

SMC's AC-B series consists of modular air filter sets, pressure regulators and lubricators that allow you to optimise the air quality and operating pressure of your system.

Features

- Double-walled construction: container protection made of transparent polycarbonate. Visible 360° all around, lighter weight and corrosion protected.
- Interchangeable with existing AC series by assembling individual components.
- Element construction integrated into the container, element and cup form a whole. Built-in pressure gauge and switch of your choice:
 - Square, built-in pressure gauge
 - Attached, round pressure gauge
 - Digital pressure regulator
- Material of the container of your choice:
 - Polycarbonate – standard model
 - Metal model – with and without level indicator
 - Nylon

Advantages

- Transparent container: clearly visible liquid level
- Quick filter change and easy filling with oil
- Cup with bayonet closure: easy operation, quick and easy maintenance
- Nylon container: resistant to chemicals and other substances
- Metal container: robust, shockproof and resistant to chemicals
- Built-in pressure gauge: solid construction without protruding parts

Applications

All equipment for air treatment in all sectors with pneumatic applications. Important industrial sectors:

- Vehicle construction
- Workshops
- Mechanical Engineering

Optional

- ▶ Further connection combinations
- ▶ Automatic drain (type + DE instead of E). For proper functioning, the drain line should have a diameter of at least 8 mm and be no longer than 5 m.
- ▶ Filter fineness 2, 10, 20, 40, 70, 100 µm
- ▶ Metal or nylon containers

In the case of the most severe, mechanical and/or chemical stress, it is recommended to use metal containers, which offer a very high level of protection (a.A.).

Polycarbonate containers can be attacked by certain acids.



AC-B – Combination of filter AF, regulator AR, lubricator AL and pressure gauge

Type	Connection Inch	Flow rate l/min	Filter µm	Oper. pressure MPa	Container	Container protection with bayonet lock ¹⁾
AC20-F02E-B	1/4	300	5	0.05 - 0.85	Polycarbonat	o
AC30-F03E-B	3/8	1500	5	0.05 - 0.85	Polycarbonat	s
AC40-F03E-B	3/8	1800	5	0.05 - 0.85	Polycarbonat	s
AC40-F04E-B	1/2	2200	5	0.05 - 0.85	Polycarbonat	s
AC40-F06E-B	3/4	2500	5	0.05 - 0.85	Polycarbonat	s
AC50-F06E-B	3/4	3000	5	0.05 - 0.85	Polycarbonat	s
AC50-F10E-B	1	3500	5	0.05 - 0.85	Polycarbonat	s
AC60-F10E-B	1	4000	5	0.05 - 0.85	Polycarbonat	s

¹⁾ o = option; s = standard / max. test pressure: 1.2 MPa / max. inlet pressure: 1.0 MPa / temperature range: -5°C to 60°C

C-series – combination of filter/regulator AW, lubricator AL and pressure gauge

Typ	Anschluss Zoll	Flow rate l/min	Filter µm	Oper. pressure MPa	Container	Container protection with bayonet lock ¹⁾
AC20A-F02E-B	1/4	300	5	0.05 - 0.85	Polycarbonat	o
AC30A-F03E-B	3/8	1500	5	0.05 - 0.85	Polycarbonat	s
AC40A-F04E-B	1/2	2000	5	0.05 - 0.85	Polycarbonat	s
AC50A-F06E-B	3/4	3000	5	0.05 - 0.85	Polycarbonat	s

¹⁾ o = option; s = standard / max. test pressure: 1.2 MPa / max. inlet pressure: 1.0 MPa / temperature range: -5°C to 60°C



Further information available 24 / 7 on our website.