

SERIES 130 SAFETY VALVES

Our Series 130 air/gas and steam safety valves are designed for safety and pressure relief for light and medium capacity applications; where a smaller sized valve is needed. Many are manufactured to meet specific field and OEM applications.

SERIES 130

Top outlet with an open lift lever.
 Temperatures -20°F (-29°C) to 406°F (208°C)
 ASME and National Board Certified for Section VIII as well as CRN Certifications.



SERIES 132

Top outlet with a lift lever and cap.
 Temperatures -20°F (-29°C) to 406°F (208°C)
 ASME and National Board Certified for Section VIII as well as CRN Certifications.



SERIES 133

Side outlet bonnet with a lift lever and a cap.
 Temperatures -20°F (-29°C) to 406°F (208°C)
 ASME and National Board Certified for Section VIII as well as CRN Certifications.



SERIES 135

Side outlet bonnet with a closed cap.
 Temperatures -20°F (-29°C) to 406°F (208°C)
 ASME and National Board Certified for Section VIII as well as CRN Certifications.



Usages: Compressors, Receivers, Gas lines, Steam lines, Air and Gas receivers, Piping system/tanks, Steam cleaners, sterilizers, Autoclaves

- Features:**
- Fixed blow-down
 - Brass/bronze construction
 - Metal-to-metal seating
 - Rugged, yet economical
 - Stainless steel springs
 - Factory set and sealed
 - Excellent seat tightness

- Options:**
- Stainless body and disc
 - Polishing and chrome plating
 - O2 cleaning
 - Variety of inlets/outlets and lift levers or pull ring
 - BSPT connections



Set pressures below 15 psig (1.03 barg) and above 200 psig (13.8 barg) are NON-Code.

Maximum back-pressure is 10% of set pressure or 50 psig (3.45 barg) whichever is less.

Lifting Device as required by the ASME,
 ASME Section VIII: UG136(3)

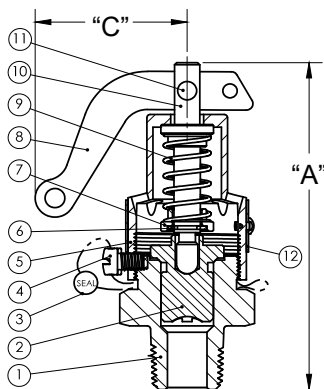
Each pressure relief valve on air, water at the valve inlet that exceeds 140°F (60°C), excluding over-pressure or relief events, or steam service shall have a substantial lifting device which when activated will release the seating force on the disc when the pressure relief valve is subjected to a pressure of at least 75% of the set pressure of the valve.



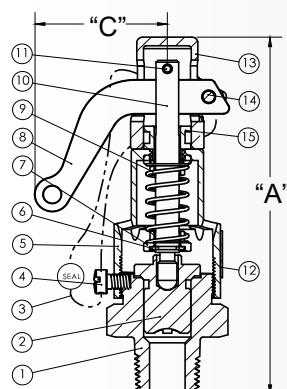
SERIES 130 INFORMATION

SERIES 130 THRU 135 PART NUMBERS

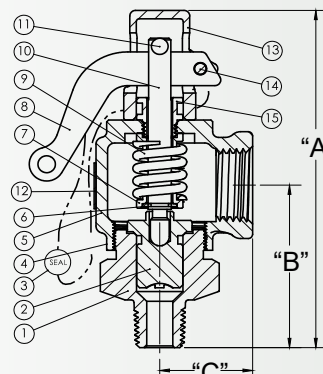
130	B	A	1	M	1	K	1	125
SERIES/DESCRIPTION	INLET/OUTLET	METALS	CONNECTION	SEATING	CAP	SERVICE	OPTIONS	SET
130 Top Outlet w/Lift Lever	A- 1/4" B- 3/8"	A- Brass Bronze	1- NPT MxF 2- NPT FxF	M- Metal	1- Lift lever 2- Closed Cap H- Hood and Lift Lever	K- ASME VIII Air/gas L- ASME VIII Steam N- Non-code Air/gas T- Non-code Steam	1- None 2- Chrome Plating	Ex.125
132 Top Outlet Hood And Lift Lever	C- 1/2"	B- 316 SS Bronze	3- BSPT MxF 4- BSPT FxF				3- O2 Cleaned	
133 Side Outlet Hood And Lift Lever	A- 1/4" x 1/2" B- 3/8" x 1/2"							
135 Side Outlet Closed Cap	C- 1/2" x 1/2"							



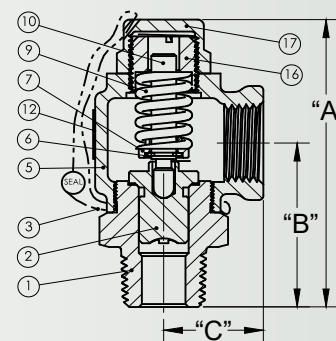
Series 130



Series 132



Series 133



Series 135

SERIES	INLET SIZES	METALS	MIN. TEMP °F (°C)	MAX. TEMP ^{3,4} °F (°C)	MAX PRESSURE ^{1,2} psig (barg)	SERVICES	CERTIFICATIONS
Series 130	1/4", 3/8"/1/2"	Brass/Bronze	-20° -(-29°)	406° (208°)	200 (13.8)	Air / Gas / Steam	ASME VIII, CRN
	1/4", 3/8"/1/2"	Stainless/Bronze	-20° -(-29°)	425° (218°)	200 (13.8)	Air / Gas / Steam	ASME VIII, CRN

SERIES 130 THRU 135

ITEM	DESCRIPTION	BRASS OPTION	STAINLESS OPTION
1	Body	B16 Brass	SA479-316 SS
2	Disc	B62-C83600	SA479-316 SS
3	Seal Wire	Steel/Lead	Steel/Lead
4	Lock Screw	B16 Brass	B16 Brass
5	Bonnet	B16/B584-C84400	B16/B584-C84400
6	Support	Stainless	Stainless
7	Spring Plate	B16 Brass	B16 Brass
8	Lift Lever	Plated Steel	Plated Steel
9	Spring	302 SS	302 SS
10	Spring Post	B16 Brass	B16 Brass
11	Lift Pin	B16 Brass	B16 Brass
12	Nameplate	Stainless	Stainless
13	Hood	B584-C84400	B584-C84400
14	Lever Pin	B16 Brass	B16 Brass
15	Hood Mount	B16 Brass	B16 Brass
16	Pressure Screw	B16 Brass	B16 Brass
17	Hood	B16 Brass	B16 Brass

SERIES 130 CAPACITY AIR - SCFM

SLOPE	SET psig	10	20	30	40	50	60	75	100	125	150	175	200
0.403	SCFM	11	15	19	24	28	33	39	50	61	72	84	95

SERIES 130 CAPACITY STEAM - Lbs/hr

SLOPE	SET psig	10	20	30	40	50	60	75	100	125	150	175	200
1.130	Lbs/Hr	31	43	54	66	79	91	110	141	172	203	234	265

Set pressures not limited to this chart. Specify when ordering.
Capacities are at 3 psig or 10% (whichever is greater) over set pressure

SERIES 130 THRU 135

SERIES	INLET	OUTLET	SEAT	DIMENSIONS - in (mm)			MAX SET psig (barg)	WEIGHT Lbs. (Kg)
				A	B	C		
130	1/4"-3/8"-1/2"	Top	1/2"	3-1/4" (83)	-	1-1/2" (38)	200 (13.8)	1/2 (0.2)
132	1/4"-3/8"-1/2"	Top	1/2"	3-7/8" (98)	-	1-3/8" (35)	200 (13.8)	3/4 (0.3)
133	1/4"-3/8"-1/2"	1/2"	1/2"	3-3/4" (95)	1-7/8" (48)	1-1/8" (29)	200 (13.8)	5/8 (0.3)
135	1/4"-3/8"-1/2"	1/2"	1/2"	3" (76)	1-3/4" (44)	1-1/8" (29)	200 (13.8)	5/8 (0.3)