

R279D

3-way diverting ball valve



Energy
Management

Datasheet
0775EN 03/2026



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	N° OF WAYS	STOPPER
R279DY024	G 3/4"F	3-way	Ball
R279DY025	G 1"F		

Completion codes

- **K270:** 24 V or 230 V actuators, with stroke-end microswitch
- **K272:** 24 V or 230 V actuators, with stroke-end microswitch and the possibility of manual operation
- **R279DWY005:** insulation made of expanded polyethylene for R279DY025 diverting valve

Technical data

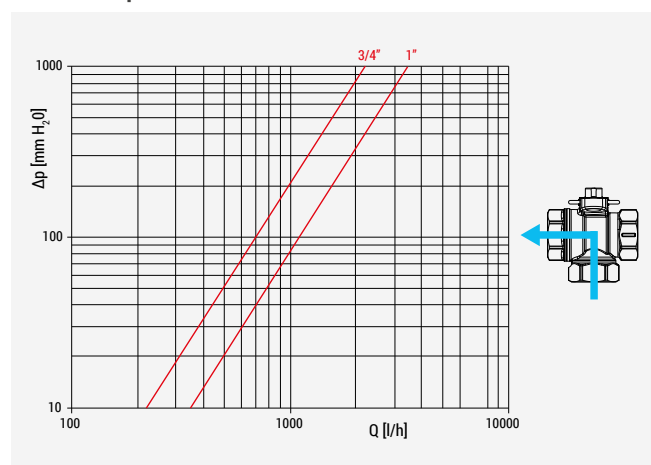
Performance

- 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

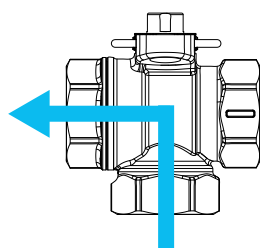


PRODUCT CODE	CONNECTIONS	Kv
R279DY024	G 3/4"F	7,00
R279DY025	G 1"F	11,00

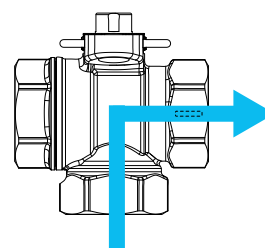
Operation

Flow diagram

DIVERSION OF FLOW TO THE LEFT

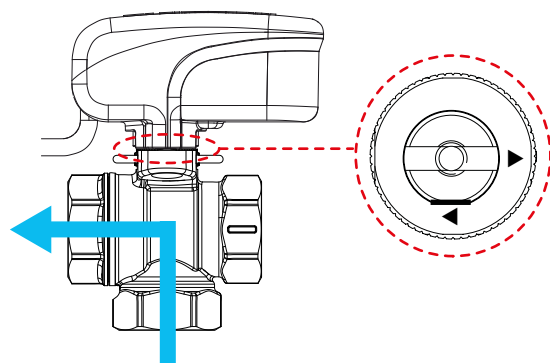


DIVERSION OF FLOW TO THE RIGHT

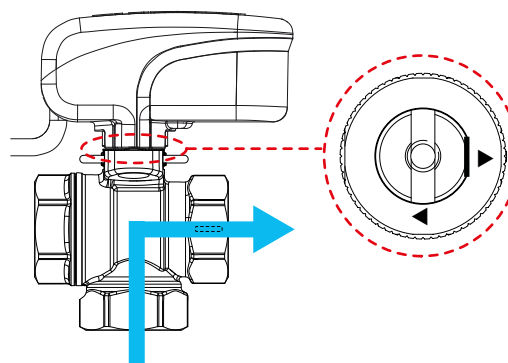


Valve stem position with actuator

DIVERSION OF FLOW TO THE LEFT



DIVERSION OF FLOW TO THE RIGHT



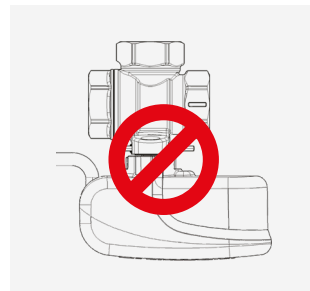
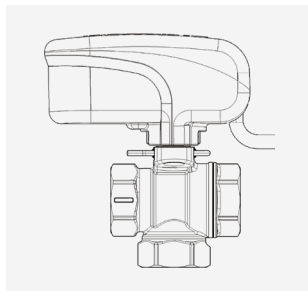
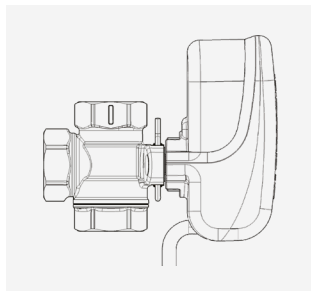
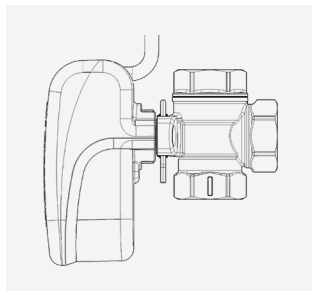
Installation

⚠ 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.

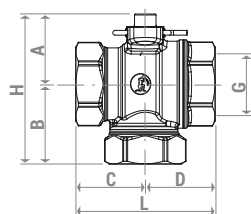
They must be installed in a dry, protected place that can easily be accessed for any necessary maintenance work.

Do not cover with insulating materials.

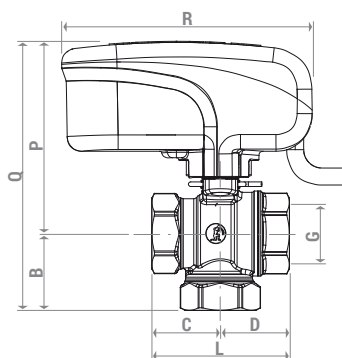


Dimensions

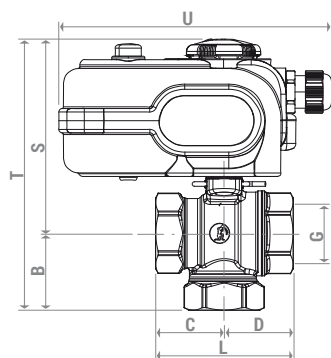
R279D



R279D + K270Y101/K270Y102



R279D + K272Y101/K272Y102



PRODUCT CODE	CONNECTIONS, 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	G 3/4" F	31	32	63	33	33	66	92	125	118	108	141	157
R279DY025	G 1" F	38	38	76	42	37	79	96	138	118	112	154	157

Product specifications

R279D

3-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.

⚠ 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.

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♻ 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.