

SAFETY & RELIEF VALVES

Hot Water Relief Valves

RVW 10 (10) SERIES



SECTION IV ASME HOT WATER RELIEF VALVES

These capacity-certified relief valves protect against excessive water pressure (from thermal expansion) and steam generated when Btu input controls fail. Valves comply with ASME Section IV requirements. Ideal for use with hot water boilers and heating systems.

FEATURES

- Pressures from 20 to 150 psig
- Brass or bronze body available with optional satin or polished chrome finish
- Maximum temperature service: 250°F
- 10-321 in polished chrome only
- Stainless steel springs
- 10-624/634 are high capacity safety relief valves ideal for OEM applications
- 10-418/417 are ideal for use in swimming pool heater applications
- Registered in all Canadian Provinces and Territories, CRN #0G8547.5C



10-102
10-303



10-104
10-301



10-321



10-407(30#)
10-417



10-408 (30#)
10-418



10-624
(Male inlet)
10-634
(Female inlet)

Series Number	Size (in.)		Certified Pressure Range psig	Height (in.)	Wt./100 (lbs.)	*Certified Capacity			
	Inlet NPT	Outlet NPT				30 psig	40 psig	50 psig	75 psig
10-102	3/4 F	1 F	20-60	3.31	105	710,000	870,000	1,035,000	-
10-104	3/4 M	1 F	20-60	3.75	109	710,000	870,000	1,035,000	-
10-301	3/4 M	3/4 F	20-60	3.75	114	550,000	675,000	805,000	-
10-303	3/4 F	3/4 F	20-60	3.31	115	550,000	675,000	805,000	-
10-321	3/4 M	3/4 F	20-60	3.75	123	425,000	525,000	625,000	-
10-407	3/4 M	3/4 F	30	3.00	62	535,000	-	-	-
10-408	3/4 F	3/4 F	30	2.75	65	535,000	-	-	-
10-417	3/4 M	3/4 F	20-80	3.00	62	477,000	587,000	697,000	972,000
10-418	3/4 F	3/4 F	20-80	2.75	65	477,000	587,000	697,000	972,000

* National Board Capacity Certified – BTU Per Hour (90% of actual capacity at 10% accumulation).
ASME boiler and pressure vessel code – Section IV – Heating Boilers

Series Number	Size (in.)		Certified Pressure Range psig	Height (in.)	Wt./100 (lbs.)	*Certified Capacity				
	Inlet NPT	Outlet NPT				30 psig	75 psig	100 psig	125 psig	150 psig
10-624	3/4 M	3/4 F	30-150	4.62	106	689,000	1,405,000	1,802,000	2,199,000	2,597,000
10-634	3/4 F	3/4 F	30-150	4.62	106	689,000	1,405,000	1,802,000	2,199,000	2,597,000

Note: To order 10-620 series add pressure set point to the end of base number (i.e. 10624150=150 psig).

SUFFIX KEY (Excluding 10-624 and 10-634)

Pressure psig	Plain Brass	Satin Chrome	Polished Chrome
20	-02	-41	-67
22	-03	-42	-68
25	-04	-43	-69
30	-05	-44	-70
35	-06	-45	-71
40	-07	-46	-72
43	-08	-47	-73
45	-09	-48	-74
50	-10	-49	-75
55	-11	-50	-76
60	-12	-51	-77

Note: When ordering, specify pressure and finish by adding the two digit suffix after the product number, i.e. 10-102-05: 3/4" FNPT x 1" FNPT at 30 psig with plain brass finish.