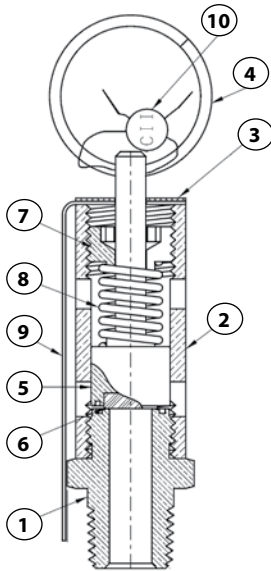


# SAFETY & RELIEF VALVES

## Air Relief Valves

### 15 SERIES



Rugged design 15 Series air relief valves provide dependable overpressure protection at an economical price. Top guided design features brass construction and resilient seating for superior performance. Widely used by OEM's and for aftermarket replacement.

#### ASME Section VIII

Sizes 1/4" to 1"

Factory set pressures from 15 to 250 psi

Maximum Temp. 325°F



UV  
Section VIII  
Pressure Vessels

#### APPLICATIONS:

Ideal for a wide range of air and inert gas applications including compressors, intercoolers, dryers, receivers, control and instrument air lines, and pressurized systems and equipment.

#### FEATURES:

- National Board certified 15 psig through 250 psig
- Stainless steel springs
- Viton O-ring seat
- Registered in all Canadian provinces and territories: CRN #0G8547.5C
- ASTM B16 Brass Body
- RoHS Compliant Materials
- European pressure equipment directive compliant option (CE/PED)

#### DIMENSIONS AND WEIGHTS

Model Number	Inlet Size (in./mm.)	Dimensions (in./mm.)		Wt./100 (lbs./kg.)
		A	B	
15-112	1/4 NPT	2.62	0.78	18.5
	8	66	20	8.4
15-115	3/8 NPT	3.25	1.12	42.2
	10	82	28	19.2
15-117	1/2 NPT	3.37	1.12	45.3
	15	85	28	20.6
15-118	3/4 NPT	4.06	1.21	58
	20	105	30	26.4
15-119	1 NPT	5.12	1.87	153
	25	130	47	69.5

#### MATERIALS

Item	Component	Material
1	Nozzle	ASTM B-16 Brass
2	Body	ASTM B-16 Brass
3	Nameplate	Aluminum
4	Pull Ring	Pttd. AISI 1018 CRS
5	Disc/Stem	ASTM B-16 Brass
6	Seat	Viton
7	Cap	ASTM B-16 Brass
8	Spring	ASTM A-227 Steel
9	Inst. Tag	Paper
10	Lead Seal	Lead

#### MODEL NUMBERING SYSTEM

15-XXX	-X	-XXX	-XX
MODEL AND SIZE (IN.)	FINISH	SET PRESSURE	OPTIONS
112 = 1/4 NPT	B = Plain Brass	Set Pressure in PSIG	CE = PED/CE
115 = 3/8 NPT			Q = Performance (Calibration) Test Reports
117 = 1/2 NPT			
118 = 3/4 NPT			
119 = 1 NPT			

#### EXAMPLE:

15 117 B 165

15 Series set @ 165 psig.

# SAFETY & RELIEF VALVES

## Air Relief Valves



### 15 SERIES

### ASME SECTION VIII - AIR

Standard cubic feet per minute (Normalized cubic meters per hour) of air at 10% overpressure. National Board Certified. Ratings are 90% of actual.

#### US Customary Units SCFM Air

#### Metric Units Nm<sup>3</sup>/Hr. Air

Model No. Size (in.)	15-112 1/4	15-115 & 117 3/8 & 1/2	15-118 3/4	15-119 1	Model No. Size (mm)	15-112 8	15-115 & 117 10 & 15	15-118 20	15-119 25
Set Pressure psig					Set Pressure barg				
15	24	60	107	222	1.03	39	96	172	357
20	28	70	124	256	1.38	45	112	199	411
25	32	79	140	290	1.72	51	127	225	466
30	35	88	156	323	2.07	57	141	251	519
35	39	98	174	361	2.41	63	157	280	580
40	43	109	193	398	2.76	69	175	310	640
45	47	119	211	435	3.10	75	191	339	699
50	51	128	229	473	3.45	82	206	368	760
55	55	139	247	510	3.79	88	223	397	820
60	60	149	265	547	4.14	96	239	426	879
65	64	159	283	584	4.48	103	255	455	939
70	68	170	301	622	4.83	109	273	484	1,000
75	72	179	319	659	5.17	116	288	513	1,059
80	76	190	337	696	5.51	122	305	542	1,119
85	80	200	355	734	5.86	129	321	571	1,180
90	84	210	373	771	6.20	135	337	600	1,239
95	88	220	391	808	6.55	141	354	628	1,299
100	92	230	409	845	6.89	148	370	657	1,358
105	96	241	427	883	7.24	154	387	686	1,419
110	100	251	445	920	7.58	161	403	715	1,479
115	104	261	463	957	7.93	167	419	744	1,538
120	108	271	481	995	8.27	174	436	773	1,599
125	112	281	499	1,032	8.62	180	452	802	1,659
130	116	292	517	1,069	8.96	186	469	831	1,718
135	120	302	535	1,106	9.31	193	485	860	1,778
140	124	312	553	1,144	9.65	199	501	889	1,839
145	129	322	571	1,181	10.00	207	518	918	1,898
150	133	332	589	1,218	10.34	214	534	947	1,958
155	137	342	607	1,256	10.69	220	550	976	2,019
160	141	353	625	1,293	11.03	227	567	1,005	2,078
165	145	363	644	1,330	11.38	233	583	1,035	2,138
170	149	373	662	1,368	11.72	239	600	1,064	2,199
175	153	383	680	1,405	12.06	246	616	1,093	2,258
180	157	393	698	1,442	12.41	252	632	1,122	2,318
185	161	403	716	1,479	12.75	259	648	1,151	2,377
190	165	414	734	1,517	13.10	265	665	1,180	2,439
195	169	424	752	1,554	13.44	272	681	1,209	2,498
200	173	432	770	1,591	13.79	278	694	1,238	2,557
205	177	444	788	1,629	14.13	285	714	1,267	2,619
210	181	454	806	1,666	14.48	291	730	1,296	2,678
215	185	464	824	1,703	14.82	298	746	1,325	2,738
220	189	475	842	1,740	15.17	305	763	1,353	2,797
225	194	484	860	1,778	15.51	311	778	1,382	2,858
230	198	495	878	1,815	15.86	318	796	1,411	2,918
235	202	505	896	1,852	16.20	324	812	1,440	2,977
240	206	515	914	1,890	16.55	331	828	1,469	3,038
245	210	525	932	1,927	16.89	337	844	1,498	3,098
250	214	535	950	1,964	17.24	344	860	1,527	3,157



For additional information, submittal sheets and manuals, visit [www.apollovalves.com](http://www.apollovalves.com)

Customer Service (704) 841-6000