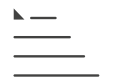


R18, R19

3-piece fittings



Water
Management



Energy
Management

Datasheet
0568EN 04/2026



R18



R19

3-piece straight R18 or elbow fittings R19, chrome plated or brass finished, with female-tail piece male threaded connections.

Suitable for use in plumbing HVAC systems, domestic water systems and solar thermal systems

➤ Versions and product codes

R18

PRODUCT CODE	CONNECTIONS	TYPE
R18Y002	G 3/8"F x G 3/8"M	 Brass finish
R18Y003	G 1/2"F x G 1/2"M	
R18Y004	G 3/4"F x G 3/4"M	
R18Y005	G 1"F x G 1"M	
R18Y006	G 1-1/4"F x G 1-1/4"M	
R18Y017	G 1-1/2"F x G 1-1/2"M	
R18Y018	G 2"F x G 2"M	
R18Y007	Rc 1-1/2" x R 1-1/2"	
R18Y008	Rc 2" x R 2"	 Chrome plated
R18X002	G 3/8"F x G 3/8"M	
R18X003	G 1/2"F x G 1/2"M	
R18X004	G 3/4"F x G 3/4"M	
R18X005	G 1"F x G 1"M	
R18X006	G 1-1/4"F x G 1-1/4"M	
R18X017	G 1-1/2"F x G 1-1/2"M	
R18X018	G 2"F x G 2"M	
R18X007	Rc 1-1/2" x R 1-1/2"	
R18X008	Rc 2" x R 2"	

R19

PRODUCT CODE	CONNECTIONS	TYPE
R19Y002	G 3/8"F x G 3/8"M	 Brass finish
R19Y003	G 1/2"F x G 1/2"M	
R19Y004	G 3/4"F x G 3/4"M	
R19Y005	G 1"F x G 1"M	
R19Y006	G 1-1/4"F x G 1-1/4"M	
R19Y017	G 1-1/2"F x G 1-1/2"M	
R19Y018	G 2"F x G 2"M	
R19Y007	Rc 1-1/2" x R 1-1/2"	
R19Y008	Rc 2" x R 2"	 Chrome plated
R19X002	G 3/8"F x G 3/8"M	
R19X003	G 1/2"F x G 1/2"M	
R19X004	G 3/4"F x G 3/4"M	
R19X005	G 1"F x G 1"M	
R19X006	G 1-1/4"F x G 1-1/4"M	
R19X017	G 1-1/2"F x G 1-1/2"M	
R19X018	G 2"F x G 2"M	
R19X007	Rc 1-1/2" x R 1-1/2"	
R19X008	Rc 2" x R 2"	

Technical data

Performance

- Suitable for use in plumbing HVAC systems, domestic water systems and solar thermal systems
- Fluids of use: water with glycol for HVAC systems; domestic water
- Max. glycol percentage: 30%
- Temperature range:
5÷160 °C for size 3/8", 1/2", 3/4", 1", 1-1/4"
5÷110 °C for size 1-1/2", 2"
- Max. working pressure: 10 bar

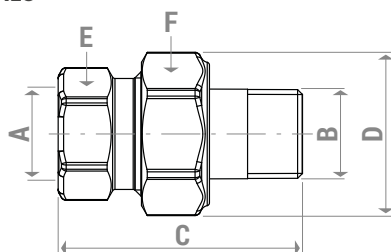
NOTE. The system must be seal tested before being commissioned, according to the indications outlined in the current legislation and relative technical Standards.

Materials

- Fitting: brass EN 12165 CW617N
- Sealing element:
PTFE gasket for size 3/8", 1/2", 3/4", 1", 1-1/4"
NBR O-Ring for size 1-1/2", 2"

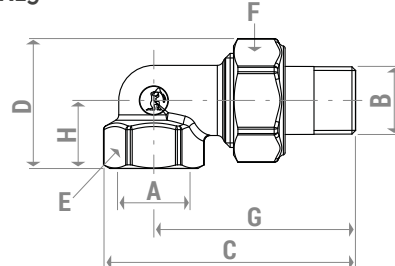
Dimensions

R18



PRODUCT CODE	CONNECTIONS A x B	C [mm]	D [mm]	E [mm]	F [mm]
R18Y002 R18X002	G 3/8"F x G 3/8"M	45	30	wr.22	wr.27
R18Y003 R18X003	G 1/2"F x G 1/2"M	49	33	wr.26	wr.30
R18Y004 R18X004	G 3/4"F x G 3/4"M	53	42	wr.32	wr.38
R18Y005 R18X005	G 1"F x G 1"M	58	51	wr.39	wr.46
R18Y005 R18X005	G 1-1/4"F x G 1-1/4"M	64	59	wr.49	wr.53
R18Y017 R18X017	G 1-1/2"F x G 1-1/2"M	90	73	wr.55	wr.65
R18Y018 R18X018	G 2"F x G 2"M	100	87	wr.67	wr.82
R18Y007 R18X007	Rc 1-1/2" x R 1-1/2"	92	73	wr.55	wr.65
R18Y008 R18X008	Rc 2" x R 2"	104	87	wr.67	wr.82

R19



PRODUCT CODE	CONNECTIONS A x B	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]
R19Y002 R19X002	G 3/8"F x G 3/8"M	61	32	wr.22	wr.27	50	17
R19Y003 R19X003	G 1/2"F x G 1/2"M	67	36	wr.26	wr.30	53	19
R19Y004 R19X004	G 3/4"F x G 3/4"M	81	44	wr.32	wr.38	63	23
R19Y005 R19X005	G 1"F x G 1"M	87	60	wr.39	wr.46	65	35
R19Y005 R19X005	G 1-1/4"F x G 1-1/4"M	107	72	wr.49	wr.53	80	43
R19Y017 R19X017	G 1-1/2"F x G 1-1/2"M	130	84	wr.55	wr.65	100	48
R19Y018 R19X018	G 2"F x G 2"M	149	101	wr.67	wr.82	112	58
R19Y007 R19X007	Rc 1-1/2" x R 1-1/2"	132	84	wr.55	wr.65	102	48
R19Y008 R19X008	Rc 2" x R 2"	153	101	wr.67	wr.82	116	58

➤ Product specifications

R18

3-piece straight fittings, with female-tail piece male threaded connections. Made of brass EN 12165 CW617N, chrome plated or brass finish. Suitable for use in plumbing HVAC systems, domestic water systems and solar thermal systems. Gasket in PTFE for size 3/8", 1/2", 3/4", 1", 1-1/4"; O-Ring in NBR for size 1-1/2", 2". Temperature range: 5÷160 °C for size 3/8", 1/2", 3/4", 1", 1-1/4"; 5÷110 °C for size 1-1/2", 2". Max. working pressure 10 bar. Fluids of use: water with glycol for HVAC systems; domestic water. Max. glycol percentage: 30%.

R19

3-piece 90° elbow fittings, with female-tail piece male threaded connections. Made of brass EN 12165 CW617N, chrome plated or brass finish. Suitable for use in plumbing HVAC systems, domestic water systems and solar thermal systems. Gasket in PTFE for size 3/8", 1/2", 3/4", 1", 1-1/4"; O-Ring in NBR for size 1-1/2", 2". Temperature range: 5÷160 °C for size 3/8", 1/2", 3/4", 1", 1-1/4"; 5÷110 °C for size 1-1/2", 2". Max. working pressure 10 bar. Fluids of use: water with glycol for HVAC systems; domestic water. Max. glycol percentage: 30%.

⚠ Safety Warning. Installation, commissioning and periodical maintenance of the product must be carried out by qualified operators in compliance with national regulations and/or local standards. A qualified installer must take all required measures, including use of Individual Protection Devices, for his and others' safety. An improper installation may damage people, animals or objects towards which Giacomini S.p.A. may not be held liable.

♻ Package Disposal. Carton boxes: paper recycling. Plastic bags and bubble wrap: plastic recycling.

ℹ Additional information. For more information, go to giacomini.com or contact our technical assistance service. This document provides only general indications. Giacomini S.p.A. may change at any time, without notice and for technical or commercial reasons, the items included herewith. The information included in this technical sheet do not exempt the user from strictly complying with the rules and good practice standards in force.

♻ Product Disposal. Do not dispose of product as municipal waste at the end of its life cycle. Dispose of product at a special recycling platform managed by local authorities or at retailers providing this type of service.