

1-800-GRAINGER (472-4643)

Temperature Regulators & Pressure Valves

Self-Contained Temperature Regulators

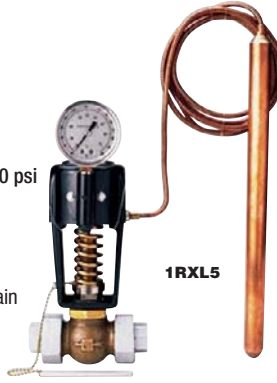


Self-operated, 2-way regulators control temperature of water, steam, or other liquid systems without electricity. Thermal system assembly with gauge, 8" bronze capillary. 1" NPT male union bushing. Adjusting screw and calibration scale allow easy setting. Bronze construction with steel springs and seats. Direct-acting valves are used for heating and are normally open; reverse-acting valves are used for cooling and are normally closed. Galvanized FNPT union end connections. Suitable for heat exchangers, kettles, building heat, bottle-washing machinery, plating tanks, heating ducts, cooking vats, and parts washers.

REPLACEMENT THERMOWELLS

- Inlet connection: 1" MNPT
- Max. pressure: 250 psi
- Max. temp.: -25° to 400°F

Allow for removal of temperature probe without having to drain contents from tank.



1RX15



3EJJ6

Pipe Size	Max. Pressure	Sensor Length	Overall Width	Overall Height	Temp. Range	Direct Acting Temperature Regulator		Reverse Acting Temperature Regulator	
						Mfr. Model	Item No.	Mfr. Model	Item No.
½"	250 psi	13 ¾ in	5 ½ in	12 ¾ in	120° to 230°F	2010AC-GOK	1RXN2	2020AC-GOK	1RXP5
						2010AC-GQD	1RX15	2020AC-GQD	1RXN8
¾"	90 psi	13 ¾ in	5 ½ in	12 ¾ in	120° to 230°F	2010TD-GOK	1RXN3	2020TD-GOK	1RXP6
						2010TD-GQD	1RX16	2020TD-GQD	1RXN9
1"	65 psi	13 ¾ in	7 ¾ in	15 ¼ in	120° to 230°F	2010TE-GOK	1RXN4	2020TE-GOK	1RXP7
						2010TE-GQD	1RX17	—	—
1¼"	40 psi	13 ¾ in	8 ¾ in	15 ½ in	120° to 230°F	2010TF-GOK	1RXN5	2020TF-GOK	1RXP8
						2010TF-GQD	1RX18	2020TF-GQD	1RXP2
1½"	30 psi	13 ¾ in	8 ¾ in	15 ½ in	120° to 230°F	2010TG-GOK	1RXN6	—	—
						2010TG-GQD	1RX19	2020TG-GQD	1RXP3
2"	20 psi	13 ¾ in	8 ¾ in	15 ½ in	120° to 230°F	2010TH-GOK	1RXN7	—	—
						2010TH-GQD	1RXN1	2020TH-GQD	1RXP4
						Insertion Length		Item No.	
Brass						10 ½ in	—	3EJJ6	—
Stainless Steel						12 ½ in	—	3EJJ8	—
						10 ½ in	—	3EJJ7	—
						12 ½ in	—	3EJJ9	—



Lead-Free Pressure-Reducing Valves—25 AUB Series

5DMA4



- Max. pressure: 300 psi
- Max. temp.: 160°F

Union inlet connection, integral stainless steel strainer, and temp.-resistant reinforced EPDM diaphragm for hot water. Certified for use in potable water applications. All meet ASSE 1003, CSA B356, and are IAPMO Listed, except 26X116 is IAPMO Listed only. 5DMA4 to 5DMA9, 5DMC0, and 26X116 meet Southern Plumbing Code and Mil. Spec. MIL-V-18146B Type I, except 26X116 meets the Mil. Spec. only. 5DMA4 to 5DMA8 meet CSA B356, Southern Plumbing Code, and Mil. Spec. MIL-V-18146B Type I. 5DMA4 to 5DMC0 and 26X116 meet ANSI A112.26.

Pipe Size	Connec. Type	Pressure Adjustment Range	
		25 to 75 psi Item No.	75 to 125 psi Item No.
½"	FIP	—	26X116
	FNPT Union x FNPT	5DMA4	—
¾"	FNPT x FNPT	25CC96	—
	FNPT Union x FNPT	5DMA5	—
1"	FNPT x FNPT	25CC97	25CD03
	FNPT x FNPT	25CC98	25CD04
1¼"	FNPT Union x FNPT	5DMA8	—
	FNPT x FNPT	25CC99	—
1½"	FNPT Union x FNPT	5DMA9	—
	FNPT x FNPT	25CD01	—
2"	FNPT Union x FNPT	5DMC0	—
	FNPT x FNPT	25CD02	—



6KJ91

26X107



High- and Super-Capacity Water Pressure-Reducing Valves

- Adjustable range: 25 to 75 PSI
- Preset pressure: 50 psi

Feature an enlarged diaphragm and orifice and a spring cage to handle high capacities. FNPT connections. Lead-Free valves are certified for use in potable water applications.

APOLLO, SUPER-CAPACITY

- Max. inlet pressure: 400 psi
- Max. temp.: 180°F

With built-in thermal expansion bypass, adjusting screws, nut, cap bolts, and easy access for maintenance/repair. Meet ASSE 1003, ANSI A112.26.2, CSA B356, and IAPMO.

APOLLO, SUPER-CAPACITY LEAD FREE

- Max. pressure: 400 psi
- Max. temp.: 180°F

Use to reduce incoming water pressure to help protect plumbing system components and reduce water consumption. Feature built-in thermal expansion bypass. Meet ASSE 1003, CSA B356, and NSF/ANSI 372.

WATTS

- Max. pressure: 300 psi
- Max. temp.: 160°F

Meet ASSE 1003, ANSI A112.26.2, IAPMO, Mil. Spec. MIL-V-18146B, and CSA B356.

Pipe Size	APOLLO Super Capacity Valve Type, Bronze		APOLLO Super Capacity Valve Type, Lead Free Bronze		WATTS Super Capacity Valve Type, Lead Free Brass		WATTS Lead Free Brass Item No.
	Item No.	Item No.	Item No.	Item No.	Item No.		
½ in	6KJ91	40D793	—	5DMC1	—	26X107	—
¾ in	6KJ92	40D794	—	5DMC2	—	26X108	—
1 in	6KJ93	40D795	—	5DMC3	—	26X109	—
1 ¼ in	6KJ94	40D796	—	5DMC4	—	26X110	—
1 ½ in	6KJ95	40D797	—	5DMC5	—	26X111	—
2 in	6KJ96	40D798	—	5DMC6	—	26X112	—
2 ½ in	—	40D799	—	—	—	26X113	—
3 in	—	40D801	—	—	—	26X114	—



Lead-Free, High-Capacity Water Pressure-Reducing Valves—U5B/127W Series

- Max. pressure: 300 psi

U5B Series—All have stainless steel strainer (except 25CC94 and 25CC95), and built-in thermal expansion bypass with check valve. Lead-free brass construction. Certified for use in potable water applications and meet CSA B356 and ASSE 1003. All models are IAPMO Listed, except 26X115. Meet Southern Standard

Plumbing Code, except 25CC94, 25CC95, and 26X115. Meet ANSI A112.26, except 25CC94 and 25CC95.

127W Series—Feature a high temperature-resisting diaphragm, interchangeable diaphragm chamber, and replaceable stainless steel seat and stem. Lead-free iron construction, except 36JA73 is lead-free copper silicon alloy.

Pipe Size	H	Connec. Type	Pressure Adjustment Range						
			10 to 35 psi Preset Pressure	Max. Settings	Temp.	Item No.			
½ in	5 ½ in	FNPT x FNPT	30 psi	180 °F	25CC94	5 ½ in FNPT Union x FNPT	50 psi	160 °F	5DLZ4
¾ in	6 ¾ in	FNPT x FNPT	30 psi	180 °F	25CC95	6 ¾ in FNPT Union x FNPT	50 psi	160 °F	5DLZ5
1 in	7 ¾ in	FNPT Union x FNPT	20 psi	160 °F	26X115	7 ¾ in FNPT Union x FNPT	50 psi	160 °F	5DLZ6
1 ¼ in	9 ¾ in	FNPT	30 psi	160 °F	38YJ09	8 ¾ in FNPT	50 psi	160 °F	38YJ08
1 ½ in	8 ¾ in	FNPT	30 psi	160 °F	38YJ11	12 ¼ in FNPT	50 psi	160 °F	38YJ10
2 in	12 ¼ in	FNPT	30 psi	160 °F	38YJ13	12 ¼ in FNPT	50 psi	160 °F	38YJ12

Pipe Size	H	Connec. Type	Preset Pressure	Max. Temp.	Pressure Adjustment Range	
					20 to 100 psi Item No.	Item No.
3 in	18 ½ in	FNPT	50 psi	160 °F	—	36JA73
3 in	19 ½ in	Flanged	50 psi	160 °F	—	36JA74
4 in	20 ¾ in	Flanged	50 psi	160 °F	—	36JA75