



# 119 SERIES ASME SECTION I & VIII SAFETY VALVE

Job Name:	Contractor:
Job Location:	P.O. Number:
Engineer:	Representative:
Tag:	Wholesale Distributor:

All dims in inches (mm)

## DESCRIPTION

ASME Section I & VIII air and steam capacity certified safety valve for overpressure protection of steam power boilers, deaerators, accumulators, pressure reducing stations and pressure piping systems.

## FEATURES

- ASME Section I & VIII Certified Capacities
- 5 - 250 psig Set Pressures @ 450F max
- 1-1/2" - 6" Class 250 Flanged Inlet Connections
- 2" - 3" FNPT Inlet Connections Available
- Stainless Steel Wetted Trim Standard
- Optically Flat Lapped Metal Seats
- Directive 97/23/EC (PED) Compliance Option
- MADE IN THE USA



## MATERIALS

Body: ASTM A126-B Cast Iron  
 Nozzle/Disc: ASTM A479 Stainless Steel  
 Spring: Stainless Steel or Plated Steel

## CAPACITY, Lb/Hr (Kg/Hr)

National Board Capacity Certified, Section I Steam

Set Pressure PSIG (bar)	15 (1.03)	100 (6.90)	250 (17.24)
J Orifice	1947 (885)	7227 (3285)	16714 (7597)
K Orifice	2761 (1255)	10250 (4659)	23705 (10775)
L Orifice	4286 (1948)	15913 (7233)	36801 (16727)
M Orifice	5410 (2459)	20085 (9129)	46451 (21114)
N Orifice	6522 (2964)	24215 (11006)	56002 (25455)
P Orifice	9592 (4360)	35615 (16188)	82366 (37439)
Q Orifice	16617 (7553)	61698 (28044)	142687 (64857)
R Orifice	24061 (10936)	89336 (40607)	206603 (93910)

## DIMENSIONS

MODEL #	SIZE	INSTALLED HEIGHT
119JGC	1-1/2" 250# x 2-1/2" FNPT	15 (381)
119KHC	2" 250# x 3" FNPT	16 (406)
119KHA	2" FNPT x 3" FNPT	16 (406)
119KJC	2-1/2" 250# x 3" FNPT	16 (406)
119KKC	3" 250# x 3" FNPT	16 (406)
119LJC	2-1/2" 250# x 4" FNPT	22 (558)
119LJA	2-1/2" FNPT x 4" FNPT	22 (558)
119LKC	3" 250# x 4" FNPT	22 (558)
119LMC	4" 250# x 4" FNPT	22 (558)
119MKA	3" FNPT x 4" FNPT	22 (558)
119MKC	3" 250# x 4" FNPT	22 (558)
119MMC	4" 250# x 4" FNPT	22 (558)
119NMD	4" 250# x 6" 125#	28 (711)
119PMD	4" 250# x 6" 125#	28 (711)
119QPD	6" 250# x 8" 125#	42 (1066)
119RPD	6" 250# x 8" 125#	42 (1066)

## ORDER NUMBER

119-Orifice -Inlet -Connection -Service -M -Options -Pressure  
 Example: 119LJCAMAA0250

Orifice  J  K  L  M  
 N  P  Q  R

Inlet  G = 1-1/2"  H = 2"  J = 2-1/2"  
 K = 3"  M = 4"  P = 6"

Connection  A = FNPT x FNPT  
 C = 250# x FNPT  
 D = 250# x 125#

Service  A = ASME (I) STEAM  
 K = ASME (VIII) AIR  
 L = ASME (VIII) STEAM  
 N = NON-CODE AIR  
 P = NON-CODE STEAM

Options  AA = Standard Configuration  
 CE = PED compliant

Set Pressure  (5 - 250 psig)

NOTE: NOT ALL CONFIGURATIONS AVAILABLE TOGETHER

## APPROVALS



ASME Section I Power Boilers  
 ASME Section VIII Div 1 Pressure Vessels  
 Canadian Registration Number 0G8547.5C  
 Pressure Equipment Directive 97/23/EC (PED)

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