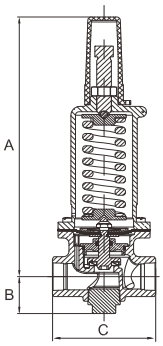
Pump casing relief valve

Pump casing relief valve is a direct-acting, spring loaded, diaphragm type small relief valve used to relieve pressure build-up in a sprinkler system or in valve trim. The bottom plug can be removed and converted globe to angle type.



- Certificate: UL Listed / FM Approved
- Standard: UL 1478A, NFPA 13 / 20
- Connection: Threaded NPT
- Temperature: Max 82°C, water or air
- W. pressure: 300 psi
- Surface: Rough bronze



Main parts and material

Body	Cast bronze UNS C87850, or SS	**Cover**	Cast bronze UNS C87850
Trim	SS 303	**Rubber**	Buna-N synthetic rubber

Available size (Source 1 with UL/FM)

Size		Adjustable pressure setting (psi)	A (mm)	Connection	Working pressure (psi)	Ref. No.
Inch	DN					
1/2"	15	10 ~ 75	171	NPT, F	300	U3501 (UL/FM)
1/2"	15	20 ~ 200	171	NPT, F	300	U3502 (UL/FM)
1/2"	15	100 ~ 300	235	NPT, F	300	U3503 (UL/FM)
3/4"	20	10 ~ 75	171	NPT, F	300	U3504 (UL/FM)
3/4"	20	20 ~ 200	171	NPT, F	300	U3505 (UL/FM)
3/4"	20	100 ~ 300	235	NPT, F	300	U3506 (UL/FM)
1"	25	20 ~ 75	216	NPT, F	300	U3507 (UL)
1"	25	40 ~ 200	216	NPT, F	300	U3508 (UL)
1"	25	100 ~ 300	216	NPT, F	300	U3509 (UL)

Note:
1. For FM Approved, the adjustable pressure setting of 1/2" and 3/4" is 0 ~ 75 psi, 20 ~ 200 psi, 100 ~ 300 psi, 20 ~ 300 psi.
2. As factory preset, the relief pressure is set at 50 psi for 0 ~ 75 range, 60 psi for 20 ~ 200 range, 100 psi for 100 ~ 300 range.

Pump casing relief valve

Available size (Source 2 with FM)

Size		Adjustable pressure setting (psi)	A (mm)	Connection	Working pressure (psi)	Ref. No.
Inch	DN					
1/2"	15	175 ~ 310	61	NPT, M x F	300	U3511 (FM)

Note: As factory preset, the relief pressure is set at 200 psi for 175 ~ 310 range.