

1-800-GRAINGER (472-4643)

T&P Valves, Boiler Feed & Relief Valves



T&P Valves

Max. temp.: 210°F
Provide automatic temperature and pressure protection for hot water heaters and supply tanks. Test lever allows pressure checks during operation. ASME rated, CSA Certified, and meet ANSI Z21.22.

STANDARD SHANK

4P947 meets FHA requirements and Mil. Spec. MIL-V-136-12D, Type 1.

EXTENDED SHANK

Use with water heaters containing thick insulation.



Safety Relief Valves

Nonmechanical seat-to-disc alignment. FNPT connections, except 46A979 is union solder connection.

174A Series—Meet Mil. Spec. MIL-V-136-RD, Type III, as well as ASME, NB, and HV, except 26X179 to 26X195 meet ASME Section IV only.

FILL AND RELIEF

Max. water pressure: 100 psi
Max. temp.: 212°F
Fully adjustable from 10 to 25 lb. Include strainer screen. Cast-iron Body, painted bronze.

374A Series—Forged bronze inlet. Meet Mil. Spec. MIL-V-18634B, Type I, Class 3A, Style A, Bronze Body, as well as ASME.

SAFETY RELIEF

Max. temp.: 250°F
Drain seal eliminates water trapping and sediment fouling. Heat-resistant diaphragm isolates springs and working parts from water during release. Brass springs, Buna N disc.

740A Series—Expanded outlets. Meet Mil. Spec. MIL-V-18634B, Type I, Class 3A, Style A, Bronze Body, as well as ASME, except 26X150 to 26X157, 26X160, and 26X161 meet ASME Section IV only.

Inlet Size	Outlet Size	Inlet Type	Outlet Type	Thermostat Length	Body Height	BTU/H	Pressure	Brand	Mr. Model	Item No.
Standard Shank										
1/2"	1/2"	FNPT	FNPT	3"	6 1/4"	15,000	125 psi	Apollo	18C40129	3EEEX1
		FNPT	FNPT	2 1/4"	5 3/8"	1,912,000	150 psi	Cash Acme	FVX-3C	2XLA3
		FNPT	FNPT	5"	10 7/8"	1,619,000	125 psi	Apollo	18C5125125	3HFG2
		FNPT	FNPT	3"	6"	1,912,000	150 psi	Cash Acme	FVMX-3C	2XLA6
3/4"	3/4"	FNPT	FNPT	3"	6 1/8"	105,000	125 psi	Apollo	18C40229	3EEEX2
		FNPT	FNPT	4"	3 1/2"	100,000	150 psi	Watts	100XL-4	4X563
		FNPT	FNPT	4"	3 1/2"	105,000	125 psi	Watts	3/4 100XL 125	3AZA4
		FNPT	FNPT	4 3/4"	6"	1,912,000	150 psi	Cash Acme	FVMX-5C	2RMY8
		FNPT	FNPT	5"	11"	1,619,000	125 psi	Apollo	18C5115125	3HFG1
		FNPT	FNPT	6"	5 1/2"	670,000	150 psi	Watts	1"140X-6	4P947
1"	1"	FNPT	FNPT	3"	8 3/8"	1,825,000	125 psi	Apollo	18C5213125	3HFG3
		FNPT	FNPT	3 1/4"	6"	2,155,000	150 psi	Cash Acme	FVMX-3C	2XLA4
		FNPT	FNPT	4 3/4"	6"	2,155,000	150 psi	Cash Acme	FVMX-5C	2XLA5
		FNPT	FNPT	4"	10 1/4"	3,070,000	125 psi	Apollo	18C5314125	3HFG4
1 1/4"	1 1/4"	FNPT	FNPT	4"	10 1/4"	3,625,000	150 psi	Apollo	18C5314150	3HFG5
		FNPT	FNPT	4"	11 3/8"	5,125,000	125 psi	Apollo	18C5424125	3HFG6
1 1/2"	1 1/2"	FNPT	FNPT	4"	11 3/8"	6,050,000	150 psi	Apollo	18C5424150	3HFG7
2"	2"	FNPT	FNPT	3"	11 3/8"	5,125,000	125 psi	Apollo	18C5513125	3EEW8
		FNPT	FNPT	3"	11 3/8"	6,050,000	150 psi	Apollo	18C5513150	3EEW9
Extended Shank										
3/4"	3/4"	FNPT	FNPT	2 1/8"	5 1/4"	105,000	150 psi	Watts	LLL100XL	2XE96
		FNPT	FNPT	2 1/2"	6 3/4"	100,000	150 psi	Watts	LLL100XL	2XE95
		FNPT	FNPT	3"	7 1/2"	105,000	125 psi	Apollo	18C402X39	3EEEX3
		FNPT	FNPT	4"	4 1/4"	100,000	150 psi	Watts	L100XL-3	6LMD8

Boiler Feed Valves

- Max. pressure: 100 psi
- Adjustable pressure range: 10 to 25 psi
- Max. temp.: 212°F

Cast-iron valves permit rapid system fill and sustained air purge flow. With strainer screen. Factory set at 15 psi. 46A967 and 46A968 feature a backflow preventer.

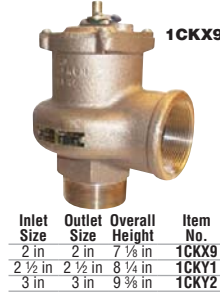


Inlet/Outlet	L	H	Connec. Type	Mr. Model	Item No.
3/2 in	5 3/4 in		MNPT	1156F-A	46A975
3/2 in	5 3/8 in		MNPT	B1156F	46A976
4 1/8 in	5 3/8 in		Female Solder	SB1156F	46A974
4 1/8 in	5 3/8 in		FNPT	TB1156F	46A977
8 1/2 in	5 1/4 in		FNPT and NPT Union	B911-M3	46A967
8 1/2 in	5 1/4 in		FNPT x Sweat Union	B911S-M3	46A968

ASME Section IV Steam Low-Pressure Safety Relief Valves

- Pressure range: 5 to 15 psi; factory preset to 15 psi
- Max. temp.: 250°F

High-capacity valves for medium- and large-size heating boilers. Cast-bronze construction and MNPT x FNPT connections. 3/4" NPT side tapping for drain connection. Suitable for industrial and commercial applications. Meet ASME Section IV, CSA, and CRN.



Inlet Size	Outlet Size	Overall Height	Item No.
2 in	2 in	7 1/8 in	1CKX9
2 1/2 in	2 1/2 in	8 1/4 in	1CKY1
3 in	3 in	9 3/8 in	1CKY2

ASME Section IV Safety Relief Valves

- Pressure range: 15 to 160 psi
 - Max. temp.: 250°F
- Protect against excessive water pressure due to failure of controls to regulate BTU input. High BTU capacity rating. Bronze body and cover. Corrosion-resistant with silicone seat. Fabric reinforced, molded diaphragm isolates spring from water at all times. FNPT connections. Designed for boilers, heating systems, and unfired pressure vessels. Meet ASME Section IV, CSA, and CRN.

Inlet Size	Outlet Size	30 psi Preset Setting		50 psi Preset Setting		75 psi Preset Setting		100 psi Preset Setting		125 psi Preset Setting		150 psi Preset Setting	
		BTU/H	Item No.	BTU/H	Item No.	BTU/H	Item No.	BTU/H	Item No.	BTU/H	Item No.	BTU/H	Item No.
3/4 in	3/4 in	827,000	1CKV5	1,209,000	1CKV6	1,686,000	1CKV7	2,162,000	1CKV8	2,639,000	1CKV9	3,116,000	1CKW1
1 in	1 in	1,339,000	1CKW2	1,956,000	1CKW3	2,728,000	1CKW4	3,500,000	1CKW5	4,272,000	1CKW6	5,044,000	1CKW7
1 1/4 in	1 1/4 in	2,316,000	6KJ72	3,384,000	1CKW8	4,720,000	6KJ73	6,055,000	1CKW9	7,390,000	6KJ74	8,725,000	6KJ75
1 1/2 in	1 1/2 in	3,151,000	6KJ76	4,604,000	1CKX1	6,421,000	6KJ77	8,238,000	1CKX2	10,054,000	6KJ78	11,871,000	6KJ79
2 in	2 in	5,193,000	6KJ80	7,589,000	1CKX3	10,583,000	6KJ81	13,577,000	1CKX4	16,571,000	6KJ82	19,565,000	6KJ83

