

Self-Contained Temperature Regulators

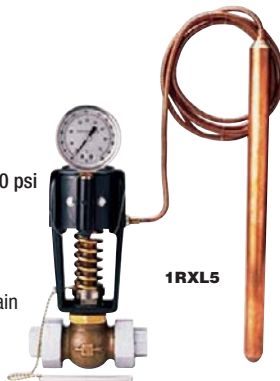


Self-operated, 2-way regulators control temperature of water, steam, or other liquid systems without electricity. Thermal system assembly with gauge, 8" bronze capillary. 1" NPT male union bushing. Adjusting screw and calibration scale allow easy setting. Bronze construction with steel springs and seats. 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.



1RXL5



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 in	250 psi	13 ¾ in	5 ½ in	12 ¾ in	120° to 230°F	2010AC-GOK	1RXN2	2020AC-GOK	1RXP5
		19 in	5 ½ in	12 ¾ in	45° to 140°F	2010AC-GQD	1RXL5	2020AC-GQD	1RXN8
¾ in	90 psi	13 ¾ in	5 ½ in	12 ¾ in	120° to 230°F	2010TD-GOK	1RXN3	2020TD-GOK	1RXP6
		19 in	5 ½ in	12 ¾ in	45° to 140°F	2010TD-GQD	1RXL6	2020TD-GQD	1RXN9
1 in	65 psi	13 ¾ in	7 ¾ in	15 ¼ in	120° to 230°F	2010TE-GOK	1RXN4	2020TE-GOK	1RXP7
		19 in	7 ¾ in	15 ¼ in	45° to 140°F	2010TE-GQD	1RXL7	—	—
1 ¼ in	40 psi	13 ¾ in	8 ¾ in	15 ¼ in	120° to 230°F	2010TF-GOK	1RXN5	2020TF-GOK	1RXP8
		19 in	8 ¾ in	15 ¼ in	45° to 140°F	2010TF-GQD	1RXL8	2020TF-GQD	1RXP2
1 ½ in	30 psi	13 ¾ in	8 ¾ in	15 ¼ in	120° to 230°F	2010TG-GOK	1RXN6	—	—
		19 in	8 ¾ in	15 ¼ in	45° to 140°F	2010TG-GQD	1RXL9	2020TG-GQD	1RXP3
2 in	20 psi	13 ¾ in	8 ¾ in	15 ¼ in	120° to 230°F	2010TH-GOK	1RXN7	—	—
		19 in	8 ¾ in	15 ¼ in	45° to 140°F	2010TH-GQD	1RXN1	2020TH-GQD	1RXP4

Material	Insertion Length	Item No.
Replacement Thermowells		
Brass	10 ½ in	3EJJ6
	12 ½ in	3EJJ8
Stainless Steel	10 ½ in	3EJJ7
	12 ½ in	3EJJ9



Lead-Free Pressure-Reducing Valves—25 AUB Series

- 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 in	FIP	—	26X116
	FNPT Union x FNPT	5DMA4	—
¾ in	FNPT x FNPT	25CC96	—
	FNPT Union x FNPT	5DMA5	—
1 in	FNPT x FNPT	25CC97	25CD03
	FNPT Union x FNPT	25CC98	25CD04
1 ¼ in	FNPT Union x FNPT	5DMA8	—
	FNPT x FNPT	25CC99	—
1 ½ in	FNPT Union x FNPT	5DMA9	—
	FNPT x FNPT	25CD01	—
2 in	FNPT Union x FNPT	5DMC0	—
	FNPT x FNPT	25CD02	—



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.	Item No.	Item No.
Water Pressure Reducing Valve								
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.

5DLZ4

36JA73

Pipe Size	10 to 35 psi Preset Pressure					25 to 75 psi Preset Pressure				
	H	Connec. Type	Settings	Max. Temp.	Item No.	H	Connec. Type	Settings	Max. Temp.	Item No.
U5B Series										
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 ½ in	FNPT x FNPT	30 psi	180 °F	25CC95	6 ½ 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 ¾ 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
									Pressure Adjustment Range 20 to 100 psi	
Pipe Size	H	Connec. Type	Preset Pressure Settings		Max. Temp.			Item No.		
127W Series										
3 in	18 ½ in	FNPT	50 psi	160 °F				36JA73		
3 in	19 ¾ in	Flanged	50 psi	160 °F				36JA74		
4 in	20 ¾ in	Flanged	50 psi	160 °F				36JA75		