

Precision Restrictor R-0

Description Precision sapphire restrictor for reducing the flow of compressed air or non-corrosive gases

Medium compressed air or non-corrosive gases

Filter element 5 µm for DN0.08 up to DN0.23, from DN0.25 on 100 µm

Operating pressure vacuum up to max. 7 bar

Material Body: polycarbonate, FDA-approved Restrictor: sapphire Filter element: stainless steel fabric

Temperature range 5 °C to 50 °C / 41 °F to 122 °F

Ø-Tolerance ± 0.005 mm respectively ± 3% of volume flow

Restrictor with Filter F950

Description Disposable in-line-filter with Dutch weave screen of 304 stainless steel. Flow direction and filter size in µm are clearly marked. The colour indicates the nominal size.

Diameter tolerance -3% to +10% of nominal diameter

Filter element 5 µm at DN 0.10 to DN 0.15, 43 µm at DN 0.18 to DN 0.41, 73 µm at DN 0.51 to DN 0.76

Operating pressure max. 7 bar

Material Body: polysulphone Restrictor: sapphire Filter element: stainless steel fabric

Temperature range 5 °C to 50 °C / 41 °F to 122 °F

R-0 **F950**

0.08 up to 1.02 mm **0.1 up to 0.76 mm**
5 / 43 / 73 µm

Dimensions	Connection	Nominal size	Order	Nominal size	Order
A	inlet / outlet	colour / DN	number	colour / DN	number
mm		Ø mm		Ø mm	

Restrictor, barbed fittings Ø 2.7 operating pressure max 7 bar **R-0...-6**

30 fittings Ø 2.7	gold	0.08	R-003-6	orange	0.36	R-014-6
	purple	0.10	R-004-6	grey	0.41	R-016-6
	white	0.13	R-005-6	brown	0.43	R-017-6
	yellow	0.18	R-007-6	red	0.48	R-019-6
	light green	0.20	R-008-6	dark blue	0.51	R-020-6
	lavender	0.23	R-009-6	black	0.64	R-025-6
	light blue	0.25	R-010-6	beige	0.76	R-030-6
	green	0.30	R-012-6	dark grey	0.89	R-035-6
				cyan	1.02	R-040-6

R-0...-1 with nipple **R-0...-6**

Restrictor, barbed fittings Ø 4,7 operating pressure max 7 bar **R-0...-1**

34 fittings Ø 4.7	gold	0.08	R-003-1	orange	0.36	R-014-1
	purple	0.10	R-004-1	grey	0.41	R-016-1
	white	0.13	R-005-1	brown	0.43	R-017-1
	yellow	0.18	R-007-1	red	0.48	R-019-1
	light green	0.20	R-008-1	dark blue	0.51	R-020-1
	lavender	0.23	R-009-1	black	0.64	R-025-1
	light blue	0.25	R-010-1	beige	0.76	R-030-1
	green	0.30	R-012-1	dark grey	0.89	R-035-1
				cyan	1.02	R-040-1

R-0...-0 with plain fittings

Restrictor with filter operating pressure max. 7 bar nipple Ø 2.7 mm, 5/43/73 µm **F950**

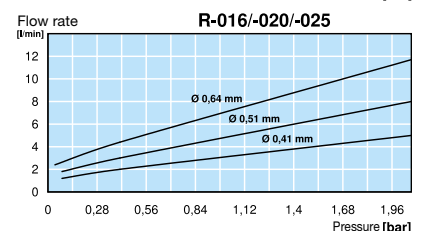
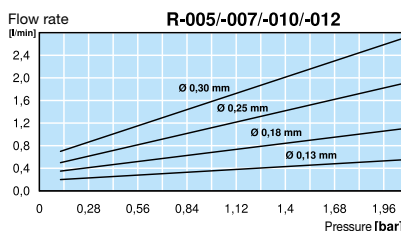
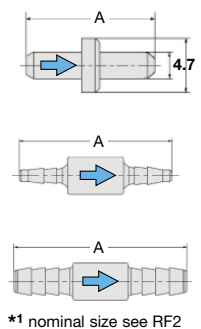
34 fittings Ø 2.7	purple	0.10	5 µm	F950- 5-041-B80
	light green	0.13	5 µm	F950- 5-050-B80
	red	0.15	5 µm	F950- 5-051-B80
	cyan	0.18	43 µm	F950-43-071-B80
	yellow	0.25	43 µm	F950-43-101-B80
	black	0.30	43 µm	F950-43-121-B80
	grey	0.41	43 µm	F950-43-161-B80
	blue	0.51	73 µm	F950-73-201-B80
	brown	0.64	73 µm	F950-73-251-B80
	beige	0.76	73 µm	F950-73-301-B80

F950...B85/ ...B80 with filter

Special options, add the appropriate letter

plain fittings Ø 2.3 A = 9,9 mm for R-0 R-0...-0

nipple Ø 4.7 A = 34 mm for F950 F950-...-...-B85



* Product group

PDF CAD
www.aircom.net

Order example:
R-003-6