

**SAFETY RELIEF VALVES**

**CHECK VALVES**

**CONDENSATE RELIEF VALVES**

**CONTROL VALVES**

**SOLENOID VALVES**

## **COMPRESSED AIR** Applications



**FLOORCARE**  
Applications



**STEAM  
STERILIZER**  
Applications



**LIFT & HOIST**  
Applications

# SAFETY RELIEF VALVES

Pressure Relief Valves are used to protect systems from over pressurization. Kingston Valves offers safety valves for air, gas, steam and liquid applications. Our safety valves are used on compressed air systems, air dryers, air tanks, steam sertilizers, boilers and other related applications.

## ASME CODE VALVES



**KSV10/12/25**  
**Sizes:**  
 1/8", 1/4"  
**Pressure Range**  
 25-375 PSI  
**Soft Seat**



**112CSS/CR**  
**Sizes:** 1/4", 3/8",  
 1/2"  
**Pressure Range**  
 25-300 PSI  
**Available in:**  
 Brass, Stainless Steel  
**Hard Seat**



**115/115CR**  
**Sizes:**  
 1/4", 3/8", 1/2"  
**Pressure Range**  
 25-300 PSI  
**Available in:**  
 Brass, Stainless Steel  
**Soft Seat**



**118CSS**  
**Sizes:** 1/4" to 1"  
**Pressure Range**  
 25-300 PSI  
**Hard Seat**



**119CSS**  
**Sizes:**  
 1/4" to 1"  
**Pressure Range**  
 25-300 PSI  
**Hard Seat**



**110C**  
**Sizes:**  
 1/4", 3/8"  
**Pressure Range**  
 25-600 PSI  
**Hard Seat**



**114**  
**Sizes:** 1/4", to 1"  
**Pressure Range**  
 25-300 PSI  
**Soft Seat**



**710D**  
**Sizes:**  
 1/4" to 1"  
**Pressure Range**  
 25-300 PSI  
**Soft Seat**

## NON CODE VALVES



**128A/130**  
**Sizes:**  
 1/8", 1/4"  
**Pressure**  
 Max 300 PSI  
**Soft Seat**



**111X**  
**Sizes:** 1/4"  
**Pressure**  
 Max 400 PSI  
 -250° to 300°F  
**Soft Seat**



**100SS**  
**Sizes:**  
 1/8" to 1/2"  
**Pressure**  
 Max 300 PSI  
**Hard Seat**



**103/SS/H/D/120**  
**Sizes:** 1/4"  
 to 3/4"  
**Pressure**  
 5-1000 PSI

## KINGSTON KNG Series Safety Valves

ASME Code Sections I & VIII, for air, gas, steam and liquid applications. Available in bronze, carbon steel, and stainless steel construction with a variety of seat materials available. 1/2" to 2-1/2" inlet and D to J orifice sizes.



## CHECK VALVES

Kingston Check Valves are largely used on compressed air systems, air dryers, and other related compressed or liquid applications to prevent back pressure/flow.



**KCV234**  
**Sizes:**  
 3/8" to 1-1/4"  
**Pressure**  
 Max 400 PSI



**226/226A/226T**  
**Sizes:** 1/4" to 3/4"  
**Pressure**  
 Max 400 PSI



**215A**  
**Sizes:** 1/4",  
 3/8", 1/2"  
**Pressure**  
 Max 400 PSI



### ANTI-HAMMER

**205**  
**Sizes:**  
 3/8" to 2"  
**Pressure**  
 Max 400 PSI



**227**  
**Sizes:**  
 1/4"  
**Pressure**  
 Max 300 PSI

# CONDENSATE DRAIN VALVES



**620**  
**Sizes:**  
 3/8"  
**Pressure**  
 Max 300 PSI



**KTD-B-04** (1/2")  
**KTD-B-02** (1/4")  
**Pressure**  
 Max 300 PSI



**KTD-S-B-24**  
**(Dual Inlet)**  
 1/4" NPTF  
 1/2" NPTM  
**Pressure**  
 Max 300 PSI

## BALL VALVES (KBV)



Full Port Brass Female to Female Ball Valves, 600 W.O.G. Available in 1/4", 3/8", 1/2", 3/4", 1", 1-1/2", and 2" sizes.

## MINI BALL VALVES (KMBV)



Brass and Chrome Plated Brass, 1/4" Full Port Mini Ball Valve. Available in Female x Female, Female x Male, MNPT x Barb construction. Call for custom configurations.

## SOLENOID VALVES



For use on carwash and reclaimed water systems, and agricultural and municipal water applications.

# CONTROL VALVES

Kingston Control Valves are used for air, gas, steam, and liquid applications. Our Control Valves are used in agricultural sprayers, inground lifts, car wash systems, floorcare and upholstery cleaning wands, and other related applications.



**621 Unloader**  
**Sizes:**  
 1/2", 1"  
**Pressure**  
 Max 300 PSI



**159A Regulator**  
**Sizes:** 3/4"  
**Pressure Range**  
 Max 150 PSI



**305A/305B**  
**Sizes:**  
 1/4" to 1-1/4"  
**Pressure**  
 Max 400 PSI

### Pilot Actuators



**329**  
**Sizes:** 1/8"  
**Pressure Range**  
 Max 125 PSI



**331**  
**Sizes:** 1/4"  
**Pressure Range**  
 Max 100 PSI



**253/254**  
**/258/259**  
**Sizes:** 1/4"  
**Pressure Range**  
 Max 350 PSI



**251FT/251-30**  
**Sizes:**  
 1/4"  
**Pressure:**  
 Max 1200 PSI

### 167

**Sizes:** 1/8"  
**Pressure Range**  
 Max 500 PSI



**296**  
**Sizes:** 1/4"  
**Pressure Range**  
 Max 150 PSI



**302/303**  
**Sizes:**  
 1/2"  
**Pressure:**  
 Max 200 PSI



**292**  
**Sizes:**  
 1/4"  
**Pressure:**  
 Max 150 PSI



**301AC**  
**Sizes:**  
 1/4"  
**Pressure:**  
 Max 200 PSI



**294/298**  
**Sizes:**  
 1/4"  
**Pressure:**  
 Max 150 PSI

# PSI vs. Flow Chart for Kingston's ASME Safety Valve

VALVE SIZE	KSV10 1/8" & 1/4"	KSV12 1/8" KSV25 1/4"	110C 1/4" & 3/8"	112C 1/4" & 3/8"	112C 1/2"	114 & 115 1/4"	114 & 115 3/8"	114 & 115 1/2"	114 3/4"	114 1"	118C & 119C 1/4"	118C & 119C 3/8" & 1/2"	118C & 119C 3/4' & 1"	710D 1/2", 3/4", & 1"		110C 1/4" & 3/8" (cont)	KSV12 1/8" KSV25 1/4" (cont)	710D 1/2" 3/4" & 1" (cont)
Max PSI	275	375	600	300	300	300	275	275	275	250	250	300	300	400	PSI	600	375	400
Pressure (PSI)	<b>FLOW (SCFM)</b>															<b>FLOW (SCFM)</b>		
25		29	25	21.5	33	22	29	36	68	100	45	65	155	93	305	207	241	770
30		33	28	24	37	25	33	41	76	113	51	73	175	104	310	210	245	782
35		36	31	27	41	28	37	45	85	126	57	82	195	117	315	213	249	794
40		40	35	30	46	31	41	50	94	139	63	90	215	129	320	216	253	806
45		44	38	33	50	33	44	55	103	152	69	99	236	141	325	220	257	818
50	18	48	41	36	54	36	48	59	112	165	75	107	256	153	330	223	260	830
55	20	52	44	38	59	38	52	64	120	178	80	116	276	165	335	226	264	843
60	21	55	48	41	63	41	56	69	129	191	86	124	296	177	340	229	268	855
65	23	59	51	44	67	44	59	73	138	204	92	133	316	189	345	233	272	867
70	24	63	54	47	72	47	63	78	147	217	98	141	337	201	350	236	276	879
75	25	67	57	50	76	50	67	83	156	230	104	150	357	213	355	239	279	891
80	27	71	61	52	80	52	71	87	164	243	110	158	377	225	360	242	283	903
85	28	74	64	55	84	55	75	92	173	256	116	167	397	238	365	246	287	915
90	30	78	67	58	89	58	78	97	182	269	122	175	417	250	370	249	291	927
95	31	82	70	61	93	61	82	101	191	283	128	184	437	262	375	252	294	939
100	33	86	74	64	97	64	86	106	200	296	133	192	458	274	380	255	N/A	951
105	34	90	77	66	102	66	90	111	208	309	139	201	478	286	385	259	N/A	964
110	35	93	80	69	106	69	94	115	217	322	145	209	498	298	390	262	N/A	979
115	37	97	83	72	110	72	97	120	226	335	151	217	518	310	395	265	N/A	988
120	38	101	87	75	114	75	101	125	235	348	157	226	538	22	400	268	N/A	1000
125	40	105	90	78	119	78	105	129	244	361	163	234	559	334	405	272	N/A	N/A
130	41	109	93	80	123	80	109	134	252	374	169	243	579	346	410	275	N/A	N/A
135	43	112	96	83	127	83	113	139	261	387	175	251	599	359	415	278	N/A	N/A
140	44	116	100	86	132	86	116	143	270	400	181	260	619	371	420	281	N/A	N/A
145	45	120	103	89	136	89	120	148	279	413	186	268	639	383	425	284	N/A	N/A
150	47	124	106	92	140	92	124	153	288	426	192	277	659	395	430	288	N/A	N/A
155	48	128	109	94	144	94	128	157	296	439	198	285	680	407	435	291	N/A	N/A
160	50	131	113	97	148	97	132	162	305	452	204	294	700	419	440	294	N/A	N/A
165	51	135	116	100	153	100	135	167	314	465	210	302	720	431	445	297	N/A	N/A
170	53	139	119	103	157	103	139	171	323	478	216	311	740	443	450	301	N/A	N/A
175	54	143	122	106	162	106	143	176	332	491	222	319	760	455	455	304	N/A	N/A
180	55	146	125	108	166	108	147	181	340	504	228	328	781	467	460	307	N/A	N/A
185	57	150	129	111	170	111	151	185	349	517	233	336	801	480	465	310	N/A	N/A
190	58	154	132	114	174	114	154	190	358	530	239	344	821	492	470	314	N/A	N/A
195	60	158	135	117	179	117	158	195	367	543	245	353	841	504	475	317	N/A	N/A
200	61	162	138	120	183	120	162	199	376	556	251	361	861	516	480	320	N/A	N/A
205	63	165	142	123	187	123	166	204	384	569	257	370	882	528	485	323	N/A	N/A
210	64	169	145	125	192	125	170	209	393	582	263	378	902	540	490	327	N/A	N/A
215	65	173	148	128	196	128	173	214	402	595	269	387	922	552	495	330	N/A	N/A
220	67	177	151	131	200	131	177	218	411	608	275	395	942	564	500	333	N/A	N/A
225	68	181	155	134	205	134	181	223	420	621	281	404	962	576	505	336	N/A	N/A
230	70	184	158	137	209	137	185	228	428	637	286	412	982	588	510	340	N/A	N/A
235	71	188	161	139	213	139	189	232	437	647	292	421	1003	601	515	343	N/A	N/A
240	73	192	164	142	217	142	192	237	446	661	298	429	1023	613	520	346	N/A	N/A
245	74	196	168	145	222	145	196	242	455	674	304	438	1043	625	525	349	N/A	N/A
250	75	200	171	148	226	148	200	246	464	687	310	446	1063	637	530	353	N/A	N/A
255	77	203	174	151	230	151	204	251	N/A	N/A	316	455	1083	649	535	356	N/A	N/A
260	78	207	177	153	235	153	207	256	N/A	N/A	322	463	1104	661	540	359	N/A	N/A
265	80	211	181	156	239	156	211	260	N/A	N/A	328	472	1124	673	545	362	N/A	N/A
270	81	215	184	159	243	159	215	265	N/A	N/A	334	480	1144	685	550	366	N/A	N/A
275	83	219	187	162	247	162	219	270	N/A	N/A	339	488	1164	697	555	369	N/A	N/A
280	N/A	222	190	165	252	165	N/A	N/A	N/A	N/A	345	497	1184	709	560	372	N/A	N/A
285	N/A	226	194	167	256	167	N/A	N/A	N/A	N/A	351	505	1204	722	565	375	N/A	N/A
290	N/A	230	197	170	260	17	N/A	N/A	N/A	N/A	357	514	1225	734	570	379	N/A	N/A
295	N/A	234	200	173	265	173	N/A	N/A	N/A	N/A	363	522	1245	746	575	382	N/A	N/A
300	N/A	238	203	176	269	176	N/A	N/A	N/A	N/A	369	531	1265	758	580	385	N/A	N/A
															585	388	N/A	N/A
															590	392	N/A	N/A
															595	95	N/A	N/A
															600	398	N/A	N/A



**WARNING:** This product can expose you to chemicals including lead, which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).