

3-PIECE FITTINGS

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3-PIECE FITTINGS R18, R19 AND R18SP



Description


3-piece straight (R18) or curved fittings (R19), chrome plated or non-chrome plated, with female-male threaded connections with tail piece. Suitable for use in plumbing and gas distribution systems. Suitable for use in solar thermal systems.

Technical data

Plumbing systems

- Temperature range 5÷160 °C (for sizes 3/8", 1/2", 3/4", 1", 1 1/4")
- Temperature range 5÷110 °C (for sizes 1 1/2", 2")
- Max. working pressure 10 bar
- Suitable for use in sanitary systems

Gas distribution systems

- Temperature range 5÷90 °C.
- Max. working pressure 5 bar (MOP 5).
- Fittings R18Y063, R18Y064, R18Y065, R19Y063, R19Y064 and R19Y065 comply with regulation UNI 7129 for gas distribution  and they feature threading which complies with EN 10226.

Materials



- Brass fitting UNI EN 12165 CW617N.
- Gasket in PTFE (for sizes 3/8", 1/2", 3/4", 1", 1 1/4").
- O-ring in NBR (for sizes 1 1/2", 2").



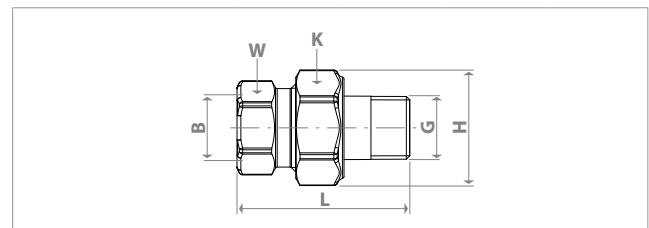
NB:

Please note that the system must be seal tested before being commissioned, according to the indications outlined in the current legislation and relative technical standards, and in particular for use with gas according to the requirements stipulated in Chapter 5, 7129-1: 2008 UNI.

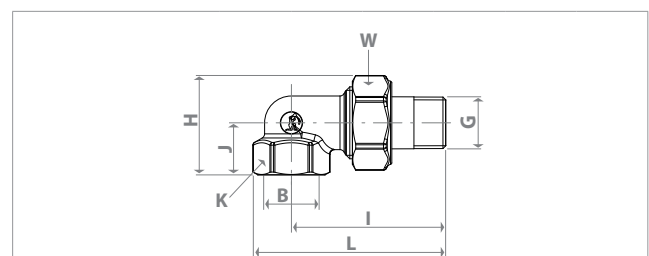
Versions and product codes

Series	Product code	Size	Type	
R18	R18Y002	3/8" (ISO228)	NOT CHROME-PLATED	
	R18Y003	1/2" (ISO228)		
	R18Y004	3/4" (ISO228)		
	R18Y005	1" (ISO228)		
	R18Y006	1 1/4" (ISO228)		
	R18Y007	1 1/2" (Rc x R)		
	R18Y008	2" (Rc x R)		
	R18Y063	1/2" (Rp x R)		
	R18Y064	3/4" (Rp x R)		
	R18Y065	1" (Rp x R)		
	R19	R18X002	3/8" (ISO228)	CHROME PLATED
		R18X003	1/2" (ISO228)	
		R18X004	3/4" (ISO228)	
		R18X005	1" (ISO228)	
R18X006		1 1/4" (ISO228)		
R18X007		1 1/2" (Rc x R)		
R18X008		2" (Rc x R)		
R19		R19Y002	3/8" (ISO228)	
		R19Y003	1/2" (ISO228)	
		R19Y004	3/4" (ISO228)	
		R19Y005	1" (ISO228)	
		R19Y006	1 1/4" (ISO228)	
		R19Y007	1 1/2" (Rc x R)	
		R19Y008	2" (Rc x R)	
	R19Y063	1/2" (Rp x R)		
	R19Y064	3/4" (Rp x R)		
	R19Y065	1" (Rp x R)		
	R19	R19X002	3/8" (ISO228)	CHROME PLATED
		R19X003	1/2" (ISO228)	
		R19X004	3/4" (ISO228)	
		R19X005	1" (ISO228)	
R19X006		1 1/4" (ISO228)		
R19X007		1 1/2" (Rc x R)		
R19X008		2" (Rc x R)		

Dimensions



Series	G x B	L [mm]	H [mm]	W [mm]	K [mm]
R18	3/8" M x 3/8" F	45	30	22	27
	1/2" M x 1/2" F	49	33	26	30
	3/4" M x 3/4" F	53	42	32	38
	1" M x 1" F	58	51	39	46
	1 1/4" M x 1 1/4" F	64	59	49	53
	1 1/2" M x 1 1/2" F	92	73	55	65
	2" M x 2" F	104	87	67	82



Series	G x B	L [mm]	H [mm]	I [mm]	J [mm]	W [mm]	K [mm]
R19	3/8" M x 3/8" F	61	32	50	17	22	27
	1/2" M x 1/2" F	67	36	53	19	26	30
	3/4" M x 3/4" F	81	44	63	23	32	38
	1" M x 1" F	87	60	65	35	39	46
	1 1/4" M x 1 1/4" F	107	72	80	43	49	53
	1 1/2" M x 1 1/2" F	132	84	102	48	55	65
	2" M x 2" F	153	101	116	58	67	82




R18SP

Description

3-piece straight fitting (R18SP), with flat seat and female-male threaded connections with tail piece.
Suitable for use in plumbing systems.

Versions and product codes

Series	Product code	Size	Type
R18SP	R18SPY005	1" (ISO228)	NOT CHROME-PLATED
	R18SPY006	1 1/4" (ISO228)	
	R18SPY007	1 1/2" (Rc x R)	
	R18SPY008	2" (Rc x R)	



Technical data

Plumbing systems

- Temperature range 5÷110 °C
- Max. working pressure 10 bar.
- Suitable for use in sanitary systems

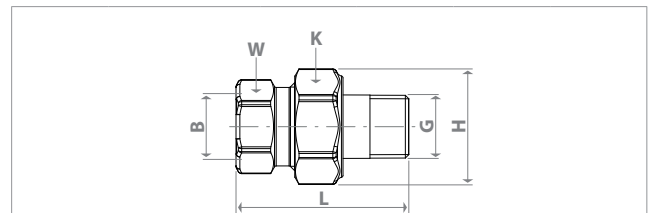
Materials

- Brass fitting UNI EN 12165 CW617N.
- Gaskets in EPDM.



NB:
Please note that the system must be seal tested before being commissioned, according to the indications outlined in the current legislation and relative technical standards.

Dimensions



Series	G x B	L [mm]	H [mm]	W [mm]	K [mm]
R18SP	1"M x 1"F	58	51	39	46
	1 1/4"M x 1 1/4"F	64	59	49	53
	1 1/2"M x 1 1/2"F	93	73	55	65
	2"M x 2"F	104	87	67	82

Reference Standards

UNI 7129

Gas systems for domestic use, fed by the distribution network.

Product specifications

R18

3-piece straight fitting with female-male threaded connection with tail piece. In brass UNI EN 12165 CW617N. Gasket in PTFE (for sizes 3/8", 1/2", 3/4", 1", 1 1/4"). O-ring in NBR (for sizes 1 1/2", 2"). For plumbing, gas distribution and solar thermal systems. Suitable for use in sanitary systems. Temperature range in plumbing systems 5÷160 °C (for sizes 1 1/4"). Temperature range in plumbing systems 5÷110 °C (for sizes up to 1 1/2", 2"). Operating temperature range in gas distribution systems 5÷90 °C. Max. working pressure in plumbing systems 10 bar. • Max. working pressure in gas distribution systems 5 bar (MOP 5).

R19

3-piece 90° curved fitting, with female-male threaded connection with tail piece. In brass UNI EN 12165 CW617N. Gasket in PTFE (for sizes 3/8", 1/2", 3/4", 1", 1 1/4"). O-ring in NBR (for sizes 1 1/2", 2"). For plumbing, gas distribution and solar thermal systems. Suitable for use in sanitary systems. Temperature range in plumbing systems 5÷160 °C (for sizes 1 1/4"). Temperature range in plumbing systems 5÷110 °C (for sizes up to 1 1/2", 2"). Operating temperature range in gas distribution systems 5÷90 °C. Max. working pressure in plumbing systems 10 bar. • Max. working pressure in gas distribution systems 5 bar (MOP 5).

R18SP

3-piece straight fitting with flat seat. In brass UNI EN 12165 CW617N. For use in plumbing systems. Suitable for use in sanitary systems. Female-male threaded connection with tail piece. Seal via gasket in EPDM. Temperature range 5÷110 °C. Max. working pressure 10 bar.

Additional information

For additional information please check the website www.giacomini.com or contact the technical service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ consulenza.prodotti@giacomini.com
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Giacomini S.p.A. Via per Alzo, 39 - 28017 San Maurizio d'Opaglio (NO) Italy