

KUNKLE ASME BRONZE SAFETY VALVES

- Full Nozzle Design with Bronze/Brass Trim
- Operating Range: 3 to 300 PSIG
- Operating Temp: -60 ° to 406 ° F (51° to 208° C)
- Optional Viton Seats Available for Exceptional Leak Free Performance, Reduced Maintenance Cost, Multiple Cycles with Tight Shutoff, Improved Seating Integrity
- Available in Stock Pressures 125,135,140,150,165,175, and 200 PSIG
- Other Pressures and Settings Available Upon Request
- Other Kunkle Products Available - Consult Midwest Control



Side Venting

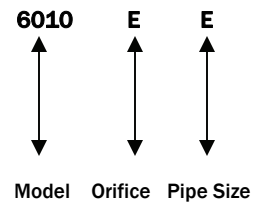
Side Venting Valve		
Model No.	Inlet (In)	Outlet (In)
6010DC	1/2	3/4
6010DD	3/4	3/4
6010ED	3/4	1
6010EE	1	1
6010FE	1	1-1/4
6010FF	1-1/4	1-1/4
6010GF	1-1/4	1-1/2
6010GG	1-1/2	1-1/2
6010HG	1-1/2	2
6010HH	2	2
6010JH	2	2-1/2
6010JJ	2-1/2	2-1/2
Top Venting Valve		
6182DC	1/2	
6182ED	3/4	
6182FE	1	
6182GF	1-1/4	
6182HG	1-1/2	
6182JH	2	



Top Venting

Valve Selection: To Determine Valve Size

1. See Chart on Other Side
2. Locate Desired Pressure and SCFM
3. Intersect Orifice Size at the Top of the Chart
4. For Example 625 scfm @ 150 PSIG = An "E" Orifice
5. Model = 6010E, Select Desired Inlet Pipe Size
6. Add PSIG Setting to Part Number Suffix



ASME Rating is Only Applicable to Valves Set at 15 PSIG and Higher

Office Size	D			E			F			G			H			J		
Area	.121 Sq. In.			.216 Sq. In.			.338 Sq. In.			.554 Sq. In.			.863 Sq. In.			1.414 Sq. In.		
Set PSIG	LBS/HR Steam V	LBS/HR Steam VU	SCFM Air UV	LBS/HR Steam V	LBS/HR Steam VU	SCFM Air UV	LBS/HR Steam V	LBS/HR Steam VU	SCFM Air UV	LBS/HR Steam V	LBS/HR Steam VU	SCFM Air UV	LBS/HR Steam V	LBS/HR Steam VU	SCFM Air UV	LBS/HR Steam V	LBS/HR Steam VU	SCFM Air UV
10		152	50		271	89		424	139		695	228		1083	355		1775	582
15	173	179	64	309	319	114	484	500	178	793	819	292	1236	1276	454	2025	2091	744
20	201	206	73	358	368	131	560	576	205	918	944	336	1431	1471	524	2344	2410	858
25	228	234	83	407	417	148	637	653	232	1044	1070	381	1626	1666	593	2664	2730	972
30	255	261	93	456	466	166	713	729	259	1169	1195	425	1821	1861	663	2983	3050	1086
35	283	291	104	504	520	185	789	813	289	1294	1333	474	2015	2076	739	3302	3401	1211
40	310	321	114	553	573	204	866	897	319	1419	1470	523	2210	2291	815	3622	3753	1336
45	337	351	125	602	627	223	942	981	349	1544	1608	572	2405	2505	892	3941	4105	1461
50	365	381	136	651	681	242	1018	1065	379	1669	1746	621	2600	2720	968	4260	4456	1586
55	392	411	146	700	734	261	1095	1149	409	1794	1884	671	2795	2934	1045	4580	4808	1711
60	419	442	157	748	788	281	1171	1233	439	1919	2022	720	2990	3149	1121	4899	5160	1837
65	447	472	168	797	842	300	1247	1317	469	2045	2159	769	3185	3364	1197	5219	5511	1962
70	474	502	179	847	896	319	1325	1401	499	2172	2297	818	3384	3578	1274	5544	5863	2087
75	503	532	189	897	949	338	1404	1486	529	2301	2435	867	3585	3793	1350	5873	6215	2212
80	531	562	200	947	1003	357	1483	1570	559	2430	2573	916	3785	4008	1426	6202	6566	2337
85	559	592	211	998	1057	376	1561	1654	589	2559	2710	965	3986	4222	1503	6531	6918	2462
90	587	622	221	1048	1110	395	1640	1738	619	2688	2848	1014	4187	4437	1579	6860	7270	2588
95	615	652	232	1098	1164	414	1718	1822	648	2817	2986	1063	4388	4651	1656	7189	7621	2713
100	643	682	243	1148	1218	434	1797	1906	678	2946	3124	1112	4588	4866	1732	7518	7973	2838
105	671	712	254	1199	1272	453	1876	1990	708	3074	3262	1161	4789	5081	1808	7847	8325	2963
110	700	742	264	1249	1325	472	1954	2074	738	3203	3399	1210	4990	5295	1885	8176	8676	3088
115	728	773	275	1299	1379	491	2033	2158	768	3332	3537	1259	5191	5510	1961	8505	9028	3213
120	756	803	286	1349	1433	510	2112	2242	798	3461	3675	1308	5392	5725	2038	8834	9380	3339
125	784	833	296	1400	1487	529	2190	2326	828	3590	3813	1357	5592	5939	2114	9163	9731	3464
130	812	863	307	1450	1540	548	2269	2410	858	3719	3950	1406	5793	6154	2190	9492	10083	3589
135	840	893	318	1500	1594	567	2348	2494	888	3848	4088	1455	5994	6368	2267	9821	10434	3714
140	869	923	329	1550	1648	586	2426	2578	918	3977	4226	1504	6195	6583	2343	10150	10786	3839
145	897	953	339	1601	1701	606	2505	2662	948	4105	4364	1553	6395	6798	2420	10479	11138	3964
150	925	983	350	1651	1755	625	2583	2746	978	4234	4502	1602	6596	7012	2496	10808	11489	4090
160	981	1043	371	1751	1863	663	2741	2915	1037	4492	4777	1700	6998	7442	2649	11466	12193	4340
170	1037	1104	393	1852	1970	701	2898	3083	1097	4750	5053	1798	7399	7871	2802	12123	12896	4590
180	1094	1164	414	1952	2077	739	3055	3251	1157	5008	5328	1897	7801	8300	2954	12781	13599	4841
190	1150	1224	436	2053	2185	778	3212	3419	1217	5265	5604	1995	8202	8729	3107	13439	14303	5091
200	1206	1284	457	2153	2292	816	3370	3587	1277	5523	5879	2093	8604	9159	3260	14097	15006	5341
210	1263	1344	478	2254	2400	854	3527	3755	1337	5781	6155	2191	9005	9588	3413	14755	15709	5592
220	1319	1404	500	2354	2507	892	3684	3923	1396	6039	6430	2289	9407	10017	3566	15413	16413	5842
230	1375	1465	521	2455	2615	931	3842	4091	1456	6297	6706	2387	9808	10446	3718	16071	17116	6092
240	1432	1525	543	2555	2722	969	3999	4259	1516	6554	6981	2485	10210	10876	3871	16729	17819	6343
250	1488	1585	564	2656	2829	1007	4156	4428	1576	6812	7257	2583	10612	11305	4024	17387	18523	6593
260	1544	1645	586	2756	2937	1045	4313	4596	1636	7070	7533	2681	11013	11734	4177	18045	19226	6843
270	1600	1705	607	2857	3044	1084	4471	4764	1696	7328	7808	2779	11415	12163	4329	18703	19929	7094
280	1657	1766	628	2957	3152	1122	4628	4932	1756	7585	8084	2877	11816	12592	4482	19360	20632	7344
290	1713	1826	650	3058	3259	1160	4785	5100	1815	7843	8359	2975	12218	13022	4635	20018	21336	7594
300	1769	1886	671	3158	3367	1198	4942	5268	1875	8101	8635	3074	12619	13451	4788	20676	22039	7845

**KUNKLE ASME BRONZE PRESSURE
SAFETY VALVES
MODEL 337**

Applications:

- Protection for Low/Medium Pressure, High Volume Blowers, Compressors, and Pneumatic Conveying Systems
- Light Gauge Tanks
- Bulk Hauling Trailers/Equipment

Features & Benefits

- Large Nozzle Design Provides High Capacity
- Flat Bronze Valve Seats are Lapped for Optimum Performance
- Warn Ring Offers Easy Adjustability for Precise Opening with Minimum Pre-Open or Simmer and Exact Blow Down Control
- Pivot Between Disc and Spring Corrects Misalignment and Compensates for Spring Side Thrust

Specifications

- 1 to 60 PSIG (0.07 TO 4.1 Barg)
- -20° to 406° F (-29° to 208° C)
- ASME Section VIII 15 PSIG & Higher
- Air/Gas Vacuum UV National Board Certified



Model No.	Inlet/Outlet Size
337-H (PSI)	2 NPT
337-J (PSI)	2-1/2 NPT
337-K (PSI)	3 NPT

Capacity (SCFM)			
Set Pressure PSIG	337-H	337-J	337-K
1	240	364	527
5	531	805	1166
10	741	1124	1628
15	948	1436	2081
20	1092	1656	2399
25	1237	1875	2718
30	1382	2095	3036
35	1542	2337	3386
40	1701	2578	3736
45	1860	2820	4086
50	2020	3061	4436
55	2179	3303	4786
60	2338	3544	5136

- Add PSI Setting to Part Number Suffix When Ordering
- Allow 2-3 Weeks for Delivery

KUNKLE BRONZE VACUUM RELIEF VALVES MODEL 215V

Applications:

- Protection for High Volume Vacuum Pumps and Conveying Systems
- Light Gauge Tanks
- Bulk Hauling Trailers/Equipment

Specifications

- 2" Hg to 29" Hg (67.7 to 982 mbarg)
- -20° to 406° F (-29° to 208° C)



Features & Benefits

- High Capacity Large Nozzle Design
- Flat Bronze Valve Seats are Lapped for Optimum Performance
- Warn Ring Offers Easy Adjustability for Precise Opening with Minimum Pre-Open or Simmer and Exact Blow Down Control
- Pivot Between Disc and Spring Corrects Misalignment and Compensates for Spring Side Thrust

Model No.	Inlet/Outlet Size
215VHQ-(Hg)	2 NPT
215VJQ-(Hg)	2-1/2 NPT
215VKQ-(Hg)	3 NPT

Non Code and ASME Section VIII Air			
Relief Valve Set @ Hg	SCFM		
	215VHQ-(Hg)	215VJQ-(Hg)	215VKQ-(Hg)
2	229	347	503
5	338	512	742
10	415	630	912
15	426	646	936
20			
25			
29			

- Add Vacuum Setting (Hg) to the Part Number Suffix When Ordering
- Delivery 2-3 Weeks