

**KUNKLE SAFETY AND RELIEF PRODUCTS**

MODEL 930

ASME Section IV "Steam" Standard, "HV," National Board Certified

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**Features**

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- Extra high capacity for industrial, commercial and residential low pressure steam heating boilers.
- Large seat area/guide area ratio, along with disc pivot design ensures optimum valve performance.
- Lapped valve seats for optimum performance.
- Reversible lift lever for "pull-up" or "pull-down" manual testing.
- All adjustments are factory sealed to prevent tampering or disassembly.
- Each Kunkle valve is tested and inspected for pressure setting and leakage.

**Technical data**

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**Pressure and Temperature Limits**

15 psig only [1 barg]  
250°F [121°C]

**Code:****Applications**

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- Low pressure steam heating boilers  
ASME Code Section IV.

KUNKLE SAFETY AND RELIEF PRODUCTS  
MODEL 930

Parts and Materials		
No.	Part Name	Materials
1	Set Screw	SS
2	Nozzle	BRZ B584-C84400 or BRS B283-C48500
3	Disc	BRZ B584-C84400
4	Body	Cast Iron, A126 Class A or B <sup>1</sup>
5	Step Spring	Brass B16
6	Snap Ring	SS, A151
7	Wire and Seal	SS wire and Lead seal
8	Spring	Steel, A231 Aluminum Coated
9 <sup>3</sup>	Compression Screw Guide	BRZ B584-C84400
10	Lever	Steel
11	Lift Washer	Brass, B16
12	Stem	SS, A582-303
13 <sup>2</sup>	Gag Bracket	Aluminum, SB211-6061-T6/Anodized
14 <sup>2</sup>	Threaded Knob	Phenolic/Stl, A108-1018 ZN PL
15 <sup>2</sup>	Washer	Stl, A108-1018 ZN PL
16 <sup>2</sup>	Retaining Washer	Nylon

Note:

1. Finish heat resistant gray primer paint.
2. Gag assembly ships with valve, not installed. Applies only to gag option.
3. Modified with 2 threaded holes for gag assembly. Applies only to gag option.

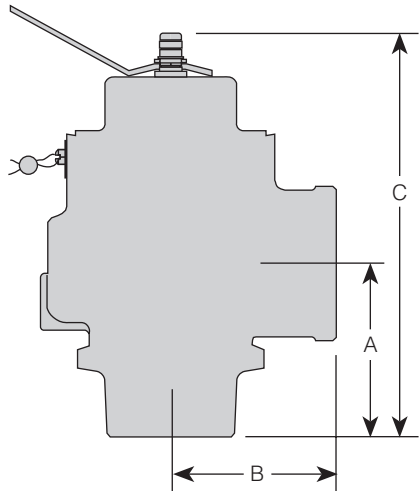
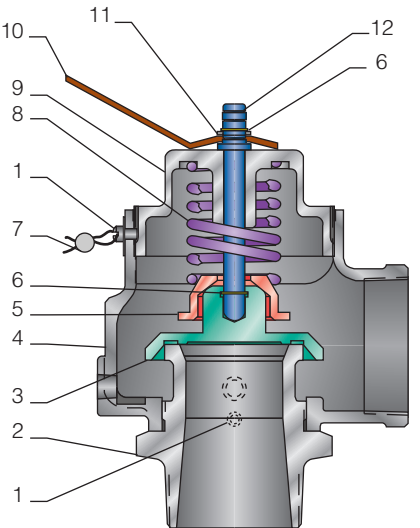
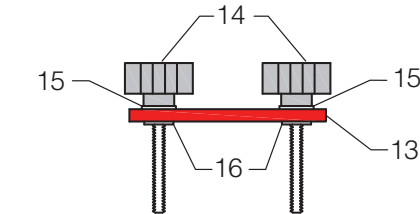
Specifications <sup>1</sup>						
Valve Size	Dimensions, in			Weight lb	Orifice Area in <sup>2</sup>	Capacity lb/h
A	B	C				
2"	3 1/8	3	7 1/4	8	2.16	3164
2 1/2"	3 3/4	3 1/2	8 1/4	12	3.08	4501
3"	4 1/4	4	8 3/4	19	4.75	6949

Dimensions are for reference only.

Note:

1. ASME Section IV Steam (U.S., lb/h): Set Pressure = 15 psig, Flow Coefficient = 0.818

Model Number/Order Guide															
Model Number Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Example	0	9	3	0	—	H	0	1	—	G	C	0	0	1	5
Model	0930														
Inlet Size	H - 2" J - 2 1/2" K - 3"														
Variation	01 - Catalog Standard 02 - With gag														



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