



## 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.



**Standard Shank 2XLA3**

**Extended Shank 3EEX3**

Inlet Size	Outlet Size	Inlet Type	Outlet Type	Thermostat Length	Body Height	BTU/H	Factory Set Pressure	Brand	Mr. Model	Item No.
<b>Standard Shank</b>										
1/2 in	1/2 in	FNPT	FNPT	3 in	6 1/4 in	15,000	125 psi	Apollo	18C40129	3EEX1
		FNPT	FNPT	2 1/2 in	5 9/16 in	1,912,000	150 psi	Cash Acme	FVX-3C	2XLA3
		FNPT	FNPT	5 in	10 1/4 in	1,619,000	125 psi	Apollo	18C5125125	3HFG2
		FNPT	FNPT	3 in	6 in	1,912,000	150 psi	Cash Acme	FVMX-3C	2XLA6
3/4 in	3/4 in	FNPT	FNPT	3 in	6 1/4 in	105,000	125 psi	Apollo	18C40229	3EEX2
		FNPT	FNPT	4 in	3 1/2 in	100,000	150 psi	Watts	100XL-4	4X563
		FNPT	FNPT	4 in	3 1/2 in	105,000	125 psi	Watts	100XL-125	3AZ44
		FNPT	FNPT	4 1/4 in	6 in	1,912,000	150 psi	Cash Acme	16934-0150	2RM78
		FNPT	FNPT	5 in	11 in	1,619,000	125 psi	Apollo	18C5115125	3HFG1
		FNPT	FNPT	6 in	5 1/2 in	670,000	150 psi	Watts	1140X-6	4P947
		FNPT	FNPT	3 in	8 1/4 in	1,825,000	125 psi	Apollo	18C5213125	3HFG3
1 in	1 in	FNPT	FNPT	3 1/4 in	6 in	2,155,000	150 psi	Cash Acme	FVMX-3C	2XLA4
		FNPT	FNPT	4 1/4 in	6 in	2,155,000	150 psi	Cash Acme	16939-0150	2XLA5
1 1/4 in	1 1/4 in	FNPT	FNPT	4 in	10 1/4 in	3,070,000	125 psi	Apollo	18C5314125	3HFG4
		FNPT	FNPT	4 in	10 1/4 in	3,625,000	150 psi	Apollo	18C5314150	3HFG5
		FNPT	FNPT	4 in	11 1/4 in	5,125,000	125 psi	Apollo	18C5424125	3HFG6
1 1/2 in	1 1/2 in	FNPT	FNPT	4 in	11 1/4 in	6,050,000	150 psi	Apollo	18C5424150	3HFG7
		FNPT	FNPT	3 in	11 1/4 in	5,125,000	125 psi	Apollo	18C5513125	3EEW8
2 in	2 in	FNPT	FNPT	3 in	11 1/4 in	6,050,000	150 psi	Apollo	18C5513150	3EEW9
<b>Extended Shank</b>										
3/4 in	3/4 in	FNPT	FNPT	2 1/2 in	5 1/4 in	105,000	150 psi	Watts	LLL100XL	2XE96
		FNPT	FNPT	2 in	6 3/4 in	100,000	150 psi	Watts	LL100XL	2XE95
		FNPT	FNPT	3 in	7 1/2 in	105,000	125 psi	Apollo	18C402X39	3EEX3
		FNPT	FNPT	4 in	4 1/4 in	100,000	150 psi	Watts	L100XL-3	6LM08

## 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		FNPT	1156F-A	46A975
3/2 in	5 3/4 in		FNPT	B1156F	46A976
4 3/4 in	5 3/4 in		Female Solder	SB1156F	46A974
4 3/4 in	5 3/4 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 1/2 in	1CKX9
2 1/2 in	2 1/2 in	8 1/4 in	1CKY1
3 in	3 in	9 3/4 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 Item No.	50 psi Preset Setting Item No.	75 psi Preset Setting Item No.	100 psi Preset Setting Item No.	125 psi Preset Setting Item No.	150 psi Preset Setting 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

## Safety Relief Valves



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

### 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.

### 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.

**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.

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

**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	Overall Length	Overall Height	BTU/H	Factory Set Pressure	Mr. Model	Item No.
<b>Fill and Relief</b>							
1/2 in	1/2 in	6 1/2 in	5 1/2 in	—	15 psi	1450F	4A822
		7 in	—	—	30 psi	S1450F	46A979
<b>Safety Relief Valve—174A Series</b>							
				650,000	30 psi	174 A-3/4"	2P074
				950,000	50 psi	3/4 174A-050	26X179
				1,320,000	75 psi	3/4 174A-075	26X180
3/4 in	3/4 in	2 1/2 in	5 1/2 in	1,695,000	100 psi	3/4 174A-100	26X181
				2,070,000	125 psi	3/4 174A-125	26X182
				2,445,000	150 psi	3/4 174A-150	26X183
				1,470,000	50 psi	1 174A-050	26X184
				2,055,000	75 psi	1 174A-75	4U068
1 in	1 in	3 in	5 3/4 in	2,635,000	100 psi	1 174A-100	4U069
				3,215,000	125 psi	1 174A-125	4U070
				3,795,000	150 psi	1 174A-150	26X185
				1,682,000	30 psi	1 1/4 174 A	3AZ09
				3,429,000	75 psi	1 1/4 174A-075	26X187
1 1/4 in	1 1/4 in	4 3/4 in	8 3/4 in	4,399,000	100 psi	1 1/4 174A-100	26X188
				5,370,000	125 psi	1 1/4 174A-125	26X189
				6,340,000	150 psi	1 1/4 174A-150	26X186
1 1/2 in	1 1/2 in	4 1/2 in	9 in	7,630,000	150 psi	1 1/2 174A-150	26X190
				3,815,000	30 psi	2 174 A	3AZ22
				5,575,000	50 psi	2 174A-050	26X191
2 in	2 in	6 1/4 in	11 1/2 in	7,770,000	75 psi	2 174A-075	26X192
				9,970,000	100 psi	2 174A-100	26X193
				12,170,000	125 psi	2 174A-125	26X194
				14,370,000	150 psi	2 174A-150	26X195
<b>Safety Relief Valve—374A Series</b>							
3/4 in	3/4 in	2 1/2 in	3 3/4 in	550,000	30 psi	3/4 374 A	3AZD6
<b>Safety Relief Valve—740A Series</b>							
				925,000	30 psi	3/4 740	3AZD1
3/4 in	1 in	3 in	5 1/2 in	1,352,000	50 psi	3/4 740-050	26X150
				1,886,000	75 psi	3/4 740-075	26X151
				1,300,000	30 psi	1 740	3AZD2
1 in	1 1/4 in	3 1/2 in	7 1/4 in	1,899,000	50 psi	1 740-050	26X152
				2,649,000	75 psi	1 740-075	26X153
				2,105,000	30 psi	1 1/4 740	3AZD3
1 1/4 in	1 1/2 in	4 1/2 in	8 3/4 in	3,075,000	50 psi	1 1/4 740-050	26X154
				4,285,000	75 psi	1 1/4 740-075	26X155
				2,900,000	30 psi	1 1/2 740	3AZD4
1 1/2 in	2 in	5 1/4 in	9 1/4 in	4,237,000	50 psi	1 1/2 740-050	26X156
				5,909,000	75 psi	1 1/2 740-075	26X157
				5,250,000	30 psi	2 740	3AZD5
2 in	2 1/2 in	6 3/4 in	11 1/2 in	7,672,000	50 psi	2 740-050	26X160
				10,700,000	75 psi	2 740-075	26X161



**1CKV5**