

Sizing data information **REQUIRED** to properly size pressure/safety relief valves

Normal State	STEAM (applications)	GAS (applications)	LIQUID (applications)
1. Tag Number (if applicable)	1.	1.	1.
2. RUPTURE Disc (Yes OR No):	2.	2.	2.
3. GAG (Yes OR No):	3.	3.	3.
4. Lever (Yes OR No) If YES: Plain or Packed Lever:	4.	4.	4.
5. Fluid Name:	5.	5.	5.
6a. Inlet Size (inches):	6a.	6a.	6a.
6b. Inlet connection (Flange OR Threaded): *(IF Flg: Rating# OR Thread: (mnpt / fnpt)	6b.	6b.	6b.
7a. Outlet Size (inches):	7a.	7a.	7a.
7b. Outlet connection (Flange OR Threaded): *(IF Flg: Rating# OR Thread: (mnpt / fnpt)	7b.	7b.	7b.
8. ASME Code (V-Sect I OR UV-Sect VIII):	8.	8.	8.
9. Material (Body):	9.	9.	9.
10. Material (Trim):	10.	10.	10.
11. Seat (metal OR Oring Seat Material):	11.	11.	11.
12. Operating Pressure (Yes OR No):	12. (psig)	12. (psig)	12. (psig)
13. Set Pressure (psig):	13. (psig)	13. (psig)	13. (psig)
14a. Back Pressure (Yes OR No):	14a.	14a.	14a.
14b. IF Back Pressure YES: (Constant or Variable):	14b.	14b.	14b.
14c. Superimposed Min. Back Press. (psig):	14c. (psig)	14c. (psig)	14c. (psig)
14d. Superimposed Max. Back Press. (psig):	14d. (psig)	14d. (psig)	14d. (psig)
14e. Built Up Back Press. (psig):	14e. (psig)	14e. (psig)	14e. (psig)
15. Operating Temperature (deg.F):	15. (deg. F)	15. (deg. F)	15. (deg. F)
16. Relieving Temperature (deg.F):	16. (deg. F)	16. (deg. F)	16. (deg. F)
17. Design Temperature MIN (deg.F):	17. (deg. F)	17. (deg. F)	17. (deg. F)
18. Design Temperature MAX (deg.F):	18. (deg. F)	18. (deg. F)	18. (deg. F)
19. Fire Sizing (Yes OR No):	19.	19.	19.
20. Required Capacity:	20. (SFFM)	20. (SFFM)	20. (GPM)
21. Molecular weight (M):	21. (M)	21. (M)	21. Density (Lbs/cu Ft.):
22. Specific Heat Ratio (k):	22. (k)	22. (k)	22. Specific Gravity (G):
23. Compressibility (Z):	23. (z)	23. (z)	23. Viscosity (cP,SSU, OR CST):