

DIVERTING VALVES

0775EN March 2022

THREE-WAY DIVERTING BALL VALVE R279D



GIACOMINI
WATER E-MOTION



R279D

Description

R279D diverting valves are devices for intercepting the heat fluid which, triggered by an actuator controlled by a thermostat or by a clock, allow for the automatic deviation of the fluid in HVAC systems.

The diverting valves are ideal for use in systems where multiple sources of heat generation are present.

Versions and product codes

Product code	Connections	No. ways	Stopper
R279DY024	G 3/4"F	3	Ball
R279DY025	G 1"F		

Completion codes

- Actuators K270 or K272.

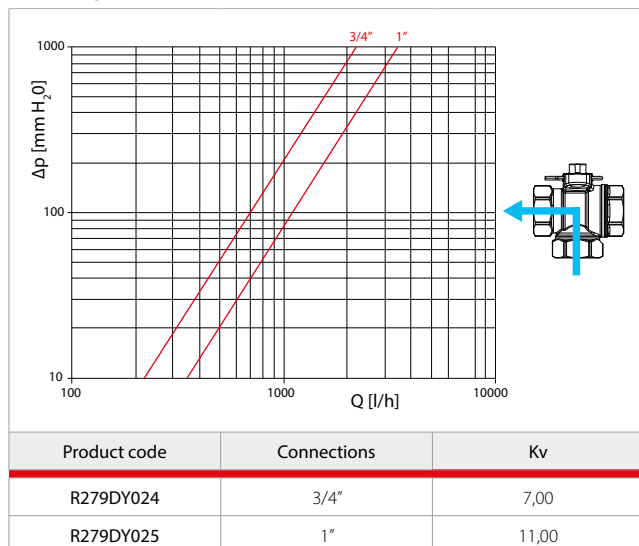
Technical data

- Fluids: water, glycol solutions (max. 50 %)
- Temperature range: 5÷110 °C
- Max. working pressure: 10 bar

Materials

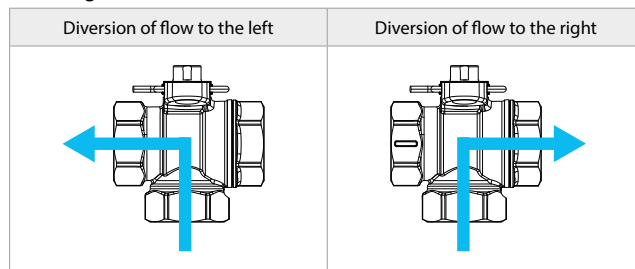
- Body and ball: UNI EN 12165 CW617N brass
- Stem: UNI EN 12164 CW617N brass
- Gaskets: EPDM

Losses of pressure

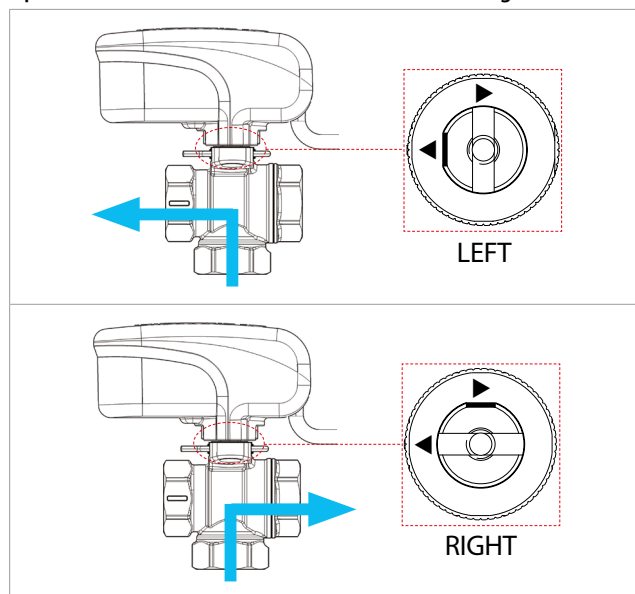


Operation

Flow diagram



Operation of K270/K272 actuators with R279D diverting valves



Installation



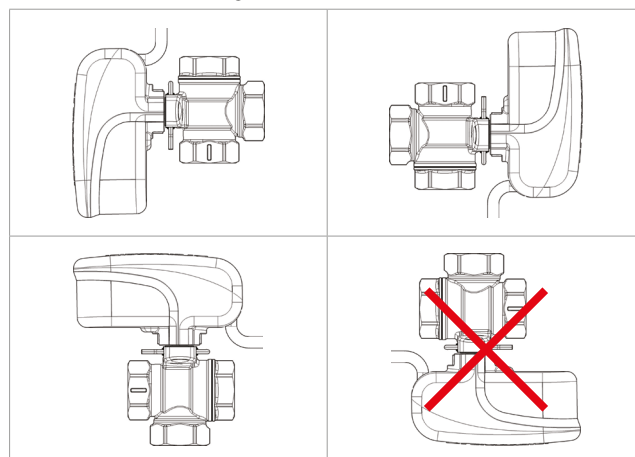
Warning.

Connection to the system should always be carried out in respect of the direction of flow indicated by the arrow printed on the device body.

Valves with actuators must be mounted horizontally or vertically with the cover facing up.

They must be installed in a dry, protected place that can easily be accessed for any necessary maintenance work.

Do not cover with insulating materials.



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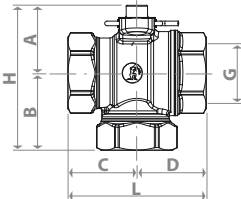
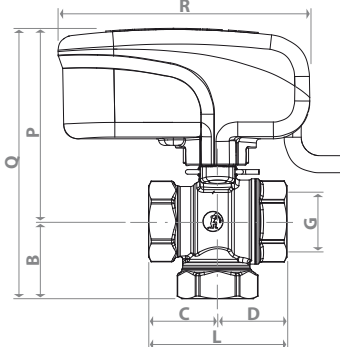
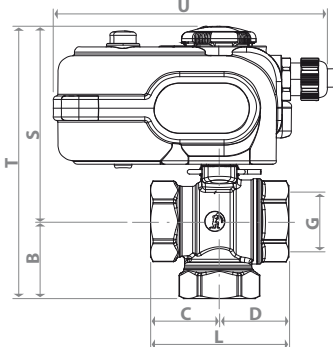
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Dimensions

R279D					R279D + K270Y101 / K270Y102					R279D + K272Y101 / K272Y102				
														
Product code	G	C [mm]	D [mm]	L [mm]	B [mm]	A [mm]	H [mm]	P [mm]	Q [mm]	R [mm]	S [mm]	T [mm]	U [mm]	
R279DY024	3/4"	31	32	63	33	33	66	92	125	118	108	141	157	
R279DY025	1"	38	38	76	42	37	79	96	138	118	112	154	157	

Product specifications

R279D

Three-way diverting ball valve, motorizable. Made of brass, with female-female connections. Fluids: water, glycol solutions (max. 50 %). Temperature range: 5÷110 °C. Max. working pressure 10 bar. Can be motorized by installing the K270 or K272 series actuator.

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
 This pamphlet is merely for information purposes. Giacomini S.p.A. retains the right to make modifications for technical or commercial reasons, without prior notice, to the items described in this pamphlet. The information described in this technical pamphlet does not exempt the user from following carefully the existing regulations and norms on good workmanship.
 Giacomini S.p.A. Via per Alzo, 39 - 28017 San Maurizio d'Opaglio (NO) Italy