


R401PTG

R402PTG

R411PTG

R412PTG

R403PTG

R415PTG

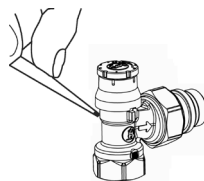
Description

The valves with thermostatic option and presetting 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, it is advised to connect the heating elements before carrying out the pressurised seal tests on the system.

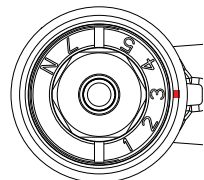
Presetting

The Giacomini valves with the final letter "P" have a bonnet with flow rate presetting (P12P).

The bonnet has a numbered bush: position 1, 2, 3, 4, 5, 6, 7, N (N = Fully open). To make the presetting, 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.



Note.
To adjust the flow rate of the valve, use the R73PY001 spanner.



Versions and codes

Serie	Codice	Attacchi	Tipologia
R401PTG	R401PX032	3/8" x 3/8"	angled
	R401PX132 *	3/8" x 3/8"	
	R401PX033	1/2" x 1/2"	
	R401PX133 *	1/2" x 1/2"	
	R401PX034	3/4" x 3/4"	
R402PTG	R402PX032	3/8" x 3/8"	straight
	R402PX132 *	3/8" x 3/8"	
	R402PX033	1/2" x 1/2"	
	R402PX133 *	1/2" x 1/2"	
	R402PX034	3/4" x 3/4"	
R403PTG	R403PX052	3/8" x 3/8" (LF)	double angled
	R403PX054	1/2" x 1/2" (LF)	
	R403PX062	3/8" x 3/8" (RG)	
	R403PX064	1/2" x 1/2" (RG)	
R411PTG	R411PX032	3/8" x 16 mm	a squadra
	R411PX033	1/2" x 16 mm	
R412PTG	R412PX032	3/8" x 16 mm	angled
	R412PX033	1/2" x 16 mm	
R403PTG	R403PX024	1/2" x 18 mm (LF)	double angled
	R403PX034	1/2" x 18 mm (RG)	
R415PTG	R415PX042	1/2" x 16 mm	reverse angle

* New version interchangeable with TG-series body valves



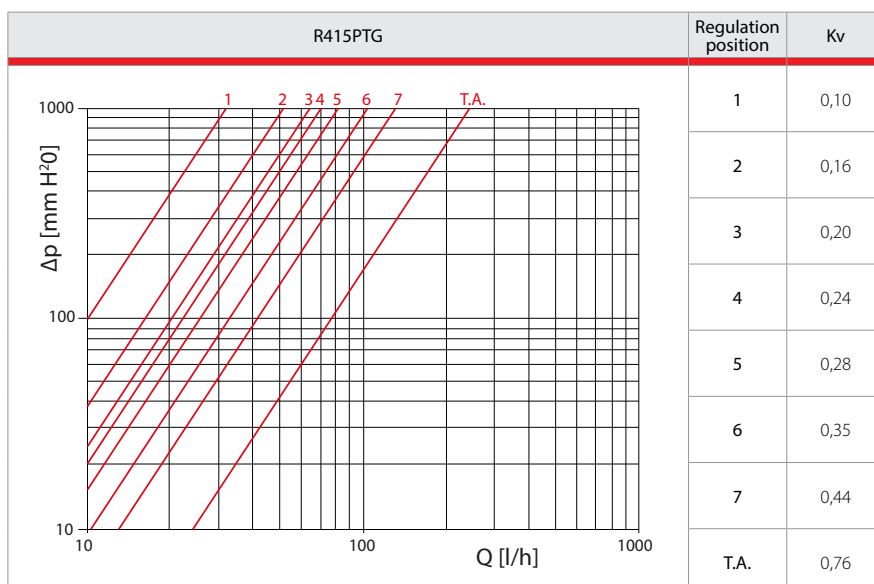
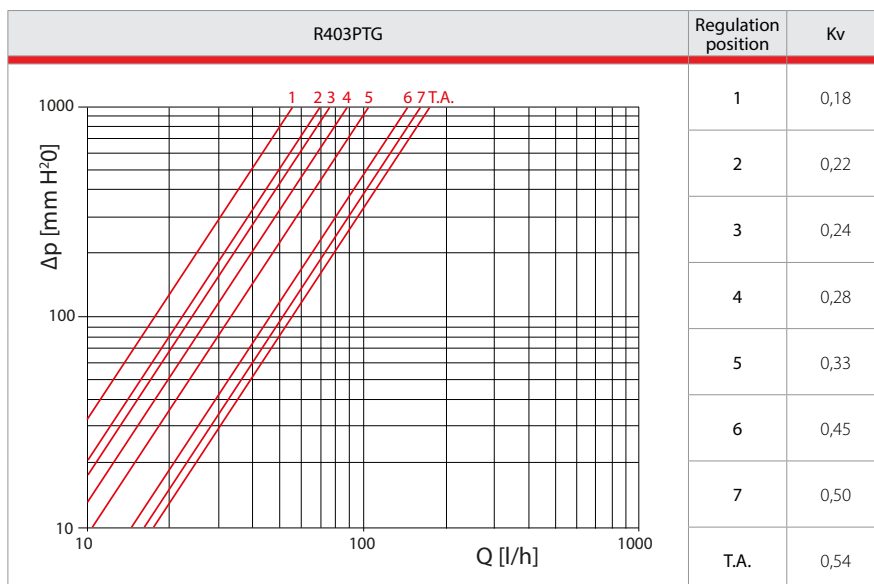
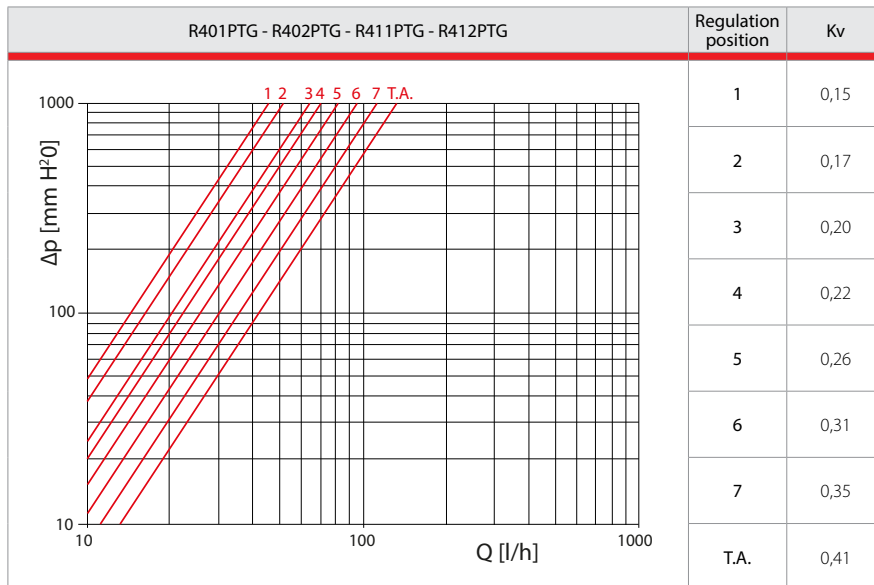
LEFT version: frontal thermostatic head connection and supply from below; valve to the left of the radiator.



RIGHT version: frontal thermostatic head connection and supply from below; valve to the right of the radiator.


Losses of Pressure

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





Dimensions

R401PTG			R402PTG			R403PTG					
						ADAPTOR CONNECTION IRON CONNECTION					
R411PTG			R412PTG			R415PTG					
Connection	Product code	GxB	H [mm]	I [mm]	I' [mm]	J [mm]	K [mm]	L [mm]	L' [mm]	M [mm]	W [mm]
iron pipe	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
	R403PX052	3/8" x 3/8" (SX)	43	50	57	27	27	65	71	23	30
	R403PX054	1/2" x 1/2" (SX)	43	50	57	27	27	65	71	23	30
	R403PX062	3/8" x 3/8" (DX)	43	50	57	27	27	65	71	23	30
	R403PX064	1/2" x 1/2" (DX)	43	50	57	27	27	65	71	23	30
adaptor for copper, plastic, multilayer pipe	R411PX032	3/8" x 16mm	57	53	-	21	-	66	-	23	30
	R411PX033	1/2" x 16mm	57	53	-	21	-	66	-	23	30
	R412PX032	3/8" x 16mm	61	51	-	17	-	75	-	23	30
	R412PX033	1/2" x 16mm	61	51	-	17	-	75	-	23	30
	R403PX024	1/2"x18mm(SX)	41	50	58	24	-	63	71	23	30
	R403PX034	1/2"x18mm(DX)	41	50	58	24	-	63	71	23	30
	R415PX042	1/2" x 16mm	53	45	-	36	-	95	-	23	30

* New version interchangeable with TG-series body valves



Product specifications

R401PTG

Valve with thermostatic option and presetting, 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).

R402PTG

Valve with thermostatic option and presetting, 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).

R403PTG

Valve with thermostatic option and presetting, double angled, chrome-plated, with iron pipe connection or connection for adaptor for copper / plastic / multilayer 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).

R411PTG

Valve with thermostatic option and presetting, angled, chrome-plated, with connection for adaptor for copper / plastic / multilayer 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).

R412PTG

Valve with thermostatic option and presetting, straight, chrome-plated, with connection for adaptor for copper / plastic / multilayer 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).

R415PTG

Valve with thermostatic option and presetting, reverse angled, chrome-plated, with connection for adaptor for copper / plastic / multilayer 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).

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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