002-08



C3002-04

FRL unit, 3-part			supply: max. 30 bar, outlet: 0.5...8 bar, 50 μ m, screw plug, relieving, with pressure gauge			C3003	
215	160	140	F+R+L3000	51	850	G $\frac{1}{4}$	C3003-02
265	175	165		138	2300	G $\frac{1}{2}$	C3003-04
385	222	165		342	5700	G $\frac{3}{4}$	C3003-06
385	222	165		350	6000	G1	C3003-08
810	390	340		720	12000	G1 $\frac{1}{2}$	C3003-12
810	390	340		780	13000	G2	C3003-B6



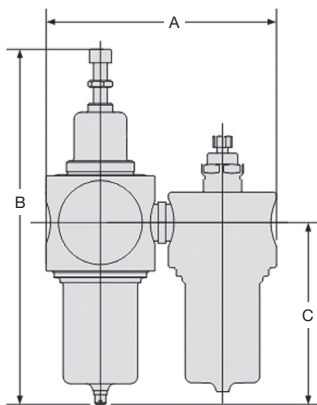
C3003-04

Special options, add the appropriate letter

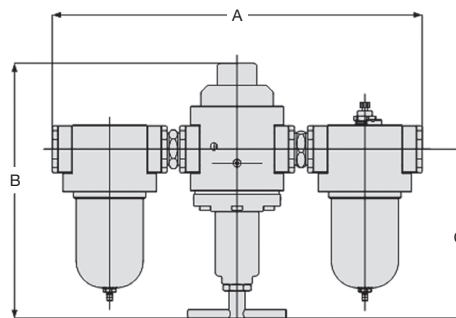
5 μ m filter element		for G $\frac{1}{4}$ and G $\frac{3}{4}$	C300...G
		for G1	C300...G
		for G1 $\frac{1}{2}$ and G2	C300...G
NPT connection thread			C300...N
0.2... 3 bar range			C300...B
1 ...15 bar range			C300...D
manual drain	supply max. 50 bar		C300...H
automatic drain	max. 30 bar		C300...R
up to 130 °C / 266 °F	max. 16 bar	for G $\frac{1}{4}$ to G2	C300...X54
EPDM elastomer	high temperature version		C300...E
FKM elastomer			C300...V
flange connection	see end of the chapter / flanges		C300...F

Accessories, enclosed

mounting bracket	for G $\frac{1}{8}$	(C3002)	BW30-03S
mounting nut			M30x1,5S
mounting bracket	for G $\frac{1}{4}$ to G $\frac{3}{8}$	(C3002), for G $\frac{1}{4}$	BW45-03S
mounting nut			M45x1,5S
mounting bracket	for G $\frac{1}{2}$ to G1	(C3002), for G $\frac{1}{2}$	BW50-01S
mounting nut			M50x1,5S
mounting bracket		for G $\frac{3}{4}$ to G1 (C3003)	BW00-27S

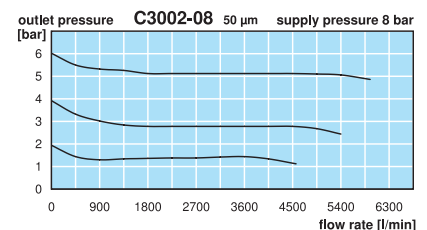
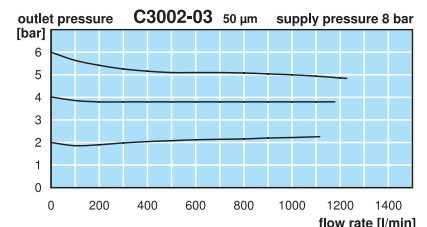


C3002-...H



C3003-...H

*1 at 8 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:
C3002-01