

# Pressure Relief Valves

Engineered from aluminum, our pressure relief valves provide reliable protection against surge water pressure, ensuring the integrity and longevity of the irrigation and industrial systems.



## HIGHLIGHTS

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- **Connection Size:** Available in 1", 2" & 3" BSP/NPT female threaded connection for versatile compatibility.
- **Durable Construction:** Stainless steel shaft in HT-100, HT-102 MS plated for long-lasting performance.
- **Temperature Resistance:** Tempered springs designed for both high-pressure and low-pressure range settings.
- **User-Friendly Design:** Easy pressure adjustment with accessible pressure ports for precise settings.
- **Quick Response:** Rapid relief of pressure surge to prevent damage to the pipeline/ system enhancing system reliability and efficiency.

## HIGHLIGHTS

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- **Irrigation Systems:** Protect piping systems from surge pressures.
- **Industrial Use:** Suitable for a range of high-pressure applications requiring dependable pressure relief solutions.



## Technical Data

Model No		HT-100 CLM	HT-102 CLF	HT-102 CLM
Connection Size		1"	2"	
Connection Type		BSP/NPT Male Threaded	BSP/NPT Female Threaded	BSP/NPT Male Threaded
Pressure Port Connection		1" BSP/NPT Male Threaded	¼" BSP/NPT Female Threaded	
Cracking Pressure	BAR	1.7-1.9	0.5 - 1.5	
	PSI	25-28	7 - 20	
Pressure Set Range	BAR	2.7-4.1	1.5 - 5.5	
	PSI	40-60	20 - 80	
Factory Set Pressure	BAR	2.9	4.2	
	PSI	42	60	



HT-102CLM HT-102CLF



HT-100CLM

## Technical Data

Model No		HT-102 / HT-102C	HT-102 HP	HT-1023 / HT-1023C
Connection Size		2"		3"
Connection Type		BSP/NPT Female Threaded		
Pressure Port Connection		¼" BSP/NPT Female Threaded		
Cracking Pressure	BAR	0.5 - 1.5		
	PSI	7 - 20		
Pressure Set Range	BAR	1.5 - 8.2	4.2 - 11.3	1.5 - 8.2
	PSI	22 - 120	60 - 160	22 - 120
Factory Set Pressure	BAR	5.5		
	PSI	80		

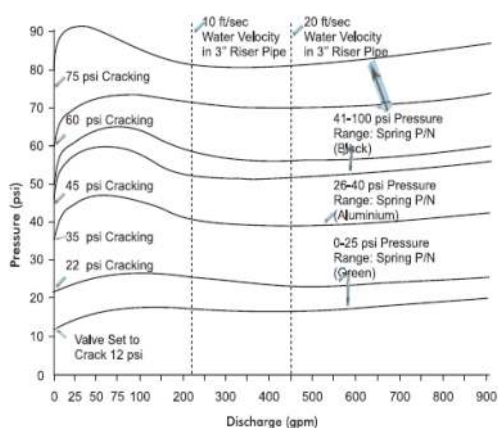


HT-102/103



HT-102C/103C

Pressure Relief Valve Performance Graph



- Notes:
1. Graphs represent actual test results of pressure relief valves that were at Center for Irrigation Technology, Fresno State University Fresno, California.
  2. Performance of individual valves may vary 2-3 P.S.I. from that shown due to spring variations.
  3. Pressure relief valves, meet the requirements specified in SCS specification 430-EE, dated April 1982 & 430-DD dated April 1982