



1" LIQUID RELIEF VALVE

780-7801-1

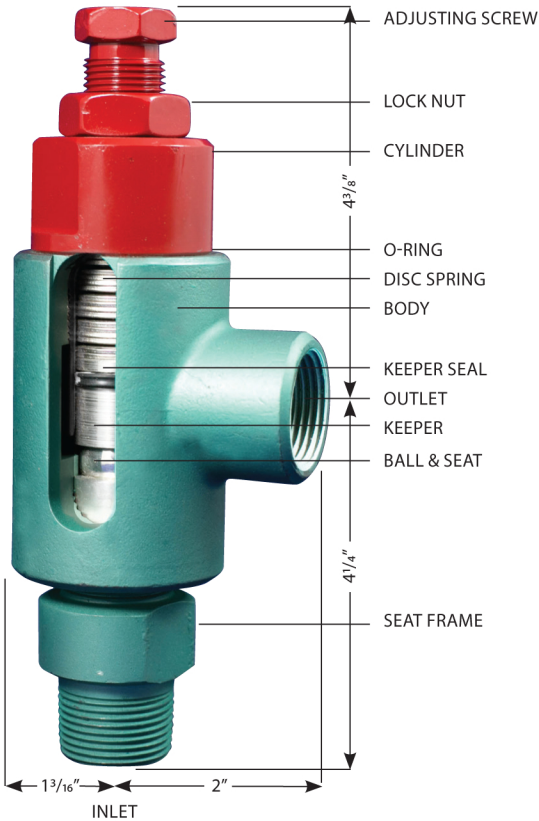
High Pressure

To --- 16,000#

Pressure Control

High Volume

To --- 115 GPM



Designed for protection against over-pressure for vessels, pumps, lines, etc. It is a rugged and versatile valve capable of handling a wide range of pressures.

Body: 1" Carbon Steel or 316SS

Ball & Seat: Sheralloy® Assembly (Cobalt Base Alloy)

Spring: Disc Spring

Inlet: 1" Male NPT, 3/4" Male NPT, 1/2" Female NPT or Auto E

Outlet: 1" Female NPT

Weep Hole: Any flow from weep hole indicates keeper seal is worn and should be replaced.

USE ONLY AS DIRECTED
Do not deviate from Manufacturer's recommended pressure range and mode of installation

CARBON STEEL PART NUMBER	WORKING PRESSURE RANGE	VOLUME (GPM) AT 25% OVER SET PRESSURE	SPRING ARRANGEMENT AND QUANTITY	SEAT ORIFICE DIAMETER
780-7801-1-LLP	50-600#	8-80	Thin 1 X 1 (23)	3/4"
780-7801-1-LP	300-1500#	25-130	Reg 1 X 1 (18)	3/4"
780-7801-1-MP	500-3000#	15-115	Reg 2 X 2 (22)	3/4"
780-7801-1-HP	1000-6000#	Not Verified	Reg 2 X 2 (20)	1/2"
780-7801-1-XHP	1500-10000#	Not Verified	Reg 3 X 3 (21)	1/2"
780-7801-1-SHP	2500-16000#	Not Verified	Reg 3 X 3 (21)	3/8"

MATERIAL SPECIFICATIONS:

- Standard valve is Carbon Steel valve.
- Add "316" to part number for 316 Stainless Steel valve.

Method of Installation →

