



14-200 Series Low Pressure Steam Boiler Safety Valves



ASME Section IV
Set pressures from 5 to 15 psig.
Sizes 2", 2-1/2" and 3".

Applications:

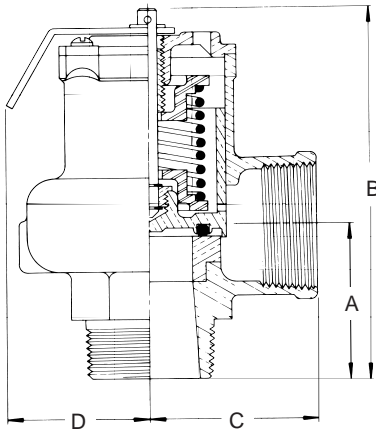
The 14 Series is an ASME Section IV high capacity steam safety valve for use with medium and large size commercial and industrial heating boilers.

Features

- One piece body, all bronze construction
- Rust proofed steel spring
- Chrome plated seat, PTFE coated disc
- PTFE coated EPDM O-ring for positive seal
- 3/8" NPT side tapping for drain connection
- Valves are capacity certified by the National Board at 15 psig only, in accordance with ASME Boiler and Pressure Vessel Code Section IV
- Registered in all Canadian provinces and territories, CRN #0G8547.5C

Options

- Test gag available to prevent the valve from opening during hydrostatic testing of the boiler. To specify gag option, add "G" to suffix.



Dimensions and Weights

Model Number	Size (in./mm.)		Dimensions (in./mm.)				Wt./Each (lbs./kg.)
	Inlet	Outlet	A	B	C	D	
14-205	2M	2F	3.00	7.12	3.12	4.00	8.4
	50M	50F	76	181	79	101	3.8
14-206	2-1/2M	2-1/2F	3.50	8.25	3.50	4.00	13.0
	65M	65F	88	209	88	101	5.9
14-207	3M	3F	4.12	9.37	3.87	4.00	17.0
	80M	80F	104	238	98	101	7.7

NOTE: See Capacities page 15

P/N Suffix Key

Set Pressure psig	Suffix
5	-03
6	-04
8	-05
10	-06
12	-07
15	-08

NOTE:

- ASME IV and NB certified capacities at 15 psi only
- Valves may be set for any pressure between 5 and 15 psi. Consult factory for set pressures not listed.
- To specify test gag option add "G" to suffix.

ORDERING CODE:

Use model number and two digit suffix number to indicate size and set pressure.

EXAMPLE:

14-206-08: 2-1/2" valve set at 15 psi

12, 13 and 14-200 Series Capacities



ASME Section IV Steam

POUNDS PER HOUR (KILOGRAMS PER HOUR) SATURATED STEAM AT 33-1/3%
OVERPRESSURE. NATIONAL BOARD CERTIFIED. RATINGS ARE 90% OF ACTUAL.



U.S. Customary Units lbs./hr.						
Model No.	12-205 2 x 2	12-206 2-1/2 x 2-1/2	12-208 3 x 3	13-101 3/4	13-202 1 x 1	13-211 3/4 x 3/4
Set Pressure						
psig						
5*	1,439	2,043	2,855	333	374	290
10*	1,969	2,786	3,478	372	509	383
15	2,500	3,529	4,100	410	643	475
Model No.	13-213 1-1/4 x 1-1/2	13-214 1-1/2 x 2	13-511 3/4 x 3/4	14-205 2 x 2	14-206 2-1/2 x 2-1/2	14-207 3 x 3
Set Pressure						
psig						
5*	699	1,106	213	1,815	2,695	3,944
10*	950	1,503	310	2,483	3,686	5,394
15	1,200	1,900	407	3,150	4,676	6,843

Metric Units kg./hr.						
Model No.	12-205 2 x 2	12-206 2-1/2 x 2-1/2	12-208 3 x 3	13-101 3/4	13-202 1 x 1	13-211 3/4 x 3/4
Set Pressure						
barg						
0.34	653	927	1,295	151	170	131
0.69	893	1,264	1,577	169	231	174
1.03	1,134	1,601	1,860	186	292	215
Model No.	13-213 1-1/4 x 1-1/2	13-214 1-1/2 x 2	13-511 3/4 - 3/4	14-205 2 x 2	14-206 2-1/2 x 2-1/2	14-207 3 x 3
Set Pressure						
barg						
0.34	317	502	97	823	1,222	1,789
0.69	431	682	141	1,126	1,672	2,447
1.03	544	862	185	1,429	2,121	3,103

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