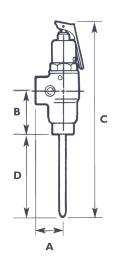


Safety Relief Valves



The 716T protects unvented hot water systems, against both excess pressure

and excess temperature. Increasing

pressure is sensed by the spring, which

automatically opens the relief valve at the pre-set pressure and the integral probe

temperature, safely opening the relief

increases in

independently monitors

valve between 90°C and 95°C.

716T

Bronze Pressure & Temperature Safety Relief Valve For Hot Water BSPT Inlet Threaded



Approvals, Features & Benefits

- WRAS approved
- EN1490/BS6283
- Double safety protection
- Independently tested by BRE
- Manual test lever
- Diaphragm protection
- Set, tested and certified prior to despatch

Pressure & Temperature

Pressure range:-2.4 to 10.3 bar

Temperature range:-Up to 95°C

Lift temperature:-90 to 95°C

DN	20	25	32	40	50		
Inlet Connection	3/4 BSPT Male	1 BSPT Male	1¼ BSPT Male	1 ¹ / ₂ BSPT Male	2 BSPT Male		
Outlet Connection	3/4 BSPP Female	1 BSPP Female	1 BSPP Female*	1½ BSPP Female	2 BSPP Female		
Α	38	40	44	63	63		
В	62	53	50	68	75		
С	262	262	259	271	280		
D	113	121	99	80	65		
Weight Kg	0.60	0.75	1.20	2.00	2.00		

* Note DN32 valve has a 1" BSPP outlet.

Temperature Rating in kW					
DN	20	25	32	40	50
kW	44	70	80	173	184
kW (BSEN 1490)	25	50	75	100	-

Pressu	Pressure Rating in kW (set pressure in bar)										
DN	2.4	2.5	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	10.3
20	166	171	196	246	296	345	395	445	495	545	560
25	186	192	220	277	323	389	445	502	558	614	631
32	315	324	371	466	560	655	749	844	939	1033	1062
40	524	540	619	777	935	1093	1251	1409	1567	1725	1773
50	631	650	745	935	1125	1315	1505	1695	1885	2075	2132

To convert kW to Btu/hr multiply by 3400. The temperature probe will safely open the relief valve at 90°C to 95°C. The kW rating shown has been calculated in accordance with BS6759 pt 1 and ASME IV.

MATERIALS		
Body	Bronze	
Spring Cover	Plastic	
Internals	DZR Brass	
Trim	Silicone	