

Model 425 Quick Opening Blow Off Valve

The United Brass quick opening boiler blow down valve has been designed for the rugged service of boiler treatment and scale. The cast steel knife gate valve conforms to Class 300 of ANSI B16.34 and disc hardened to Rockwell 60.

- Working Steam Pressure at 500 °F: 650 PSI
- Working Steam Pressure at 100 °F: 750 PSI

ASME Boiler and Pressure Vessel Code Section 1 PG-42.1.12 and Power Piping Code ASME B 31.1 Table 126.1 reference steel valves to ANSI B 16.34

The sliding disc provides a "cleaning" action that keeps the seating area clear of scale and debris.



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| Item # | Size | A | B | C | D | E | Weight |
|---|----------|----------|----------|----------|------|---------|----------|
| <input type="checkbox"/> Model 425 - 1" | 1 in | 5.32 in | 5.32 in | 10.00 in | 60 ° | 3.80 in | 14.00 lb |
| <input type="checkbox"/> Model 425 - 1 1/4" | 1-1/4 in | 5.32 in | 5.32 in | 10.00 in | 60 ° | 3.80 in | 14.00 lb |
| <input type="checkbox"/> Model 425 - 1 1/2" | 1 1/2 in | 8.20 in | 8.20 in | 12.50 in | 60 ° | 4.40 in | 36.00 lb |
| <input type="checkbox"/> Model 425 - 2" | 2 in | 10.50 in | 10.50 in | 18.00 in | 60 ° | 4.80 in | 46.00 lb |

Model 525 Slow Opening Blow Off Valve



Class 300
 ANSI B 16.34
 650 psi Working Steam Pressure @ 500 ° F
 750 psi @ 100 ° F
 100% Pressure Tested
 Threaded Ends
 Epoxy Coated (E-Coat) for Corrosion Reistance
 CRN OCO7135.2, 24, 25, 26
 CRN OEO2171.7, 79, 70, 78, 7AY, 7T, 7N

The United Brass slow opening boiler blow off valve has been designed for the rugged service of boiler treatment and scale. The cast steel knife gate valve conforms to Class 300 of ANSI B16.34 and features a stainless steel seat and disc hardened to Rockwell 60. ASME Boiler and Pressure Vessel Code Sections 1 PG-42.1.122 and Power Piping Code ASME B 31.1 Table 126.1 reference steel valves to ANSI B16.34. The sliding disc provides a cleaning action that keeps the seating area clear of scale and debris.

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| Item # | Ship Weight | Valve Type | Pressure Class | End Connection | Application | Canadian Registration |
|---|-------------|------------|----------------|----------------|-------------|-----------------------|
| <input type="checkbox"/> Model 525 1" Slow Opening Blow Off Valve | 26.0 lb | Gate | 300 WSP | Threaded | Water/Steam | Yes |
| <input type="checkbox"/> Model 525 1 1/4" Slow Opening Blow Off Valve | 26.0 lb | Gate | 300 WSP | Threaded | Water/Steam | Yes |
| <input type="checkbox"/> Model 525 1 1/2" Slow Opening | 40.0 lb | Gate | 300 WSP | Threaded | Water/Steam | Yes |

Blow Off
Valve

Model 525

| | | | | | | | |
|--------------------------|---|---------|------|---------|----------|-------------|-----|
| <input type="checkbox"/> | <u>2" Slow Opening Blow Off Valve</u> | 68.0 lb | Gate | 300 WSP | Threaded | Water/Steam | Yes |
|--------------------------|---|---------|------|---------|----------|-------------|-----|

UNITED BRASS