

# SAFETY AND RELIEF VALVES 29 SERIES

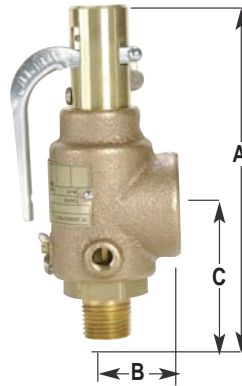
## ASME Section I & VIII Safety Valves 29 Series

### OEM Style Bronze Safety Valves for Steam, Air & Non-Hazardous Gas

Ideally suited for OEM applications where compact size, dependable performance and maximum economy are required. These rugged safety valves feature a top guided design and patented Teflon® "soft-seat" for dramatically reduced seat leakage. Flow ratings are National Board certified.

### FEATURES

- Stainless steel springs are standard
- PFA Teflon® seat resists corrosive boiler chemicals
- Pressure settings from 30 to 200 psig
- Rust proofed steel stem and spring washers
- Lower control ring ensures short, consistent blowdown
- Tapped body drain allows piping of condensate away from equipment
- Reduced repair costs; soft seat easily replaced
- Registered in All Canadian Provinces under CSA B51 CRN #0G8547.5C
- Optional European Pressure Equipment Directive Compliance



Part Number	Size(in.)		Wt./Ea. (lbs.)	Dimensions (in.)		
	Inlet	Outlet		A	B	C
29-102	3/8	1	1.30	5.41	1.25	2.12
29-202	1/2	1	1.33	5.41	1.25	2.12
29-302	3/4	1	1.90	5.41	1.25	2.12
29-303	3/4	1-1/4	3.43	7.25	1.69	2.75
29-402	1	1-1/4	3.43	7.25	1.69	2.75
29-501	1-1/4	1-1/4	3.48	7.25	1.69	2.75

Set Pressure	29-102		29-303	
	29-202	29-402	29-302	29-501
50	238	479		
75	331	664		
100	423	851		
125	516	1,036		
150	608	1,223		
200	794	1,596		
Approx. 1 psi increments	3.7	7.4		
50	251	504		
75	350	704		
100	448	902		
125	547	1,102		
150	646	1,299		
200	844	1,697		
Approx. 1 psi increments	3.9	8.0		
50	89	180		
75	124	250		
100	159	321		
125	194	391		
150	230	463		
200	300	604		
Approx. 1 psi increments	1.4	2.8		

**ASME Section I Steam**  
Power Boiler "V" steam  
lbs./hr. @ 3% accumulation

**ASME Section VIII Steam**  
Unfired pressure vessels -  
"UV" steam lbs./hr. @ 10%  
accumulation

**ASME Section VIII Air**  
Unfired pressure vessels -  
"UV" air SCFM @ 10% ac-  
cumulation

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	Inlet x Outlet Size	Service	Set Pressure	Options
Bronze body	102 = 3/8" x 1"	A = ASME Sect. I Steam	Set pressure, PSIG (range 30-200 psig)	S = Stainless Steel Wetted Trim (Models 29-202 and 29-303 only) CE - PED Compliant
Brass Trim	202 = 1/2" x 1"	K = ASME Sect. VIII Air		
Teflon® soft seat	302 = 3/4" x 1"	L = ASME Sect. VIII Steam		
	303 = 3/4" x 1-1/4"			
	402 = 1" x 1-1/4"			
	501 = 1-1/4" x 1-1/4"			