

SAFETY & RELIEF VALVES

Cast Iron Flanged Safety Valves

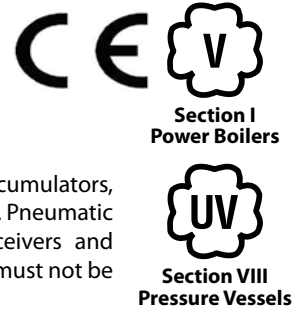
119 SERIES



These flanged, heavy duty and high capacity safety valves are ideal for use on all types of boilers, pressure vessels and pressure piping systems. These ruggedly built valves offer you a cost-saving alternative to conventional steel bodied valves — without compromising quality or performance. These valves feature a top guided design and two control rings to ensure seat tightness, repeatable performance and extended service life. Flow ratings are National Board certified.

ASME Sections I & VIII, for steam, air and gas service

Set pressures to 250 psig at 450°F max
 Flanged inlet sizes 1 1/2" through 6" ANSI 250 lb.
 Threaded inlet sizes 2" through 3" FNPT



APPLICATIONS:

Overpressure protection of steam boilers, deaerators, accumulators, pressure reducing stations and pressure piping systems. Pneumatic conveying equipment, air and gas compressors, receivers and dryers. Per the ASME Code, cast iron safety relief valves must not be used for lethal or flammable fluid service.

FEATURES:

- Metal to metal seating, lapped to optical flatness
- High-capacity semi-nozzle design available in 8 orifice sizes
- Stainless steel wetted trim is standard
- Two control rings assure maximum performance and dependability
- Designed for new installations and replacement of existing valves (high flow rates and face to face dimensions enable direct replacement of most competitive models)
- Designed for ease of service or repair
- Ductile iron caps, forks and levers for added durability
- Registered in all Canadian provinces under CSA B51, CRN OG8547.5C

OPTIONS:

- Drip pan elbows for discharge piping (See pg. 42)
- European pressure equipment directive compliant option (CE/PED)

119 SERIES MODEL NUMBERING SYSTEM

119	K	H	C	A	MAA	0150	Q
SERIES NUMBER	ORIFICE LETTER	INLET (IN.)	CONNECTION	SERVICE	SPECIAL OPTIONS	SET PRESSURE	SUFFIX
119 = Stainless Steel Wetted Trim	The orifice letter from the Capacity Chart (pg. 39-41)	G = 1-1/2 H = 2 J = 2-1/2 K = 3 M = 4 P = 6	A = FNPT x FNPT C = 250# x FNPT D = 250# x 125#	A = Sec I Steam K = Sec VIII Air L = Sec VIII Steam N = Non Code Air P = Non Code Steam	Factory issued letters/numbers (MAA default) MCE = CE/PED	Set Pressure, PSIG (4 digits)	Q = Performance (Calibration) test reports

HOW TO SELECT:

1. Determine the orifice letter that corresponds to your required flow rate from the capacity charts on pages 39-41.
2. Select the inlet x outlet connection options from the list of models available for that orifice from page 38.
3. Enter this base model number into the matrix above. Complete by specifying the Code, service and set pressure requirements.

EXAMPLES:

119 KHC A MAA 0150

2" "K" 3" ASME Section I steam service valve set at 150 psig, with flanged inlet.

119 QPD L MAA 0025

6" "Q" 8" ASME Section VIII steam service valve set at 25 psi, with flanged inlet.