

**JRG Valves**

# **JRG Concealed Shut-off/ Counter Unit Compact**

**Technical Documentation**



# The new JRG Concealed Shut-off/Counter Unit Compact and JRG Connection Kit

## + Properties

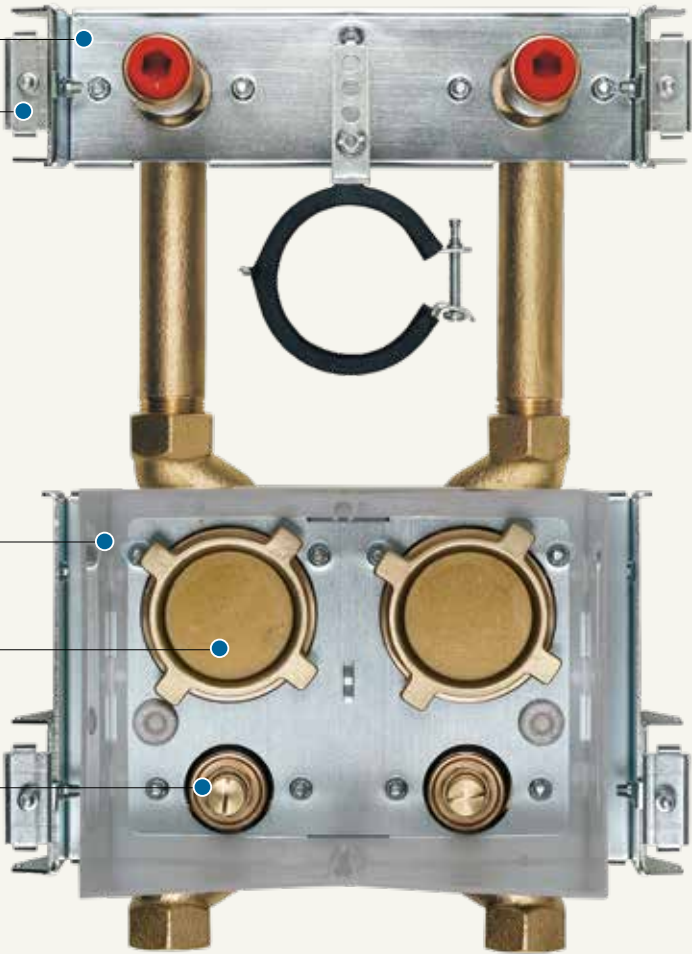
JRG connection kit  
 $\frac{3}{4}$ "- $\frac{1}{2}$ "- $\frac{3}{4}$ "

Adapter for GIS connection\*

JRG concealed shut-off/counter unit compact  $\frac{3}{4}$ "

KOAX water counter connection kit

Straight-seat shut-off valve



\*Adapter for connections



Adapter for GIS connection

Adapter for Duofix connection

Adapter for wall connection

The JRG concealed shut-off/counter unit compact for drinking water installations consists of a straight-seat shut-off valve and KOAX water counter connection part – for cold and hot water.

With the optional connection kit, it is possible to mount a wash basin connection, including mounting brackets for the sewer, directly above the JRG concealed shut-off/counter unit compact.

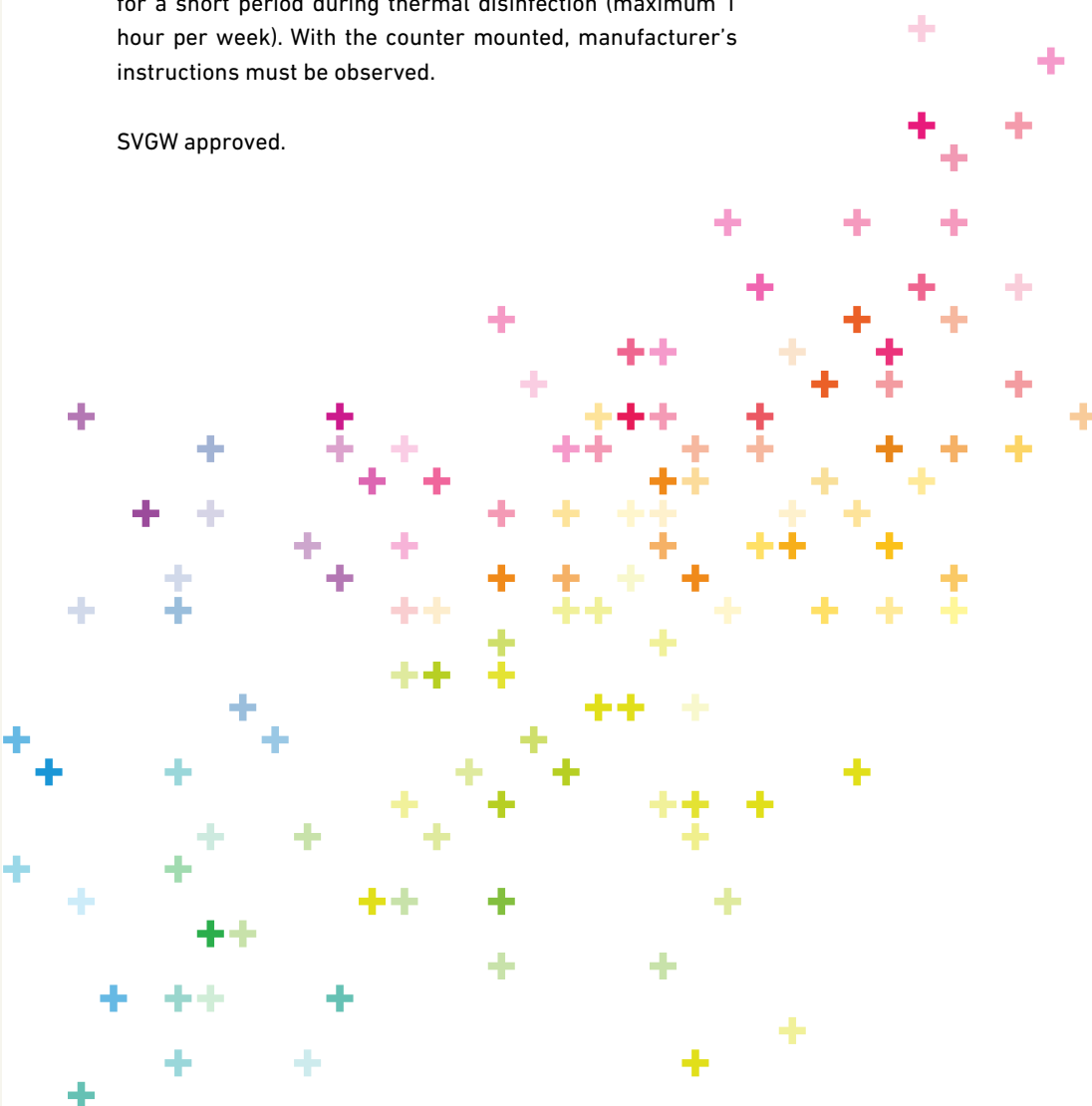
Using adapters for GIS, Duofix and wall mounting, all common installation variants can be carried out.

The JRG concealed shut-off/counter unit compact is suitable for a nominal pressure of 1'000 kPa (10 bar) and for temperatures up to 65°C for continuous operation and up to 90°C for a short period during thermal disinfection (maximum 1 hour per week). With the counter mounted, manufacturer's instructions must be observed.

SVGW approved.

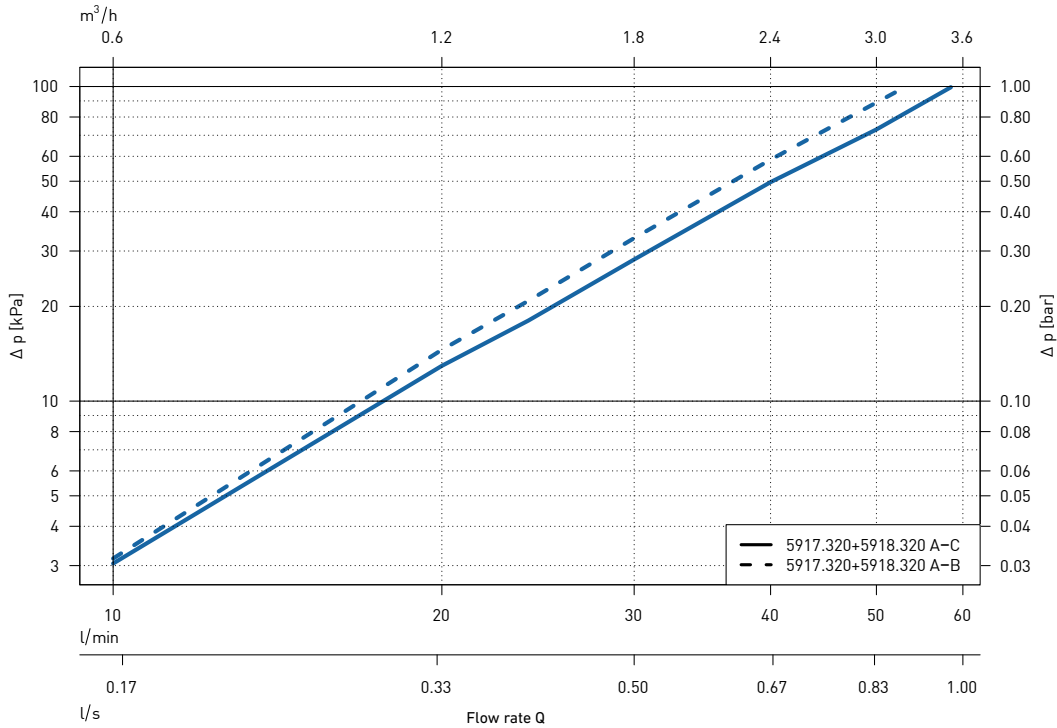
## + Advantages

- Small installation dimensions
- Small wall opening, which is closed with a simple cover (white or chromed)
- Proven JRG LegioStop concealed shut-off valve tops
- Low installation depth thanks to vertical recess for sewer

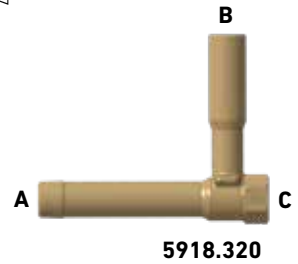
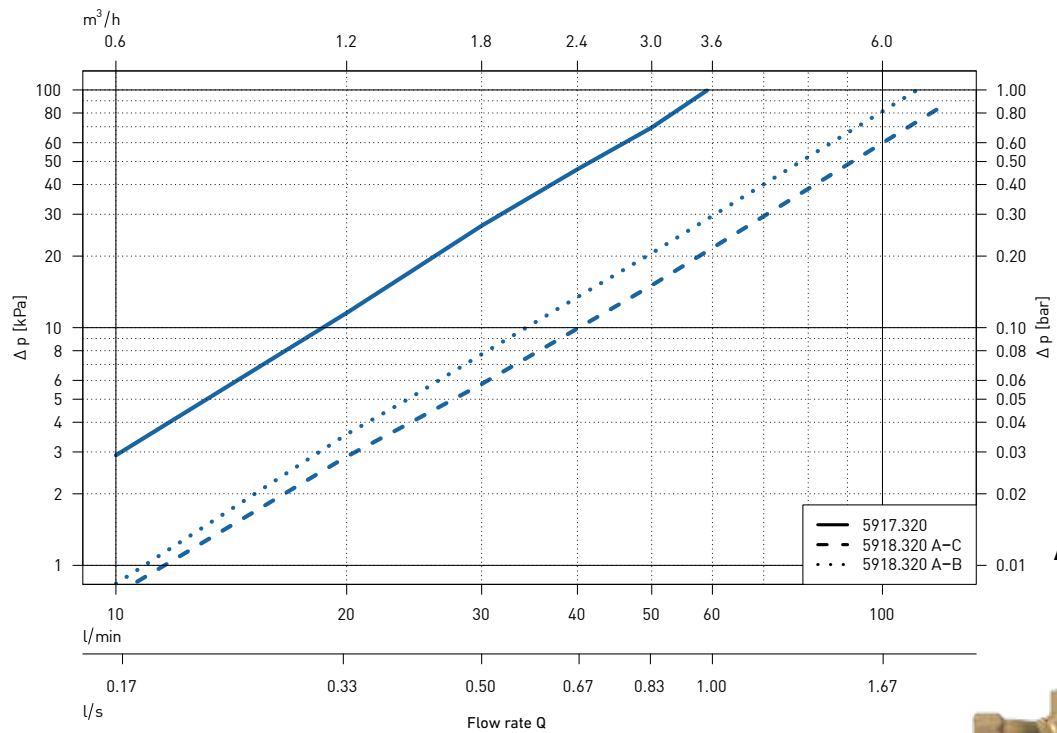


# + Nomograms

## Pressure drop JRG concealed shut-off/counter unit compact and JRG connection kit

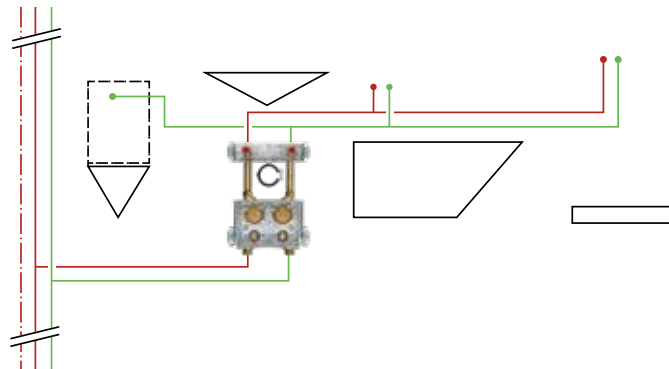


## Pressure drop individual components



JRG Code	Designation	Dimension	$K_{vs}$ -value	$\zeta$ -value
		[GN]	[m <sup>3</sup> /h]	[-]
5917.320	JRG concealed shut-off/counter unit compact	¾	3.5	20.9
5918.320	JRG connection kit Flow path A-B	¾-½	6.6	5.9
5918.320	JRG connection kit Flow path A-C	¾	7.5	4.6
5917.320 + 5918.320	JRG concealed shut-off/counter unit compact incl. JRG connection kit Flow path A-B	¾-½	3.2	25.0
5917.320 + 5918.320	JRG concealed shut-off/counter unit compact incl. JRG connection kit Flow path A-C	¾	3.5	20.9

## + Installation example



## + Technical data

### Application

The JRG concealed shut-off/counter unit compact and connection kit are approved for the following applications:

JRG Code	PN	t <sub>max</sub> *
5917.320 JRG concealed shut-off/counter unit compact	100 kPa (10 bar)	65°C
5918.320 JRG connection kit		

\* Temperatures up to 90°C permissible for short periods (maximum 1 hour per week) during thermal disinfection. With the counter mounted, manufacturer's instructions must be observed.

### Noise behaviour

JRG Code	Dimension	Valve group
5917.320*	DN20	I

\* without measuring capsule

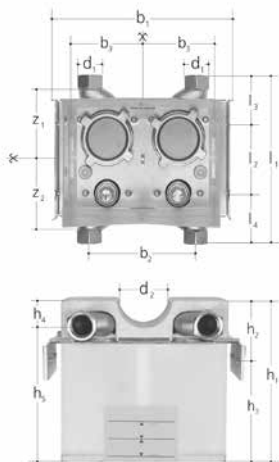
### Mounting Position

The JRG concealed shut-off/counter unit compact can be mounted in any position, however, the measuring capsule must not be mounted facing downwards. It is important that the JRG concealed shut-off/counter unit compact be installed free of stress.

### Installation Instructions

Observe locally applicable guidelines, standards and regulations when installing the JRG concealed shut-off/counter unit compact and the JRG connection kit.

# Products



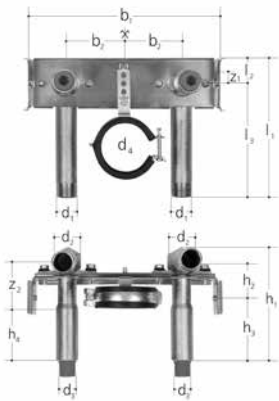
## JRG Concealed shut-off/counter unit compact

- Material: gunmetal, steel

JRG Code	GF Code	Weight (kg)
5917.320	355 566 532	3.180

GN	d1 Rp	d2	b1	b2	b3	h1	h2	h3	h4	h5	l1	l2	l3
(inch)	(inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
¾	¾	61	233	140	96	144 - 186	71	73 - 115	27	117 - 159	210	84	61

l4	z1	z2
(mm)	(mm)	(mm)
65	87	91



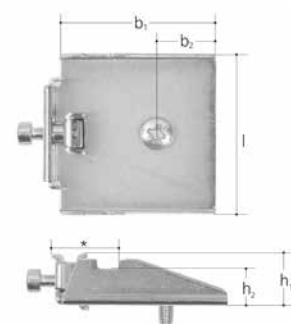
## JRG Connection kit

- Description: to JRG concealed shut-off/counter unit compact
- Material: gunmetal, steel

JRG Code	GF Code	Weight (kg)
5918.320	355 566 534	1.520

GN	d1 R	d2 R	d3 Rp	d4	b1	b2	h1	h2	h3	h4	l1	l2	l3
(inch)	(inch)	(inch)	(inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
¾	¾	¾	½	50 - 56	233	70	128 - 138	44	66 - 77	50 - 60	169	31	139

z1	z2
(mm)	(mm)
14	60

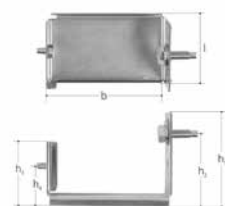


## JRG Adapter GIS

- Description: to JRG concealed shut-off/counter unit compact, connection kit
- Material: steel
- 2 pieces/packet

JRG Code	GF Code	Weight (kg)	b1	b2	h1	h2	l
(mm)	(mm)	(kg)	(mm)	(mm)	(mm)	(mm)	(mm)
5917.001	355 566 545	0.130	57	22	17	12	58

\* GIS Profile

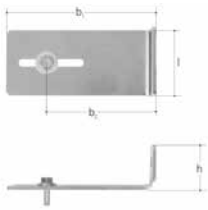


## JRG Adapter Duofix

- Description: to JRG concealed shut-off/counter unit compact, connection kit
- Material: steel
- 2 pieces/packet

JRG Code	GF Code	Weight (kg)	b	h1	h2	h3	h4	l
(mm)	(mm)	(kg)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
5917.002	355 566 540	0.330	98	75	58	50	30	60

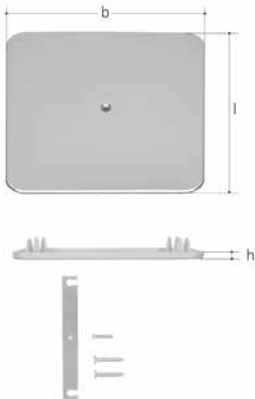
# Products



## JRG Adapter wall mounting

- Description: to JRG concealed shut-off/counter unit compact, connection kit
- Material: steel
- 2 pieces/packet

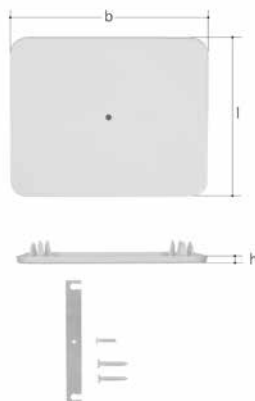
JRG Code	GF Code	Weight (kg)	b1 (mm)	b2 (mm)	h (mm)	l (mm)
5917.003	355 566 555	0.400	128	64 - 114	39	56



## JRG Cover, chromium-plated

- Description: to JRG concealed shut-off/counter unit compact, connection kit
- Material: plastic

JRG Code	GF Code	Weight (kg)	b (mm)	h (mm)	l (mm)
5917.010	355 566 536	0.200	217	8	174



## JRG Cover, white

- Description: to JRG concealed shut-off/counter unit compact, connection kit
- Material: plastic

JRG Code	GF Code	Weight (kg)	b (mm)	h (mm)	l (mm)
5917.011	355 566 537	0.200	217	8	174



## JRG LegioStop Upper part (from 2009)

- Material: gunmetal, stainless steel, EPDM

d (mm)	GN (inch)	DN (mm)	JRG Code	GF Code	Weight (kg)	h (mm)	hub max. (mm)	○1	○2
M25 x 1.5	½ - 1	15 - 25	5995.000	351 062 081	0.112	25	7	18	11



## Slip-on Coupler with slot

- Description: to 5995.000
- Material: brass

GF Code	Weight (kg)	l (mm)	h (mm)	○
351 062 026	0.015	15	15.5	12.8

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