



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)

Conbraco Industries, Inc. 701 Matthews Mint Hill Rd. Matthews NC 28105 USA ; www.Apollovalves.com ; 704-841-6000

This specification is provided for reference only. Conbraco reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to Conbraco products previously or subsequently sold.