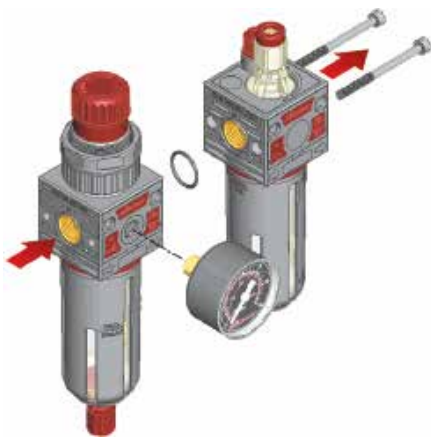


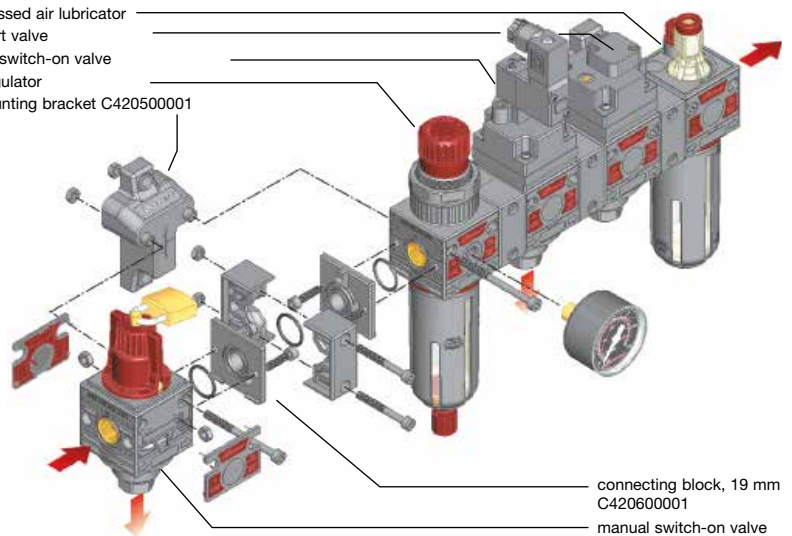
# ASSEMBLY DIAGRAMS FOR PLASTIC FRL SERVICE UNITS C2/C3



screw connection of standard FRL service unit with screws, nuts and o-ring  
C400500001

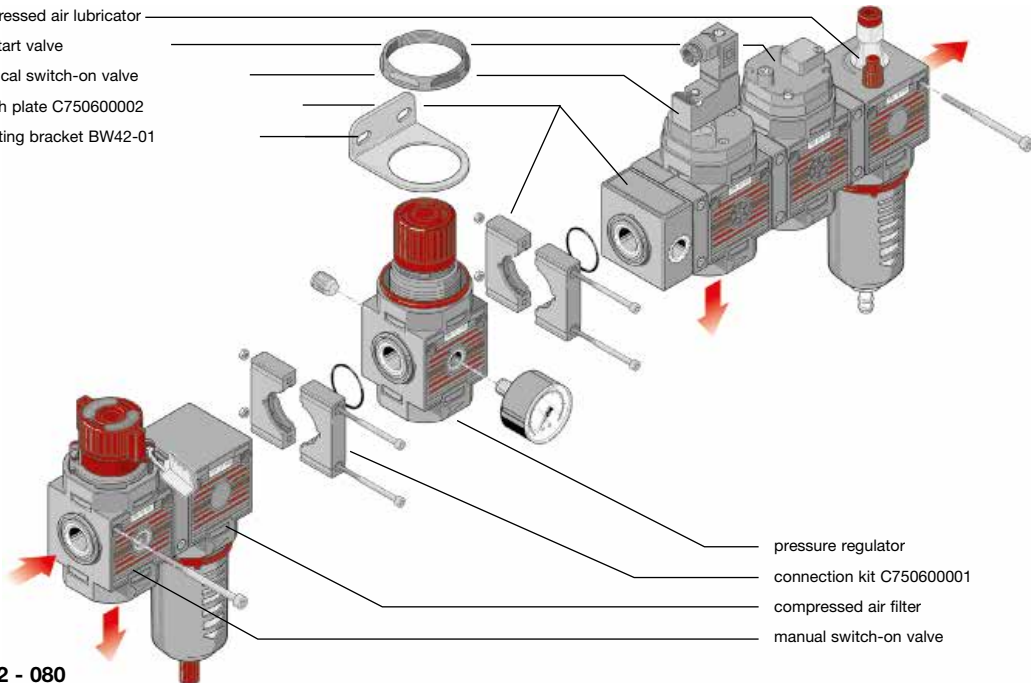
## Series 042

compressed air lubricator  
soft start valve  
electric switch-on valve  
filter regulator  
"T" mounting bracket C420500001



connecting block, 19 mm  
C420600001  
manual switch-on valve

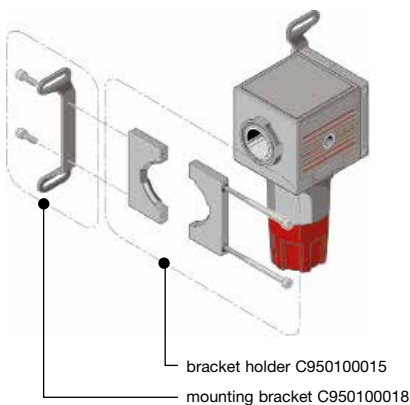
compressed air lubricator  
soft start valve  
electrical switch-on valve  
branch plate C750600002  
mounting bracket BW42-01



pressure regulator  
connection kit C750600001  
compressed air filter  
manual switch-on valve

## Series 075

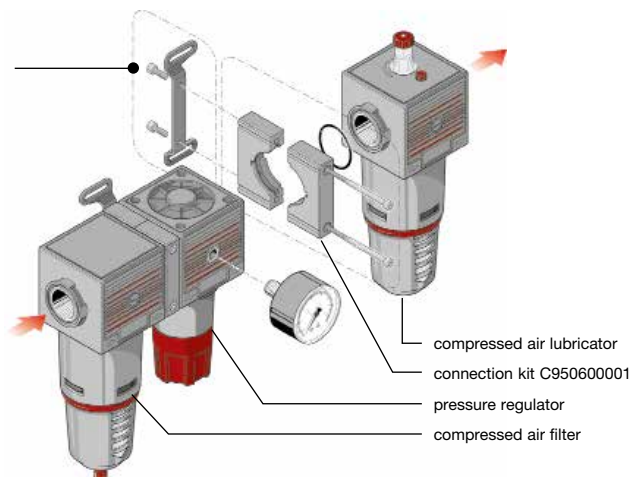
similar to  
Series 050 - 052 - 080



bracket holder C950100015  
mounting bracket C950100018

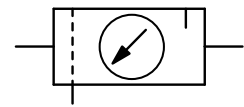
## Series 095

mounting bracket  
C950100018



compressed air lubricator  
connection kit C950600001  
pressure regulator  
compressed air filter

<b>Description</b>	Made up of modular components which can be combined to form compact units. Switch-on and soft start valves available as additional modules.		
<b>Media</b>	compressed air or non-corrosive gases		
<b>Supply pressure</b>	max. 12.5 bar, max. 7 bar at lubricator with oil level indicator, max. 16 bar for Series 042		
<b>Gauge port</b>	G $\frac{1}{8}$ or G $\frac{1}{4}$ at series 095, on both sides of the body, one screw plug supplied		
<b>Filter element</b>	20 $\mu$ m, optionally 5 $\mu$ m, made of sintered polyethylene		
<b>Bowl</b>	plastic version with bayonet catch, series 042 with connection thread		
<b>Drain</b>	manual drain with semiautomatic drain, optionally automatic drain		
<b>Oil refilling</b>	optionally with semiautomatic oil refilling without need to interrupt operation		
<b>Oil level indicator</b>	If the oil level falls below the limit value, a float will close a signal contact.		
	Contact: NO	Voltage: max. 115 V	
<b>Temperature range</b>	0 °C to 50 °C / 32 °F to 122 °F		
<b>Material</b>	Body: nylon, POM at series 042	Inner valve: brass	
	Bowl: polyamide	Thread insert: brass	
	Elastomer: NBR/Buna-N		

G $\frac{1}{4}$  up to G1

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

**FRL unit, 2-part**P<sub>1</sub>: max. 12.5 / 16 bar, P<sub>2</sub>: 0...8 bar, 20  $\mu$ m, semiautomatic drain, with pressure gauge**C2**

84	208	126	-	B+L042	plastic/	59	980	G $\frac{1}{4}$	<b>C242-02HC</b>
115	239	148	126	B+L050	bowl guard	84	1400	G $\frac{3}{8}$	<b>C250-03HC</b>
115	239	148	126	B+L052		90	1500	G $\frac{1}{2}$	<b>C252-04HC</b>
139	276	173	151	B+L075		132	2200	G $\frac{1}{2}$	<b>C275-04HC</b>
212	276	173	-	B+L080		138	2300	G $\frac{3}{4}$	<b>C280-06HC</b>
210	415	237	230	B+L095		480	8000	G1	<b>C295-08HC</b>

**FRL unit, 3-part**P<sub>1</sub>: max. 12.5 / 16 bar, P<sub>2</sub>: 0...8 bar, 20  $\mu$ m, semiautomatic drain, with pressure gauge**C3**

126	208	126	-	F+R+L042	plastic/	59	980	G $\frac{1}{4}$	<b>C342-02HC</b>
178	239	148	189	F+R+L050	bowl guard	84	1100	G $\frac{3}{8}$	<b>C350-03HC</b>
178	239	148	189	F+R+L052		90	1500	G $\frac{1}{2}$	<b>C352-04HC</b>
215	276	173	227	F+R+L075		132	2200	G $\frac{1}{2}$	<b>C375-04HC</b>
288	276	173	-	F+R+L080		138	2300	G $\frac{3}{4}$	<b>C380-06HC</b>
325	411	237	345	F+R+L095		480	8000	G1	<b>C395-08HC</b>

**Special options, add the appropriate letter**5  $\mu$ m filter element

C...-0.G.

0...12 bar regulating range

C...-0...D

automatic drain

C400200130

C...-0...R

semiautomatic oil refilling

P<sub>min.</sub> 3 bar

for C.42 to C.80

C...-0...X65

oil level indicator

P<sub>max.</sub> 7 bar

max. 115 V / NO

for C.50 to C.95

C...-0...X66

**Accessories, enclosed**

mounting bracket

made of steel, mounting nut at the device

for C.42

BW30-01

for C.50 to C.80

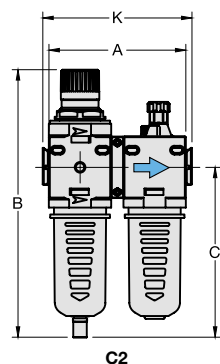
BW42-01

set of brackets

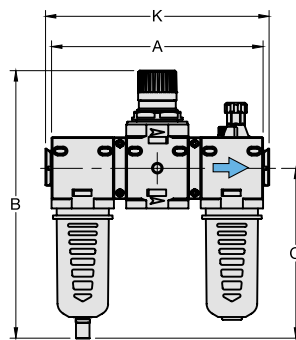
made of steel, mounting nut at the device

for C.95

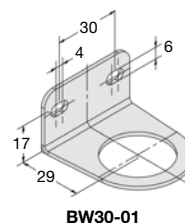
BW00-02



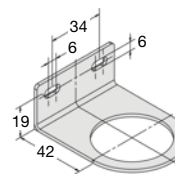
C2



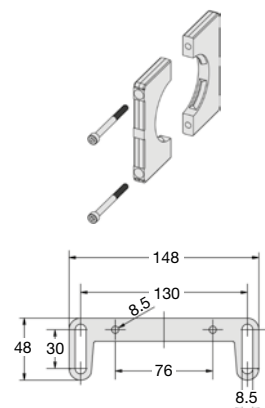
C3



BW30-01



BW42-01



BW00-02

\*1 at 10 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop  
 \*2 04 = 0...4 bar, 10 = 0...10 bar, 16 = 0...16 bar

Further details: see chapter for single devices

PDF CAD  
 www.aircom.net

\* Product group



Order example:  
 C242-02HC

FRL units



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