

## **Gas Expansion Due to Fire PRV Sizing Information Sheet**

## MERCER VALVE CO., INC.®

AUTO SEAT TECHNOLOGY®

Contact Name:	Phone:
Company:	Fax:
Location:	
Tag/PSV No.:	
	the units used for each field.
1. Vessel Data   Vessel Diameter:	→ Threaded: —
3. Operating Data	
Operating Pressure:	➤ Allowable Overpressure (up to 21% MAWP):
> Set Pressure:	➤ Known Inlet Pressure Drop:
Atmospheric Pressure:	Operating Temperature:
<ul> <li>Back Pressure:         <ul> <li>Constant Superimposed:</li> <li>Built-up:</li> </ul> </li> <li>Fluid Data</li> <li>Gas/Vapor Name:</li> </ul>	
➤ Does This Require Sour Service Trim?: ☐ Yes	
Compressibility Factor Z:	
Molecular Weight:	
Ratio of Specific Heats:	• • • • • • • • • • • • • • • • • • • •

