



Characteristics

The valves with thermostatic option and pre-adjustment are used to slice the delivery water flow rate in a radiator.
When the special worksite protection handwheel is fully closed, it is possible to exceed static pressure values of 10 bar with the system disabled.
In any case, you are advised to connect the heating elements before carrying out the pressurised seal tests on the system.

Technical data

- Temperature range: 5÷110 °C
- Max. working pressure: 16 bar
(with thermostatic or electrothermal head 10 bar)
- Maximum differential pressure: 1,4 bar (3/8", 1/2", 1/2"x16 mm, 3/4")

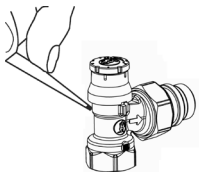
Versions and codes

Product code	Connections	Type
R401PX032	3/8" x 3/8"	angled
R401PX132 *		
R401PX033		
R401PX133 *		
R401PX034	1/2" x 1/2"	angled
R402PX032		
R402PX132 *		
R402PX033		
R402PX034	3/4" x 3/4"	angled
R402PX032		
R402PX132 *		
R402PX033		
R415PX042	1/2" x 16 mm	reverse angle
R411PX032	adaptor for copper / plastic / multi-layer pipe	angled
R411PX033		
R412PX032		
R412PX033		

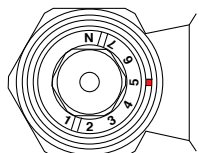
* New version interchangeable with TG-series body valves

Valve pre-adjustment

The Giacomini valves with the final letter "P" have a bonnet with flow rate pre-adjustment (P12P).
The bonnet has a numbered bush: position 1, 2, 3, 4, 5, 6, 7, N.
N = Fully open.
To make the pre-adjustment, proceed as follows:



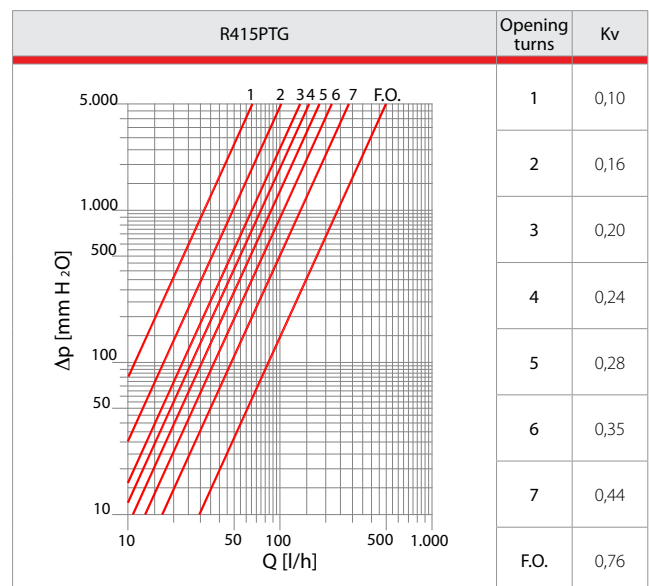
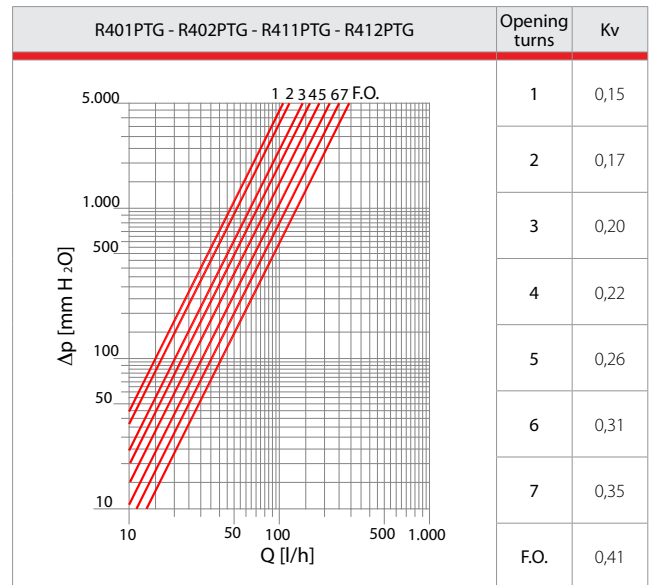
1) Remove the red funnel with the aid of a screwdriver.



2) Use the R73P spanner to rotate the numbered bush. Line up the notch on the valve body with the chosen flow rate number on the pressure loss diagram.

Losses of Pressure

The diagrams show the values of the loss of pressure in straight and angle valves with thermostatic heads $\Delta t = 2^\circ\text{C}$.



Nota.
To adjust the valve, use the R73PY001 spanner.



Dimensions

R401PTG			R402PTG			R415PTG		
R411PTG			R412PTG					
Product code	GxB	H [mm]	I [mm]	J [mm]	K [mm]	L [mm]	M [mm]	W [mm]
R401PX032	3/8" x 3/8"	59	53	22	22	66	23	27
R401PX132 *	3/8" x 3/8"	55	51	20	22	64	23	27
R401PX033	1/2" x 1/2"	63	57	27	27	72	23	30
R401PX133 *	1/2" x 1/2"	59	53	23	27	68	23	30
R401PX034	3/4" x 3/4"	61	61	25	32	79	23	38
R402PX032	3/8" x 3/8"	59	56	15	22	85	23	27
R402PX132 *	3/8" x 3/8"	58	54	15	22	76	23	27
R402PX033	1/2" x 1/2"	60	60	17	27	93	23	30
R402PX133 *	1/2" x 1/2"	60	55	17	27	82	23	30
R402PX034	3/4" x 3/4"	65	56	21	32	82	23	38
R415PX042	1/2" x 16 mm	53	45	36	-	95	23	30
R411PX032	3/8" x 16 mm	57	53	21	-	66	23	30
R411PX033	1/2" x 16 mm	57	53	21	-	66	23	30
R412PX032	3/8" x 16 mm	61	51	17	-	75	23	30
R412PX033	1/2" x 16 mm	61	51	17	-	75	23	30

* New version interchangeable with TG-series body valves

Product specifications

R401PTG

Valve with thermostatic option and pre-adjustment, angled, chrome-plated, with iron pipe connection. Body in brass UNI EN 12165 CW617N. Worksite protection knob in PP-H. Monobloc command knob in stainless steel. Seal on command rod with O-ring in EPDM. Temperature range 5÷110 °C. Max. working pressure 16 bar (10 bar with thermostatic or electrothermal head). Available in versions with 3/8"M, 1/2"M and 3/4"M radiator connections with seal-sealing tail piece in EPDM.

R402PTG

Valve with thermostatic option and pre-adjustment, straight, chrome-plated, with iron pipe connection. Body in brass UNI EN 12165 CW617N. Worksite protection knob in PP-H. Monobloc command knob in stainless steel. Seal on command rod with O-ring in EPDM. Temperature range 5÷110 °C. Max. working pressure 16 bar (10 bar with thermostatic or electrothermal head). Available in versions with 3/8"M, 1/2"M and 3/4"M radiator connections with seal-sealing tail piece in EPDM.

R415PTG

Valve with thermostatic option and pre-adjustment and worksite protection, angled, chrome-plated, with connection for adaptor for copper / plastic / multi-layer pipe. Body in brass UNI EN 12165 CW617N. Manual command handwheel in ABS, colour RAL 9010. Monobloc command knob in stainless steel. Seal on command rod with O-ring in EPDM. Temperature range 5÷110 °C. Max. working pressure 16 bar (10 bar with thermostatic or electrothermal head). 1/2"M radiator connection with self-sealing tail piece in EPDM. Available with connection for adaptors R178, R179, R179AM (base 16).

R411PTG

Valve with thermostatic option and pre-adjustment, angled, chrome-plated, with connection for adaptor for copper / plastic / multi-layer pipe. Body in brass UNI EN 12165 CW617N. Worksite protection knob in PP-H. Monobloc command knob in stainless steel. Seal on command rod with O-ring in EPDM. Temperature range 5÷110 °C. Max. working pressure 16 bar (10 bar with thermostatic or electrothermal head). 3/8"M and 1/2"M radiator connections with self-sealing tail piece in EPDM. Connection for base 16 adaptors R178, R179, R179AM.

R412PTG

Valve with thermostatic option and pre-adjustment, straight, chrome-plated, with connection for adaptor for copper / plastic / multi-layer pipe. Body in brass UNI EN 12165 CW617N. Worksite protection knob in PP-H. Monobloc command knob in stainless steel. Seal on command rod with O-ring in EPDM. Temperature range 5÷110 °C. Max. working pressure 16 bar (10 bar with thermostatic or electrothermal head). 3/8"M and 1/2"M radiator connections with self-sealing tail piece in EPDM. Connection for base 16 adaptors R178, R179, R179AM.

Additional information

For further information, visit the website www.giacomini.com or contact the technical service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ consulenza.prodotti@giacomini.com
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