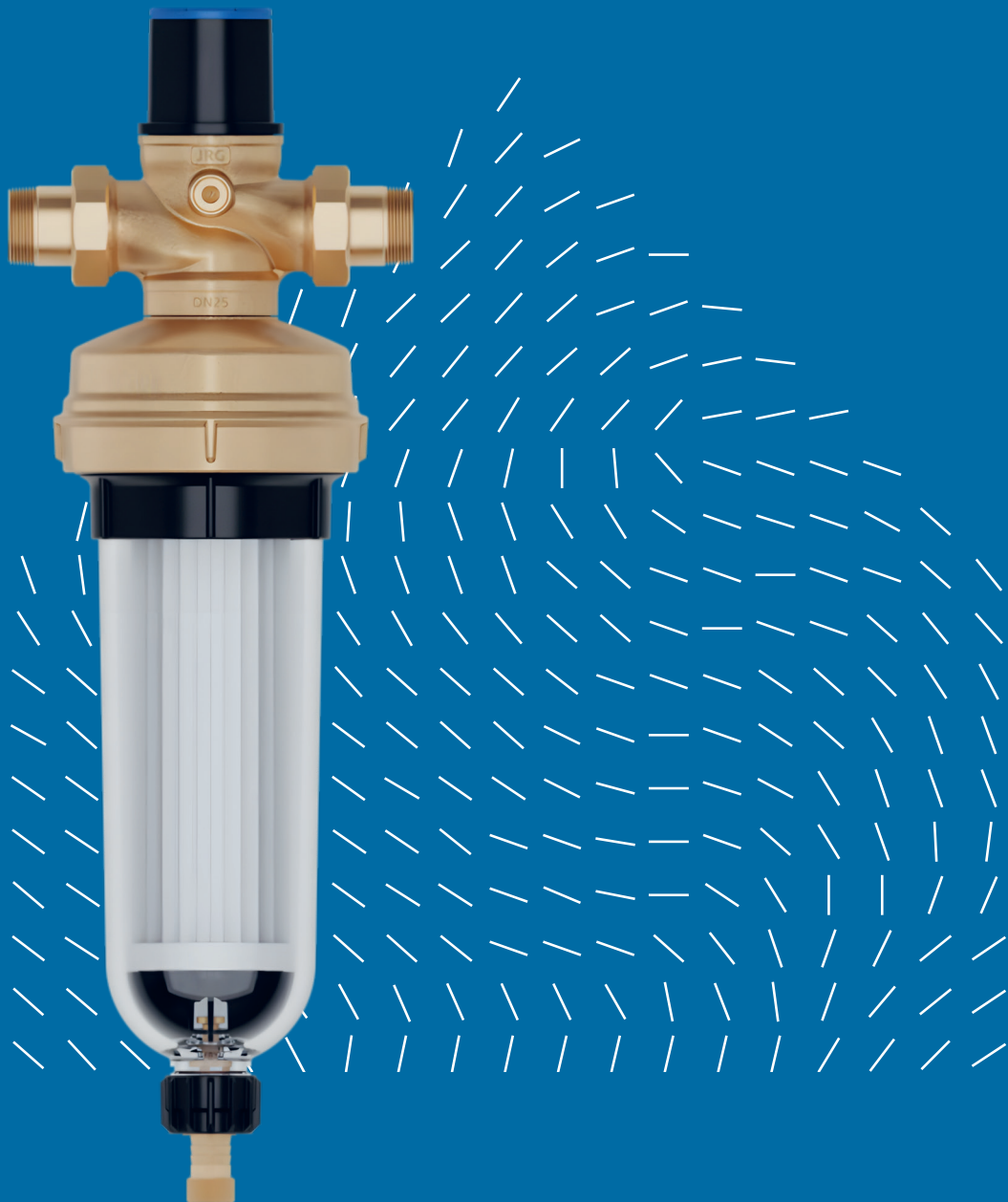


JRGURED Combi

JRG Valves
Technical Documentation



The compact combination

The JRGURED Combi domestic water station is a multiple fitting consisting of a fine filter and a pressure-reducing valve.

Constant pressure thanks to precision

The JRGURED pressure reducing valve has an essential function: it ensures that the pressure in a downstream pipe system remains at a constant low level. By reducing the upstream pressure to a predefined, lower downstream pressure, the valve works with exceptional precision and keeps the pressure constant even with large pressure fluctuations. The flow-optimized design of our JRGURED also ensures excellent control performance even with low tap volumes. At the same time, disruptive flow noises are significantly reduced.

Protection of the drinking water installation

Repair and renovation work on the public supply network can allow particles such as limescale, rust and sand to enter the domestic drinking water network via the building connection pipe. These impurities pose a risk to the functionality of the installed fittings. Our fine filter retains suspended particles larger than 100µm. This provides the best possible protection for the downstream domestic water installation.

Installation requirements

When installing the JRGURED Combi domestic water station, the applicable local regulations / standards must be observed.

Maintenance

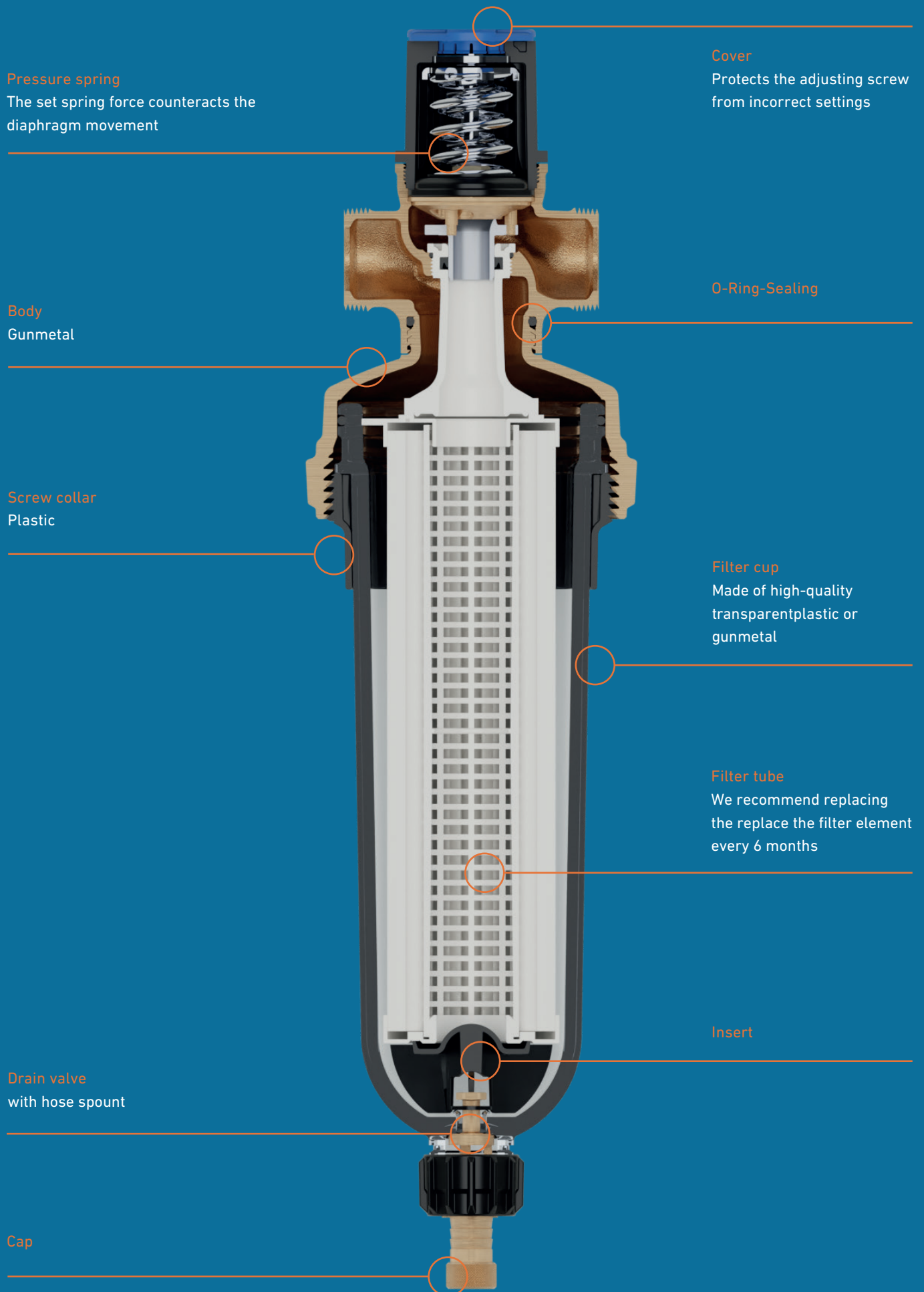
Any person who alters the factory-set pressure does so entirely on their own responsibility (see installation instructions). Repairs on the JRGURED Combi domestic water station must not be attempted. For maintenance of the fine filter, the maintenance instructions must be observed.

Notes

The inserted fine filter in the JRGURED Combi is only for retaining ingested suspended particles. It does in no way replace any desired or necessary water treatment (softening, sterilisation, etc.).

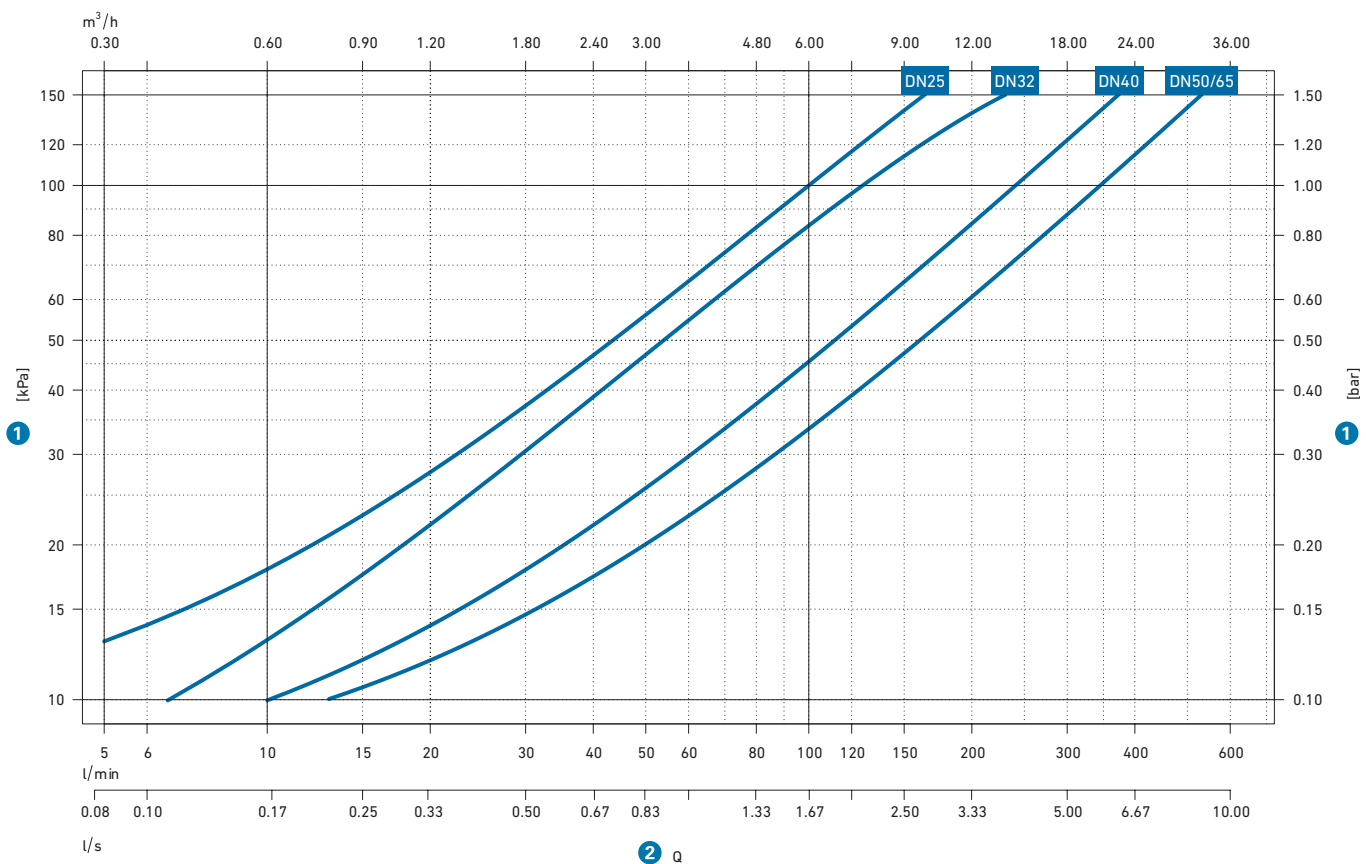
Key facts at a glance:

- + **Two pressure ranges available:**
 - PN 16** Filter cup made of transparent high quality plastic
 - PN 25** Filter cup made of gunmetal
- + **All water carrying parts made of gunmetal, stainless steel or plastic**
- + **Filter cup easy dismantled**
- + **Separate screw collar, filter cup with integrated drain valve**
- + **Low valve top height, same size as JRGURED 1130**



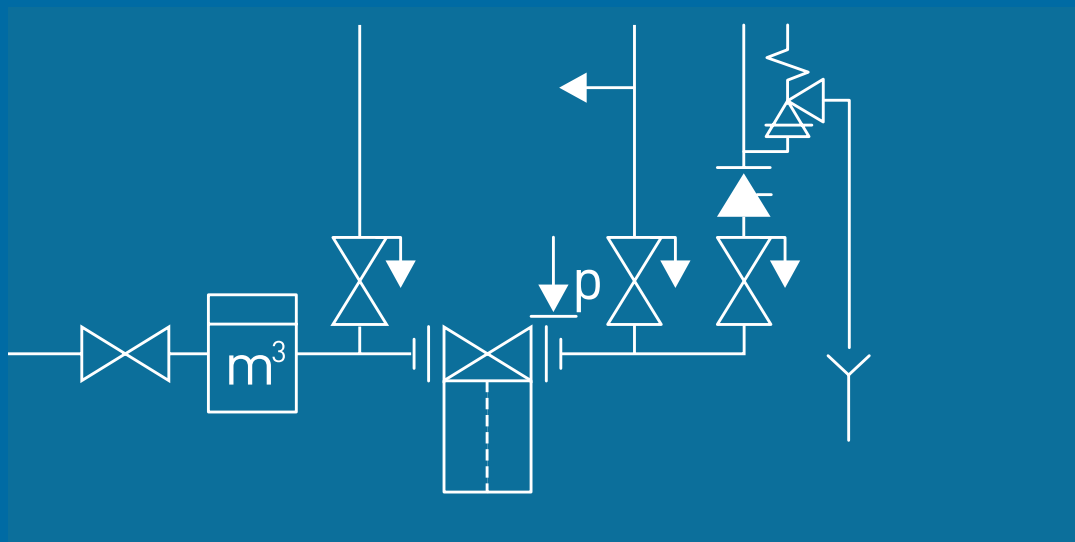
Nomogram JRGURED Combi

Pressure setting 800 / 400 kPa (8/4bar)

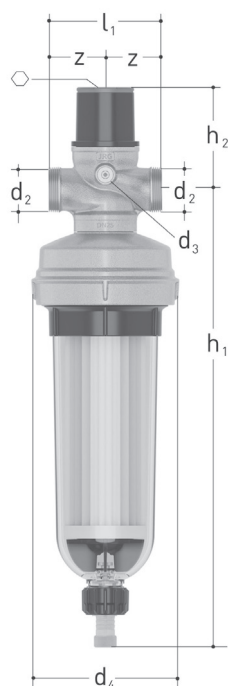


- ① Pressure loss
- ② Volume flow

Installation examples JRGURED Combi



Product range



JRGURED Combi house water station gunmetal - new

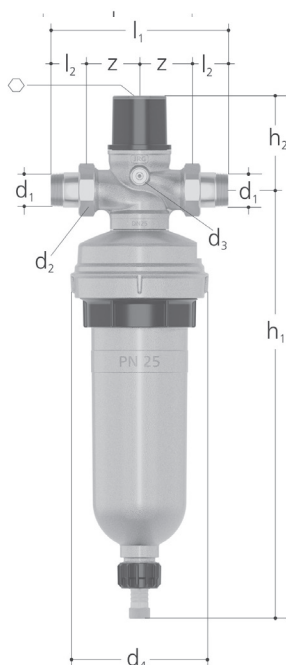
- Temperature: max. 30°C
- Material: gunmetal, stainless steel, EPDM, plastic
- Factory setting: 400 kPa (4 bar)
- Secondary pressure: 200 - 600 kPa (2 - 6 bar)
- Connection: male thread
- Consisting of: pressure reducing valve, fine filter
- Filter cup: plastic

*Available from Q2 2024

**Available from Q3 2024

	DN (mm)	GN (inch)	Size (inch)	JRG Code	GF Code	Weight (kg)
*	25	1	1	.1353.025	350 692 101	2.930
*	32	1 ¼	1 ¼	.1353.032	350 692 121	3.650
**	40	1 ½	1 ½	.1353.040	350 692 141	4.930
**	50	2	2	.1353.050	350 692 161	6.465

	DN (mm)	GN (inch)	d2 G (inch)	d3 Rp (inch)	d4 (mm)	h1 (mm)	h2 (mm)	l1 (mm)	z (mm)	⬡ (mm)	PN (bar)
*	25	1	1 ¼	¼	130	404	90	100	50	5	16
*	32	1 ¼	1 ½	¼	130	403	109	120	60	6	16
**	40	1 ½	1 ¾	¼	130	403	122	145	73	6	16
**	50	2	2 ¾	¼	130	414	151	175	88	8	16



JRGURED Combi house water station gunmetal - new

- Temperature: max. 30°C
- Material: gunmetal, stainless steel, EPDM, plastic
- Factory setting: 400 kPa (4 bar)
- Secondary pressure: 200 - 600 kPa (2 - 6 bar)
- Connection: male thread
- Consisting of: pressure reducing valve, fine filter, unions
- Filter cup: gunmetal

*Available from Q2 2024

**Available from Q3 2024

	DN (mm)	GN (inch)	Size (inch)	JRG Code	GF Code	Weight (kg)
*	25	1	1	.1360.400	350 692 201	6.200
*	32	1 ¼	1 ¼	.1360.480	350 692 221	7.110
**	40	1 ½	1 ½	.1360.560	350 692 241	8.500
**	50	2	2	.1360.640	350 692 261	11.000

	DN (mm)	GN (inch)	d1 R (inch)	d2 G (inch)	d3 Rp (inch)	d4 (mm)	h1 (mm)	h2 (mm)	l1 (mm)	l2 (mm)	z (mm)	⬡ (mm)	PN (bar)
*	25	1	1	1 ¼	¼	130	404	90	167	34	50	5	25
*	32	1 ¼	1 ¼	1 ½	¼	130	403	109	196	38	60	6	25
**	40	1 ½	1 ½	1 ¾	¼	130	403	122	222	39	73	6	25
**	50	2	2	2 ¾	¼	130	414	151	268	47	88	8	25

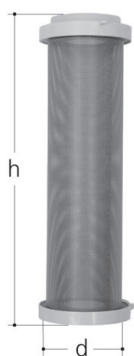
Spare parts / Accessories



JRG Filter element PES Fleece

- Description: to 1350-1360, 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
* 70	1838.150	350 590 302	0.150	250	150



JRG Filter element stainless steel

- Description: to 1350-1360, 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



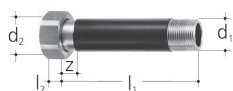
JRG Fine filter key plastic

- Description: to 1350-1360, 1830-1846
- Material: plastic

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

Unions

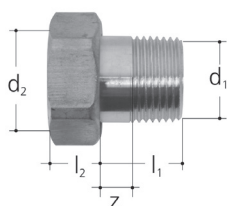
JRG Screw connection brass



- Description: to 1130, long version can be cutted to length
- Material: brass
- Connection: male thread
- Supplied with: flat gasket AFM34

GN (inch)	DN (mm)	JRG Code	GF Code	Weight (kg)	d1 R (inch)	d2 G (inch)	l1 (mm)	l2 (mm)	Z (mm)
1	25	8299.400	355 583 801	0.440	1	1 ¼	138	8	18
1 ¼	32	8299.480	355 584 001	0.760	1 ¼	1 ½	165	9	19
1 ½	40	8299.560	355 584 201	1.060	1 ½	1 ¾	175	10	21
2	50	8299.640	355 584 401	1.160	2	2 ¾	122	11	25

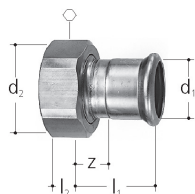
JRG Union brass



- Description: to 1300-1333, 1350-1363, 2100-2110, 2113, 2130-2140, 2143, 8201.402, 9601.040, 9603.040, 9606.040, 9695.480
- Material: brass
- Connection: male thread
- Supplied with: flat gasket AFM34

GN (inch)	DN (mm)	JRG Code	GF Code	Weight (kg)	d1 R (inch)	d2 G (inch)	l1 (mm)	l2 (mm)	z (mm)
1	25	8201.400	350 331 901	0.180	1	1 ¼	34	8	15
1 ¼	32	8201.480	350 332 001	0.290	1 ¼	1 ½	38	9	18
1 ½	40	8201.560	350 332 101	0.360	1 ½	1 ¾	39	10	18
2	50	8201.640	350 332 201	0.620	2	2 ¾	47	11	21

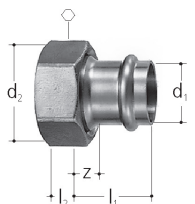
Mapress Union



- Description: to 1303, 1313, 1323, 1333, 1353, 1363, 1611, 1621, 2100-2140, 2161, 5010, 5011, 5080, 5081, 5211, 5281, 6320, 9910, 9920
- Connection: Mapress
- Consisting of: loose nut, press-socket, flat sealed
- Supplied with: flat gasket AFM34

d1 (mm)	DN (mm)	JRG Code	GF Code	Weight (kg)	d2 G (inch)	l1 (mm)	l2 (mm)	z (mm)	⬡
28	25	8350.028	355 600 203	0.170	1 ¼	36	9	13	46
35	32	8350.035	355 600 204	0.214	1 ½	39	10	14	50
42	40	8350.042	355 600 205	0.240	1 ¾	43	10	14	58
54	50	8350.054	355 600 206	0.430	2 ¾	49	10	14	75

Optipress Union



- Description: to 1303, 1313, 1323, 1333, 1353, 1363, 1611, 1621, 2100-2140, 2161, 5010, 5011, 5080, 5081, 5211, 5281, 6320, 9910, 9920
- Connection: Optipress / Sanpress
- Consisting of: loose nut, press-socket, flat sealed
- Supplied with: flat gasket AFM34

d1 (mm)	DN (mm)	JRG Code	GF Code	Weight (kg)	d2 G (inch)	l1 (mm)	l2 (mm)	z (mm)	⬡
28	25	8355.028	355 600 604	0.170	1 ¼	42	11	18	46
35	32	8355.035	355 600 605	0.210	1 ½	44	13	18	53
42	40	8355.042	355 600 606	0.360	1 ¾	61	13	20	60
54	50	8355.054	355 600 607	0.540	2 ¾	61	16	15	78

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