

R385MT, R385T, R386MT, R386T, T386T



Energy
Management

Datasheet
0486EN 07/2025

Twin-pipe and single-pipe valve with thermostatic option for radiant plates and toweldryers



R385T
R385MT



R386T
R386MT



T386T

Twin-pipe and single-pipe valve with thermostatic option for radiant plates and toweldryers.
Flat seat connections with gaskets, complete with self-sealing adaptors and worksite protection.
Compatible with all types of Giacomini thermostatic heads.

► Versions and codes

VERSION	SERIES	PRODUCT CODE	CONNECTIONS SYSTEM x RADIANT PLATES	TYPE OF VALVE	ADAPTORS INCLUDED
Twin-pipe	R385T	R385TX013	3/4"E x G 3/4"F	Straight Chrome plated	N°2 R483Y001 (3/4"E x Ø18)
	R386T	R386TX013		Angle Chrome plated	
	T386T	T386TX013		Angle Polish chrome plated	N°2 R483Y002 (G 1/2"M x G 3/4"M)
Single-pipe	R385MT	R385TX003		Straight Chrome plated	
	R386MT	R386TX003		Angle Chrome plated	

NOTE. The R385MT and R386MT valves (single-pipe versions) can be identified by the "MONO" marking on the lockshield cap.



Technical data

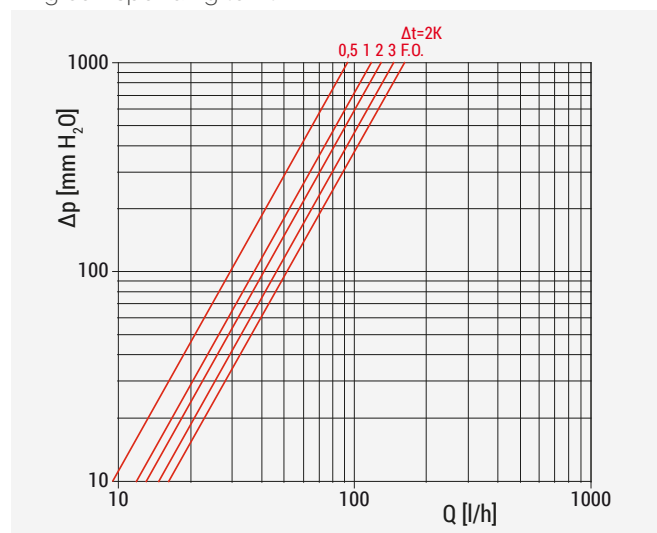
Performance

- Temperature range: 5÷110 °C
- Max. working pressure: 10 bar
- Maximum differential pressure (with thermostatic head): 1,4 bar
- Centre distance: 50 mm

Losses of pressure

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Loss of pressure of the valve, **in thermostatic version**, when varying the number of opening turns of the lockshield, and opening corresponding to $\Delta t = 2K$.



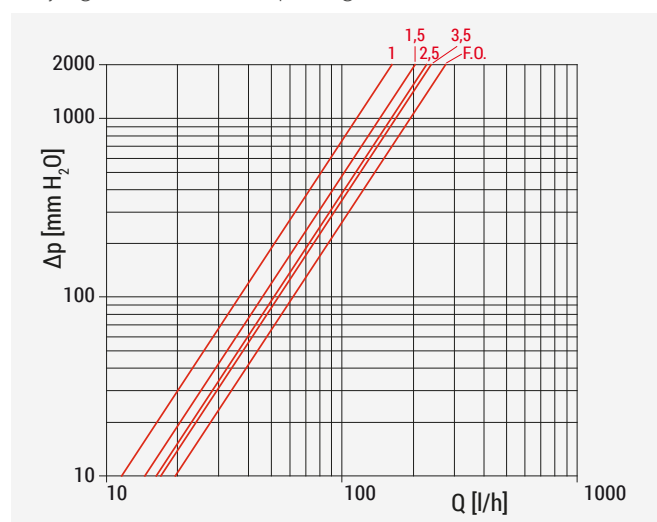
Materials

- Body and nut: EN 12165 CW617N brass
- Seal on command stem with O-Ring: EPDM
- Gaskets: EPDM

Nr. OF OPENING TURNS / THERMOSTATIC HEAD POSITION	Kv
0,5	0,31
1	0,37
2	0,42
3	0,47
F.O. / $\Delta t=2K$	0,51

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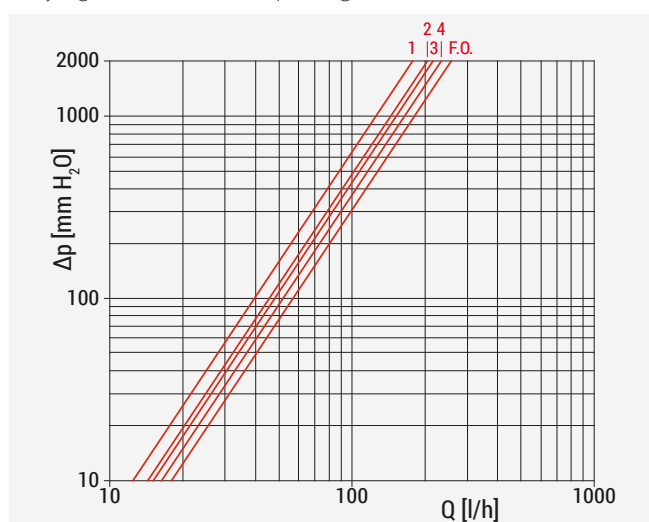
Loss of pressure of the valve, **in manual version**, when varying the number of opening turns of the lockshield.



Nr. OF OPENING TURNS	Kv
1	0,51
1,5	0,64
2,5	0,72
3,5	0,75
F.O.	0,86

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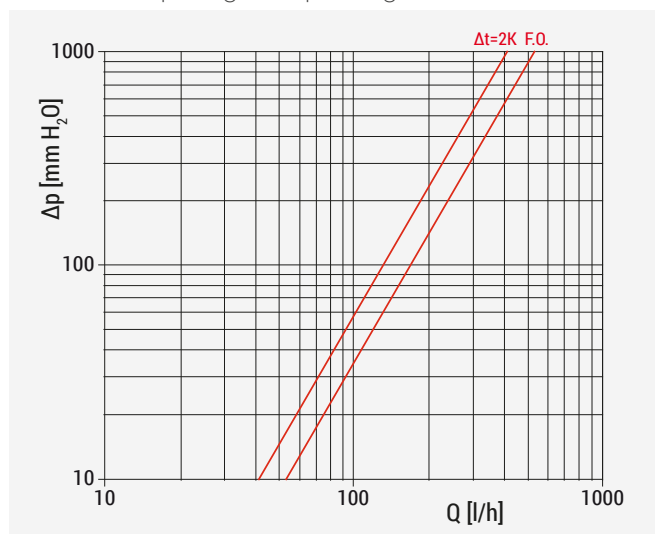
Loss of pressure of the valve, **in manual version**, when varying the number of opening turns of the lockshield.



Nr. OF OPENING TURNS	Kv
1	0,57
2	0,65
3	0,69
4	0,75
F.O.	0,82

R385MT

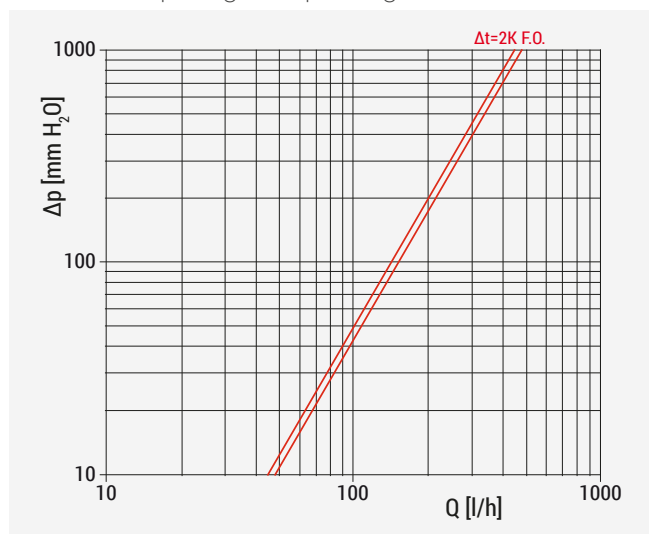
Loss of pressure of the valve, fully open (F.O.) in **manual version** and with the lockshield fully open in **thermostatic version** and opening corresponding to $\Delta t = 2K$.



CURVE	Kv
F.O.	1,68
$\Delta t=2K$	1,31

R386MT

Loss of pressure of the valve, fully open (F.O.) in **manual version** and with the lockshield fully open in **thermostatic version** and opening corresponding to $\Delta t = 2K$.



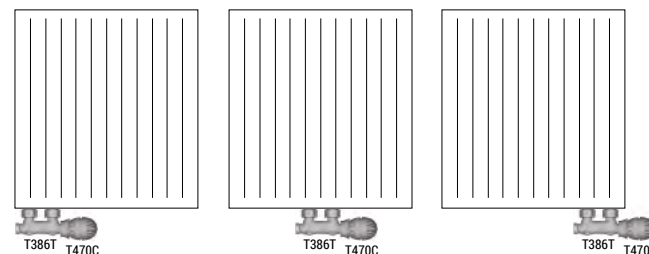
CURVE	Kv
F.O.	1,51
$\Delta t=2K$	1,41

Installation

On the angle valve versions (R386T, R386MT and T386T), the thermostatic head can only be fitted to the right of the valve (see right note), while on the straight version (R385T, R385MT), the thermostatic head can be fitted either to the left or to the right of the valve.

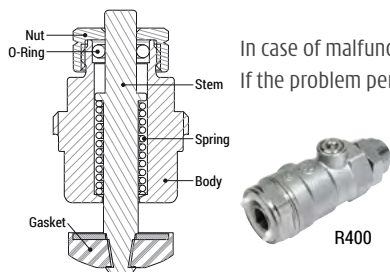
When installing, follow the direction of flow indicated on the body of the valve.

When connecting to system piping, use Eurocone adaptors.



NOTE. Mounting of the T470C thermostatic head on the right side of the valve.

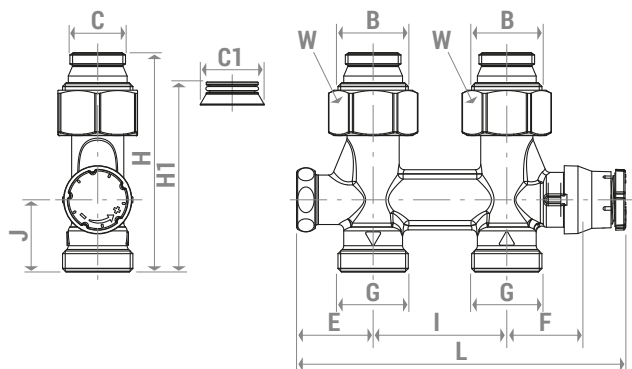
WARNING. With thermostatic head installed on the valve body, to avoid excessive loads on the seal gasket of the thermostatic bonnet (with the resulting risk of jamming and locking) during the summer, it is recommended to place the handwheel of the thermostatic head in the fully open position, marked by the symbol



In case of malfunction of the valve it is possible to replace the O-Ring, by unscrewing the nut using an hexagonal wrench 11 mm. If the problem persists is also possible to replace the complete bonnet using the appropriate key R400.

➤ Dimensions

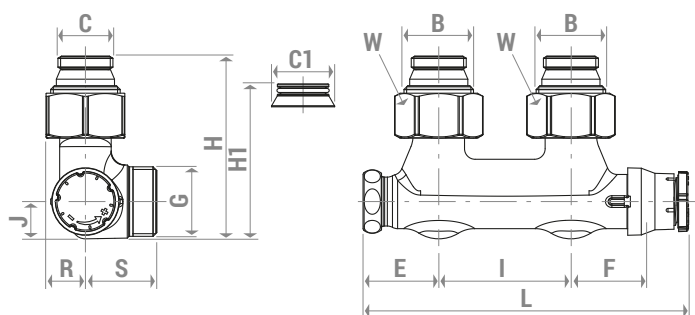
R385T, R385MT



WITH R483Y002		WITH R483Y001	
C [mm]	H [mm]	C1 [mm]	H1 [mm]

R385TX013											
	3/4"E x G 3/4"F	124	29	50	28	27	30	G 1/2"M	82	3/4"E	70
R385TX003											

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										WITH R483Y002		WITH R483Y001	
PRODUCT CODE	G x B	L [mm]	E [mm]	I [mm]	F [mm]	J [mm]	W [mm]	R [mm]	S [mm]	C [mm]	H [mm]	C1 [mm]	H1 [mm]

R386TX013													
R386TX003	3/4"E x G 3/4"F	124	29	50	28	14	30	15	27	G 1/2"M	69	3/4"E	57
T386TX013													

Product specification

R385T

Twin-pipe straight valve with thermostatic option with chrome plating, for radiant plates. Flat seat connections with gaskets, complete with self-sealing adaptors and worksite protection. Compatible with all types of Giacomini thermostatic head. Body and nut: EN 12165 CW617N brass. Seal on command stem with O-Ring: EPDM. Gaskets: EPDM. Temperature range 5÷110 °C. Max. working pressure 10 bar. Maximum differential pressure (with thermostatic head) 1,4 bar. Centre distance of 50 mm.

R385MT

Single-pipe straight valve with thermostatic option with chrome plating, for radiant plates. Flat seat connections with gaskets, complete with self-sealing adaptors and worksite protection. Compatible with all types of Giacomini thermostatic head. Body and nut: EN 12165 CW617N brass. Seal on command stem with O-Ring: EPDM. Gaskets: EPDM. Temperature range 5÷110 °C. Max. working pressure 10 bar. Maximum differential pressure (with thermostatic head) 1,4 bar. Centre distance of 50 mm.

R386T

Twin-pipe angle valve with thermostatic option with chrome plating, for radiant plates. Flat seat connections with gaskets, complete with self-sealing adaptors and worksite protection. Compatible with all types of Giacomini thermostatic head. Body and nut: EN 12165 CW617N brass. Seal on command stem with O-Ring: EPDM. Gaskets: EPDM. Temperature range 5÷110 °C. Max. working pressure 10 bar. Maximum differential pressure (with thermostatic head) 1,4 bar. Centre distance of 50 mm.

R386MT

Single-pipe angle valve with thermostatic option with chrome plating, for radiant plates. Flat seat connections with gaskets, complete with self-sealing adaptors and worksite protection. Compatible with all types of Giacomini thermostatic head. Body and nut: EN 12165 CW617N brass. Seal on command stem with O-Ring: EPDM. Gaskets: EPDM. Temperature range 5÷110 °C. Max. working pressure 10 bar. Maximum differential pressure (with thermostatic head) 1,4 bar. Centre distance of 50 mm.

T386T

Twin-pipe angle valve with thermostatic option with polish chrome plating, for radiant plates and toweldryers. Flat seat connections with gaskets, complete with self-sealing adaptors and worksite protection. Compatible with all types of Giacomini thermostatic head. Body and nut: EN 12165 CW617N brass. Seal on command stem with O-Ring: EPDM. Gaskets: EPDM. Temperature range 5÷110 °C. Max. working pressure 10 bar. Maximum differential pressure (with thermostatic head) 1,4 bar. Centre distance of 50 mm.

 **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.

 **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.