

JRG Fine Filter

JRG Valves
Technical Documentation



JRG Fine Filter



Benefits

- Gunmetal filter housing
- Filter cup from high-grade transparent plastic (nominal pressure PN 16) or gunmetal (nominal pressure PN 25)
- Simple removal of the filter cup
- Separate threaded ring
- Filter cup with integrated drain valve
- Drain valve with hose fitting
- Fine filter with PN 16 transparent cups can be mounted upstream of the pressure reducer

In the service of safety

Particulate matter such as limescale, rust, sand, etc. can enter the domestic water distribution network via the building connection pipe due to repairs, renovations, etc. on the public supply network.

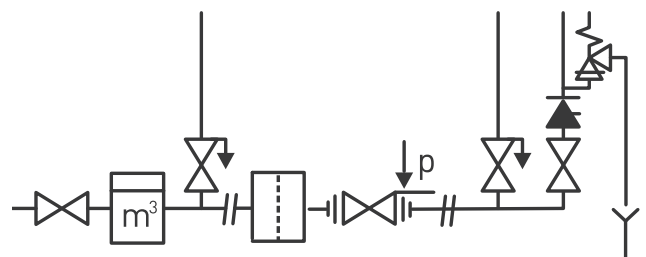
If this particulate matter washes in, the function of installed fittings, such as pressure reducing, safety and check valves, can be compromised and the entire domestic supply network is at risk as well.

Various types of corrosion in the piping system, as well as malfunctions on drain fittings, can be traced back to this source.

Unpleasant incidents like these can be reduced or almost eliminated altogether by installing a JRG fine filter.

The JRG fine filter serves only to filter the water. It is no substitute at all for the desired or required water treatment processes (decalcification, sterilization, etc.).

Installation example



- 1 Hand wheel
- 2 Filter valves
- 3 Pressure gauge connection
- 4 Fine filter (bypass)
- 5 Valve seal
- 6 Filter cup
- 7 O-ring
- 8 Screw collar
- 9 Transparent or gunmetal filter cup
- 10 Filter element
- 11 Insert
- 12 Drain valve
- 13 Cap

Products



JRG Fine filter gunmetal Female thread

- Temperature: max. 30°C
- Material: gunmetal, EPDM, plastic
- Connection: female thread

DN (mm)	GN (inch)	Size (inch)	JRG Code	GF Code	Weight (kg)
25	1	1	1830.400	350 690 001	3.000
32	1 ¼	1 ¼	1830.480	350 690 002	3.150
40	1 ½	1 ½	1830.560	350 690 003	3.200
50	2	2	1830.640	350 690 004	3.450

DN	d1 Rp	d2	d3 G	h1	h3	l	PN	z	μm
(mm)	(inch)	(mm)	(inch)	(mm)	(mm)	(mm)	(bar)	(mm)	
25	1	122	¼	370	430	130	16	48	100
32	1 ¼	122	¼	372	432	150	16	56	100
40	1 ½	122	¼	374	434	150	16	56	100
50	2	122	¼	380	440	160	16	56	100

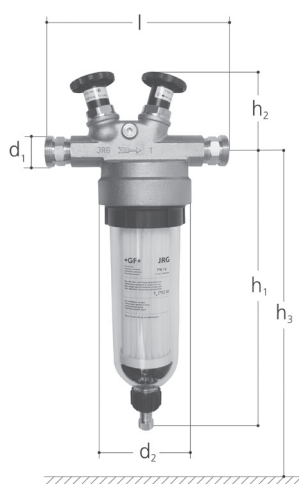


JRG Fine filter gunmetal Female thread

- Temperature: strainers 1838 max. 30°C / 1839 max. 70°C
- Material: gunmetal
- Connection: female thread

DN (mm)	GN (inch)	Size (inch)	JRG Code	GF Code	Weight (kg)
25	1	1	1836.400	350 690 101	5.300
32	1 ¼	1 ¼	1836.480	350 690 102	5.450
40	1 ½	1 ½	1836.560	350 690 103	6.050
50	2	2	1836.640	350 690 104	5.900

DN	d1 Rp	d2	d3 G	h1	h3	l	PN	z	μm
(mm)	(inch)	(mm)	(inch)	(mm)	(mm)	(mm)	(bar)	(mm)	
25	1	122	¼	370	430	130	25	48	100
32	1 ¼	122	¼	372	432	150	25	56	100
40	1 ½	122	¼	374	434	150	25	56	100
50	2	122	¼	380	440	160	25	56	100



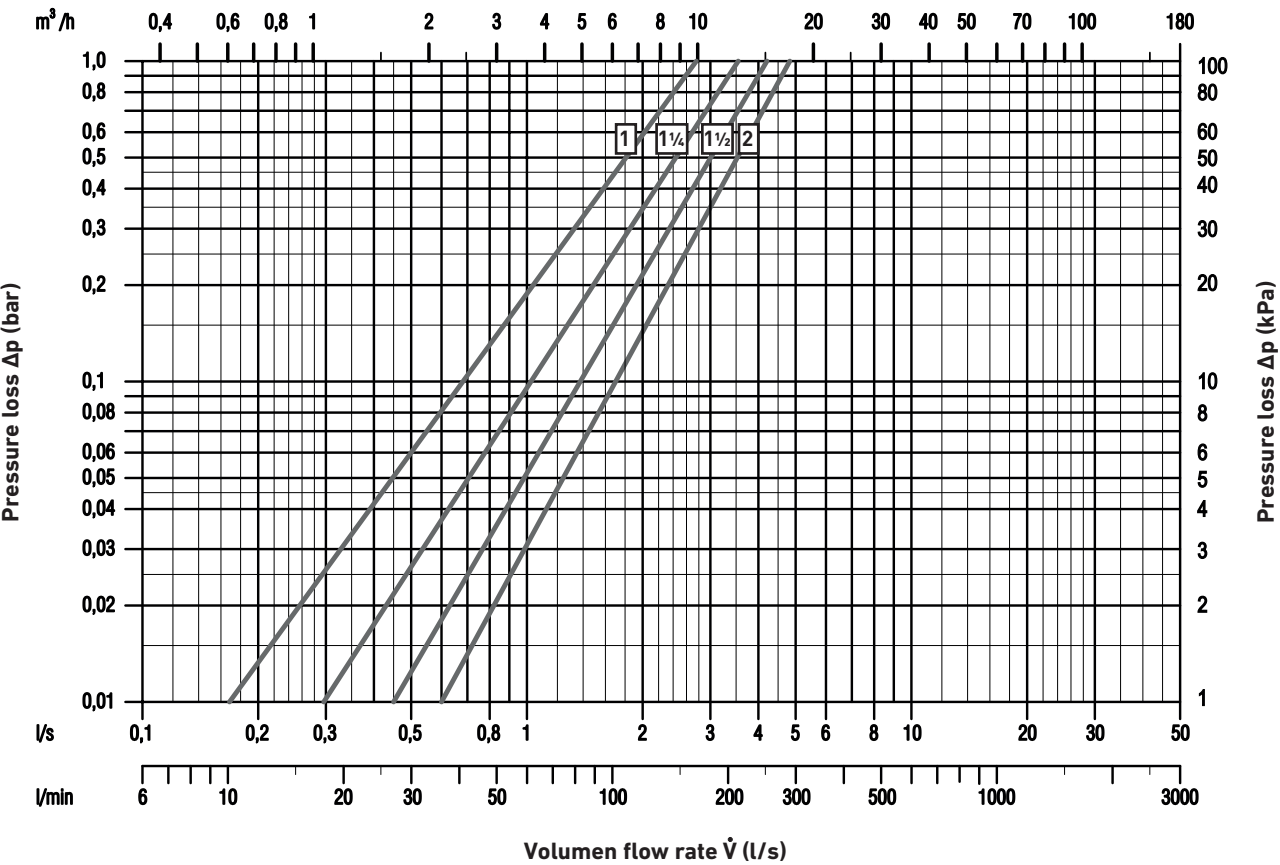
JRG LegioStop fine filter gunmetal Male thread with by-pass

- Temperature: max. 30°C
- Material: gunmetal, stainless steel, EPDM, plastic
- Connection: male thread

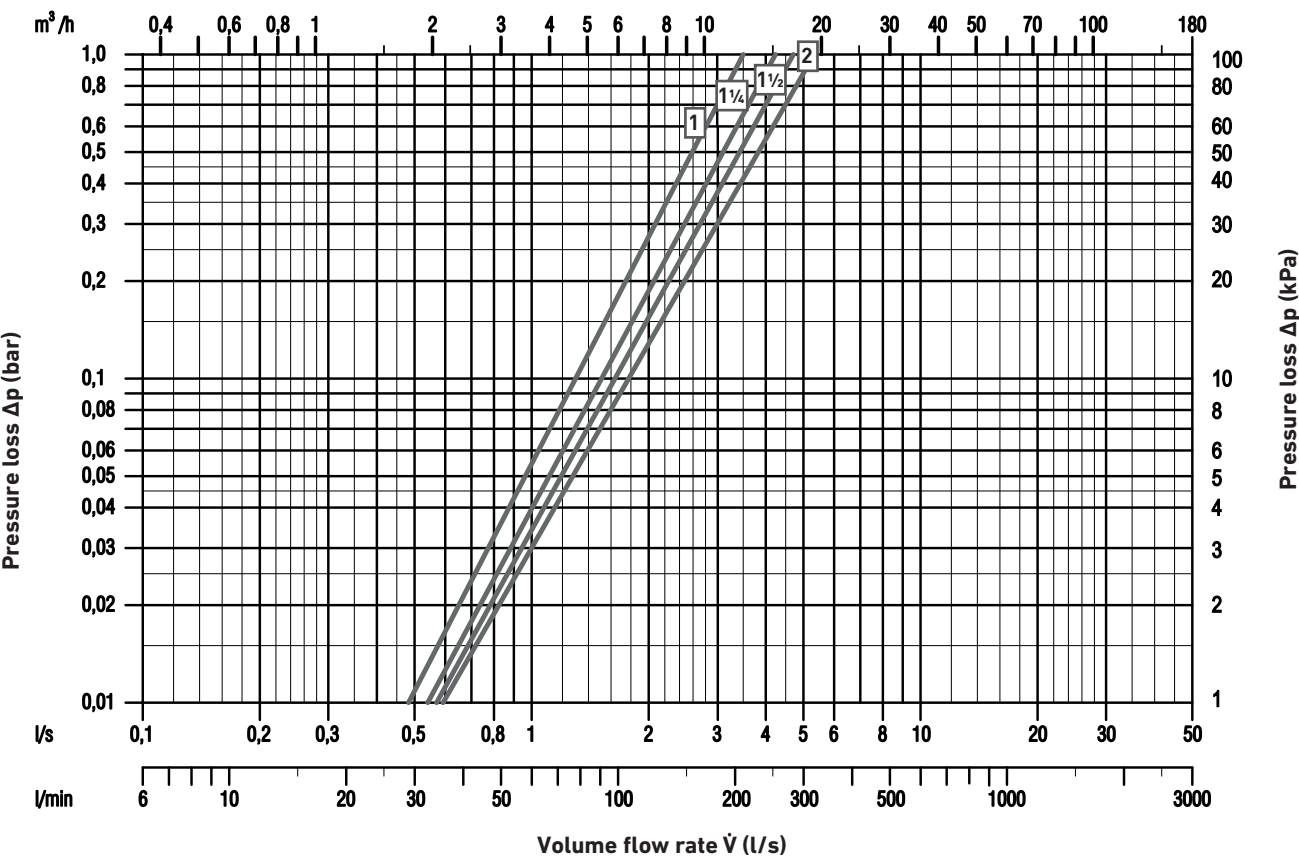
DN (mm)	GN (inch)	Size (inch)	JRG Code	GF Code	Weight (kg)
25	1	1	1840.025	350 690 209	3.750
32	1 ¼	1 ¼	1840.032	350 690 210	4.640

DN (mm)	d1 G (inch)	d2 (mm)	h1 (mm)	h2 (mm)	h3 (mm)	l (mm)	PN (bar)	µm
25	1 ¼	122	367	102	428	228	16	100
32	1 ½	122	373	112	433	242	16	100

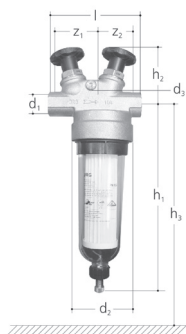
Nomogram JRG Fine Filter 1830, 1836



Nomogram JRG Fine Filter 1840, 1846



Products

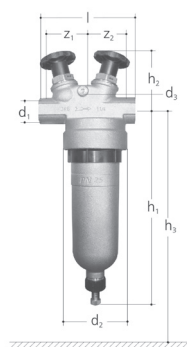


JRG LegioStop fine filter gunmetal Female thread with by-pass

- Temperature: max. 30°C
- Material: gunmetal, stainless steel, EPDM, plastic
- Connection: female thread

DN (mm)	GN (inch)	Size (inch)	JRG Code	GF Code	Weight (kg)
25	1	1	1840.400	350 690 201	3.980
32	1 ¼	1 ¼	1840.480	350 690 202	4.490
40	1 ½	1 ½	1840.560	350 690 203	5.990
50	2	2	1840.640	350 690 204	6.490

DN (mm)	d1 Rp (inch)	d2 (mm)	d3 G (inch)	h1 (mm)	h2 (mm)	h3 (mm)	l (mm)	PN (bar)	z1 (mm)	z2 (mm)	µm
25	1	122	¼	368	102	428	170	16	78	58	100
32	1 ¼	122	¼	373	112	433	180	16	86	56	100
40	1 ½	122	¼	376	122	436	190	16	96	56	100
50	2	122	¼	382	133	442	220	16	111	61	100



JRG LegioStop fine filter gunmetal Female thread with by-pass

- Temperature: strainers 1838 max. 30°C / 1839 max. 70°C
- Material: gunmetal, stainless steel, EPDM, plastic
- Connection: female thread

DN (mm)	GN (inch)	Size (inch)	JRG Code	GF Code	Weight (kg)
25	1	1	1846.400	350 690 301	6.350
32	1 ¼	1 ¼	1846.480	350 690 302	7.100
40	1 ½	1 ½	1846.560	350 690 303	8.420
50	2	2	1846.640	350 690 304	9.220

DN (mm)	d1 Rp (inch)	d2 (mm)	d3 G (inch)	h1 (mm)	h2 (mm)	h3 (mm)	l (mm)	PN (bar)	z1 (mm)	z2 (mm)	µm
25	1	122	¼	368	102	428	170	25	78	58	100
32	1 ¼	122	¼	373	112	433	180	25	86	56	100
40	1 ½	122	¼	376	122	436	190	25	96	56	100
50	2	122	¼	382	133	442	220	25	111	61	100

Products



JRG Slanted filter grey cast iron Plastic coated flange

- Description: dismantling distance fine filter 2 x h1
- Temperature: max. 90°C
- Material: grey cast iron, plastic coated, rust-free steel
- Connection: flange

DN (mm)	d (mm)	JRG Code	GF Code	Weight (kg)	d1 (mm)	d2 (mm)	h1 (mm)	l (mm)	PN (bar)	○	μm
65	65	1850.065	355 635 564	15.000	65	185	179	290	16	4	500
80	80	1850.080	355 635 565	22.000	80	200	203	310	16	8	500
100	100	1850.100	355 635 566	30.000	100	220	220	350	16	8	500

Spare Parts



JRG Filter element PES Fleece

- Description: to 1350-1363, 1830-1846
- Temperature: max. 30°C
- Material: PES fleece
- * as long as stock last

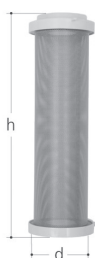
d (mm)	JRG Code	GF Code	Weight (kg)	h (mm)	μm
70	1838.020	350 590 102	0.150	250	20
70	1838.050	350 590 202	0.150	250	50
*	1838.150	350 590 302	0.150	250	150



JRG Filter element standard monofilament

- Description: to 1350-1363, 1830-1846
- Temperature: max. 30°C
- Material: monofilament

d (mm)	JRG Code	GF Code	Weight (kg)	h (mm)	μm
70	1838.100	350 588 702	0.150	250	100



JRG Filter element stainless steel

- Description: to 1350-1363, 1830-1846
- Temperature: max. 70°C
- Material: stainless steel

d (mm)	JRG Code	GF Code	Weight (kg)	h (mm)	μm
70	1839.001	350 590 502	0.120	250	1000
70	1839.050	350 588 202	0.435	250	50
70	1839.100	350 590 514	0.250	250	100

Spare Parts



JRG Filter cup plastic

- Description: to 1350, 1353, 1830, 1840
- Material: plastic, EPDM

JRG Code	GF Code	Weight (kg)	PN (bar)
1848.000	350 584 101	0.840	16



JRG Filter cup gunmetal

- Description: to 1360, 1363, 1836, 1846
- Material: gunmetal, EPDM, plastic

JRG Code	GF Code	Weight (kg)	PN (bar)
1849.000	355 618 202	3.700	25

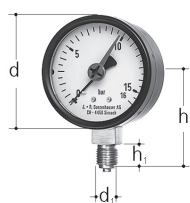


JRG Fine filter key plastic

- Description: to 1830, 1849
- Material: plastic

d (mm)	JRG Code	GF Code	Weight (kg)	h (mm)
113	8127.000	355 591 401	0.080	190

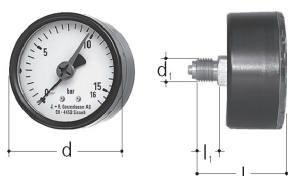
Accessories



Manometer

- Consisting of: indicator

GN (inch)	DN (mm)	JRG Code	GF Code	Weight (kg)	d (mm)	d1 R (inch)	h (mm)	h1 (mm)	PN (bar)
1/4	8	8108.080	350 794 801	0.143	63	1/4	50	12	0 - 15



Manometer

- Consisting of: indicator

GN (inch)	DN (mm)	JRG Code	GF Code	Weight (kg)	d (mm)	d1 R (inch)	l (mm)	l1 (mm)	PN (bar)
1/4	8	8109.080	350 581 101	0.095	63	1/4	48	12	0 - 15

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