

SCHOTT Gemtron BTU Chart

Two Pane, Heat Reflective, Gas Filled

GLASS CONFIGURATION: Low-e - Gas - Clear

DESIGN NOTE: Add 15 - 25% To the values depending on the door opening frequency

BTU/hr @ 75f Ambient & 38f Cooler T8 Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	601	997	1393	1789	2186
2475	707	1167	1632	2097	2557
2667	618	1031	1448	1865	2277
2675	728	1211	1694	2176	2659
2679	739	1236	1721	2229	2726
2867	631	1064	1496	1929	2360
2875	745	1249	1748	2251	2751
2879	760	1274	1792	2307	2825
3067	646	1100	1549	1998	2447
3075	767	1288	1809	2330	2851
3079	782	1319	1855	2251	2928
3081	826	1221	0	0	0
3681	854	1293	0	0	0

BTU/hr @ 75f Ambient & 38f Cooler CF160 LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	257	479	704	926	1152
2475	291	543	799	1056	1308
2667	274	513	759	1002	1243
2675	312	587	861	1135	1410
2679	323	612	888	1188	1477
2867	287	546	807	1066	1326
2875	329	625	915	1210	1502
2879	344	650	959	1266	1576
3067	302	582	860	1135	1413
3075	351	664	976	1289	1602
3079	366	695	1022	1210	1679
3081	410	597	0	0	0
3681	438	669	0	0	0

BTU/hr @ 75f Ambient & 38f Cooler GE LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	308	598	898	1199	1487
2475	346	683	1025	1367	1704
2667	325	632	953	1275	1578
2675	367	727	1087	1446	1806
2679	378	752	1114	1499	1873
2867	338	665	1001	1339	1661
2875	384	765	1141	1521	1898
2879	399	790	1185	1577	1972
3067	353	701	1054	1408	1748
3075	406	804	1202	1600	1998
3079	421	835	1248	1521	2075
3081	465	737	0	0	0
3681	493	809	0	0	0

BTU/hr @ 75f Ambient & 38f Cooler EFFICIENT LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	355	627	900	1172	1446
2475	392	688	988	1289	1585
2667	372	661	955	1248	1537
2675	413	732	1050	1368	1687
2679	424	757	1077	1421	1754
2867	385	694	1003	1312	1620
2875	430	770	1104	1443	1779
2879	445	795	1148	1499	1853
3067	400	730	1056	1381	1707
3075	452	809	1165	1522	1879
3079	467	840	1211	1443	1956
3081	511	742	0	0	0
3681	539	814	0	0	0

BTU/hr @ 75f Ambient & 38f Cooler US LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	308	588	868	1148	1429
2475	352	669	994	1319	1639
2667	325	622	923	1224	1520
2675	373	713	1056	1398	1741
2679	384	738	1083	1451	1808
2867	338	655	971	1288	1603
2875	390	751	1110	1473	1833
2879	405	776	1154	1529	1907
3067	353	691	1024	1357	1690
3075	412	790	1171	1552	1933
3079	427	821	1217	1473	2010
3081	471	723	0	0	0
3681	499	795	0	0	0

SCHOTT Gemtron BTU Chart

Three Pane, Gas Filled

GLASS CONFIGURATION: Clear - Gas - Clear - Gas - Clear

DESIGN NOTE: Add 15 - 25% To the values depending on the door opening frequency

BTU/hr @ 75f Ambient & 38f Cooler T8 Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	615	1025	1435	1845	2255
2475	722	1199	1680	2161	2637
2667	633	1062	1495	1928	2357
2675	746	1245	1747	2248	2748
2679	757	1273	1776	2303	2819
2867	648	1098	1547	1997	2445
2875	764	1287	1805	2327	2846
2879	780	1314	1852	2387	2925
3067	664	1136	1603	2071	2538
3075	787	1328	1869	2410	2952
3079	804	1362	1920	2478	3036
3081	848	1266	0	0	0
3681	881	1347	0	0	0

BTU/hr @ 75f Ambient & 38f Cooler CF160 LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	271	507	746	982	1221
2475	306	575	847	1120	1388
2667	289	544	806	1065	1323
2675	330	621	914	1207	1499
2679	341	649	943	1262	1570
2867	304	580	858	1134	1411
2875	348	663	972	1286	1597
2879	364	690	1019	1346	1676
3067	320	618	914	1208	1504
3075	371	704	1036	1369	1703
3079	388	738	1087	1437	1787
3081	432	642	0	0	0
3681	465	723	0	0	0

BTU/hr @ 75f Ambient & 38f Cooler GE LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	314	611	917	1225	1518
2475	353	698	1046	1395	1740
2667	332	646	974	1302	1613
2675	375	865	1110	1478	1845
2679	386	768	1139	1533	1915
2867	346	680	1024	1369	1699
2875	393	782	1166	1555	1940
2879	408	808	1212	1612	2016
3067	361	717	1078	1441	1789
3075	415	822	1230	1637	2044
3079	431	854	1277	1700	2123
3081	475	757	0	0	0
3681	505	833	0	0	0

BTU/hr @ 75f Ambient & 38f Cooler EFFICIENT LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	361	640	919	1198	1477
2475	399	703	1009	1317	1621
2667	379	675	976	1275	1572
2675	421	870	1073	1400	1726
2679	432	773	1102	1455	1796
2867	393	709	1026	1342	1658
2875	439	787	1129	1477	1821
2879	454	813	1175	1534	1897
3067	408	746	1080	1414	1748
3075	461	827	1193	1559	1925
3079	477	859	1240	1622	2004
3081	521	762	0	0	0
3681	551	838	0	0	0

BTU/hr @ 75f Ambient & 38f Cooler US LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	314	601	887	1174	1460
2475	359	684	1015	1347	1675
2667	332	636	944	1251	1555
2675	381	851	1079	1430	1780
2679	392	754	1108	1485	1850
2867	346	670	994	1318	1641
2875	399	768	1135	1507	1875
2879	414	794	1181	1564	1951
3067	361	707	1048	1390	1731
3075	421	808	1199	1589	1979
3079	437	840	1246	1652	2058
3081	481	743	0	0	0
3681	511	819	0	0	0

SCHOTT Gemtron BTU Chart

Two Pane Heated, Heat Reflective, Gas Filled

GLASS CONFIGURATION: Heated - Gas - Clear

DESIGN NOTE: Add 15 - 25% To the values depending on the door opening frequency

BTU/hr @ 75f Ambient & 38f Cooler T8 Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	1074	1947	2808	3692	4565
2475	1233	2223	3210	4201	5196
2667	1120	2041	2960	3489	4800
2675	1279	2320	3357	4394	5431
2679	1332	2419	3513	4603	5694
2867	1163	2130	3093	3863	5024
2875	1328	2419	3509	4596	5678
2879	1382	2512	3648	4781	5914
3067	1209	2221	3229	4241	5253
3075	1383	2519	3668	4809	5949
3079	1434	2626	3814	5010	6198
3081	1012	1594	0	0	0
3681	1057	1699	0	0	0

BTU/hr @ 75f Ambient & 38f Cooler CF160 LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	730	1429	2119	2829	3531
2475	817	1599	2377	3160	3947
2667	776	1523	2271	2626	3766
2675	863	1696	2524	3353	4182
2679	916	1795	2680	3562	4445
2867	819	1612	2404	3000	3990
2875	912	1795	2676	3555	4429
2879	966	1888	2815	3740	4665
3067	865	1703	2540	3378	4219
3075	967	1895	2835	3768	4700
3079	1018	2002	2981	3969	4949
3081	596	970	0	0	0
3681	641	1075	0	0	0

BTU/hr @ 75f Ambient & 38f Cooler GE LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	781	1548	2313	3102	3866
2475	872	1739	2603	3471	4343
2667	827	1642	2465	2899	4101
2675	918	1836	2750	3664	4578
2679	971	1935	2906	3873	4841
2867	870	1731	2598	3273	4325
2875	967	1935	2902	3866	4825
2879	1021	2028	3041	4051	5061
3067	916	1822	2734	3651	4554
3075	1022	2035	3061	4079	5096
3079	1073	2142	3207	4280	5345
3081	651	1110	0	0	0
3681	696	1215	0	0	0

BTU/hr @ 75f Ambient & 38f Cooler EFFICIENT LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	828	1577	2315	3075	3825
2475	918	1744	2566	3393	4224
2667	874	1671	2467	2872	4060
2675	964	1841	2713	3586	4459
2679	1017	1940	2869	3795	4722
2867	917	1760	2600	3246	4284
2875	1013	1940	2865	3788	4706
2879	1067	2033	3004	3973	4942
3067	963	1851	2736	3624	4513
3075	1068	2040	3024	4001	4977
3079	1119	2147	3170	4202	5226
3081	697	1115	0	0	0
3681	742	1220	0	0	0

BTU/hr @ 75f Ambient & 38f Cooler US LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	781	1538	2283	3051	3808
2475	878	1725	2572	3423	4278
2667	827	1632	2435	2848	4043
2675	924	1822	2719	3616	4513
2679	977	1921	2875	3825	4776
2867	870	1721	2568	3222	4267
2875	973	1921	2871	3818	4760
2879	1027	2014	3010	4003	4996
3067	916	1812	2704	3600	4496
3075	1028	2021	3030	4031	5031
3079	1079	2128	3176	4232	5280
3081	657	1096	0	0	0
3681	702	1201	0	0	0

SCHOTT Gemtron BTU Chart

Three Pane Heated, Gas Filled

GLASS CONFIGURATION: Heated - Gas - Clear - Gas - Clear

DESIGN NOTE: Add 15 - 25% To the values depending on the door opening frequency

BTU/hr @ 75f Ambient & -10f Freezer T8 Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	1508	2650	3734	4986	6159
2475	1699	2979	4286	5590	6905
2667	1582	2791	4030	5278	6518
2675	1776	3131	4516	5898	7280
2679	1839	3253	4694	6143	7584
2867	1650	2921	4174	5533	6841
2875	1850	3277	5521	6191	7645
2879	1915	3403	4904	6416	7928
3067	1722	3059	4330	5804	7184
3075	1931	3431	4967	6507	8043
3079	2001	3552	5154	6752	8338

BTU/hr @ 75f Ambient & -10f Freezer CF160 LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	1164	2132	3045	4123	5125
2475	1283	2355	3453	4549	5656
2667	1238	2273	3341	4415	5484
2675	1360	2507	3683	4857	6031
2679	1423	2629	3861	5102	6335
2867	1306	2403	3485	4670	5807
2875	1434	2653	4688	5150	6396
2879	1499	2779	4071	5375	6679
3067	1378	2541	3641	4941	6150
3075	1515	2807	4134	5466	6794
3079	1585	2928	4321	5711	7089

BTU/hr @ 75f Ambient & -10f Freezer GE LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	1215	2251	3239	4396	5460
2475	1338	2495	3679	4860	6052
2667	1289	2392	3535	4688	5819
2675	1415	2647	3909	5168	6427
2679	1478	2769	4087	5413	6731
2867	1357	2522	3679	4943	6142
2875	1489	2793	4914	5461	6792
2879	1554	2919	4297	5686	7075
3067	1429	2660	3835	5214	6485
3075	1570	2947	4360	5777	7190
3079	1640	3068	4547	6022	7485

BTU/hr @ 75f Ambient & -10f Freezer EFFICIENT LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	1262	2280	3241	4369	5419
2475	1384	2500	3642	4782	5933
2667	1336	2421	3537	4661	5778
2675	1461	2652	3872	5090	6308
2679	1524	2774	4050	5335	6612
2867	1404	2551	3681	4916	6101
2875	1535	2798	4877	5383	6673
2879	1600	2924	4260	5608	6956
3067	1476	2689	3837	5187	6444
3075	1616	2952	4323	5699	7071
3079	1686	3073	4510	5944	7366

BTU/hr @ 75f Ambient & 38f Cooler US LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	1215	2241	3209	4345	5402
2475	1344	2481	3648	4812	5987
2667	1289	2382	3505	4637	5761
2675	1421	2633	3878	5120	6362
2679	1484	2755	4056	5365	6666
2867	1357	2512	3649	4892	6084
2875	1495	2779	4883	5413	6727
2879	1560	2905	4266	5638	7010
3067	1429	2650	3805	5163	6427
3075	1576	2933	4329	5729	7125
3079	1646	3054	4516	5974	7420

SCHOTT Gemtron BTU Chart

Three Pane, Heat Reflective, Gas Filled

GLASS CONFIGURATION: Low E - Gas - Low E - Gas - Clear

DESIGN NOTE: Add 15 - 25% To the values depending on the door opening frequency

BTU/hr @ 75f Ambient & -10f Freezer T8 Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	1129	1884	2679	3462	4261
2475	1270	2122	3001	3876	4764
2667	1164	1958	2779	3597	4426
2675	1308	2189	3098	4011	4924
2679	1339	2255	3182	4138	5085
2867	1204	2041	2901	3758	4617
2875	1339	2255	3257	4150	5093
2879	1375	2320	3288	4257	5229
3067	1228	2074	2952	3822	4696
3075	1380	2326	3311	4304	5266
3079	1416	2391	3397	4431	5421

BTU/hr @ 75f Ambient & -10f Freezer CF160 LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	785	1366	1990	2599	3227
2475	854	1498	2168	2835	3515
2667	820	1440	2090	2734	3392
2675	892	1565	2265	2970	3675
2679	923	1631	2349	3097	3836
2867	860	1523	2212	2895	3583
2875	923	1631	2424	3109	3844
2879	959	1696	2455	3216	3980
3067	884	1556	2263	2959	3662
3075	964	1702	2478	3263	4017
3079	1000	1767	2564	3390	4172

BTU/hr @ 75f Ambient & -10f Freezer GE LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	836	1485	2184	2872	3562
2475	909	1638	2394	3146	3911
2667	871	1559	2284	3007	3727
2675	947	1705	2491	3281	4071
2679	978	1771	2575	3408	4232
2867	911	1642	2406	3168	3918
2875	978	1771	2650	3420	4240
2879	1014	1836	2681	3527	4376
3067	935	1675	2457	3232	3997
3075	1019	1842	2704	3574	4413
3079	1055	1907	2790	3701	4568

BTU/hr @ 75f Ambient & -10f Freezer EFFICIENT LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	883	1514	2186	2845	3521
2475	955	1643	2357	3068	3792
2667	918	1588	2286	2980	3686
2675	993	1710	2454	3203	3952
2679	1024	1776	2538	3330	4113
2867	958	1671	2408	3141	3877
2875	1024	1776	2613	3342	4121
2879	1060	1841	2644	3449	4257
3067	982	1704	2459	3205	3956
3075	1065	1847	2667	3496	4294
3079	1101	1912	2753	3623	4449

BTU/hr @ 75f Ambient & 38f Cooler US LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	836	1475	2154	2821	3504
2475	915	1624	2363	3098	3846
2667	871	1549	2254	2956	3669
2675	953	1691	2460	3233	4006
2679	984	1757	2544	3360	4167
2867	911	1632	2376	3117	3860
2875	984	1757	2619	3372	4175
2879	1020	1822	2650	3479	4311
3067	935	1665	2427	3181	3939
3075	1025	1828	2673	3526	4348
3079	1061	1893	2759	3653	4503

SCHOTT Gemtron BTU Chart

Three Pane, Heat Reflective, Gas Filled

GLASS CONFIGURATION: Low E - Gas - Low E - Gas - Clear

DESIGN NOTE: Add 15 - 25% To the values depending on the door opening frequency

BTU/hr @ 75f Ambient & -10f Freezer T8 Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	1042	1712	2420	3117	3829
2475	1176	1934	2719	3500	4293
2667	1074	1777	2508	3235	3974
2675	1214	2001	2816	3635	4453
2679	1236	2050	2876	3730	4575
2867	1119	1860	2634	3397	4166
2875	1241	2058	2963	3757	4603
2879	1273	2116	2982	3849	4719
3067	1138	1894	2682	3461	4245
3075	1278	2122	3005	3896	4756
3079	1310	2179	3079	4007	4891

BTU/hr @ 75f Ambient & -10f Freezer CF160 LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	698	1194	1731	2254	2795
2475	760	1310	1886	2459	3044
2667	730	1259	1819	2372	2940
2675	798	1377	1983	2594	3204
2679	820	1426	2043	2689	3326
2867	775	1342	1945	2534	3132
2875	825	1434	2130	2716	3354
2879	857	1492	2149	2808	3470
3067	794	1376	1993	2598	3211
3075	862	1498	2172	2855	3507
3079	894	1555	2246	2966	3642

BTU/hr @ 75f Ambient & -10f Freezer GE LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	749	1313	1925	2527	3130
2475	815	1450	2112	2770	3440
2667	781	1378	2013	2645	3275
2675	853	1517	2209	2905	3600
2679	875	1566	2269	3000	3722
2867	826	1461	2139	2807	3467
2875	880	1574	2356	3027	3750
2879	912	1632	2375	3119	3866
3067	845	1495	2187	2871	3546
3075	917	1638	2398	3166	3903
3079	949	1695	2472	3277	4038

BTU/hr @ 75f Ambient & -10f Freezer EFFICIENT LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	796	1342	1927	2500	3089
2475	861	1455	2075	2692	3321
2667	828	1407	2015	2618	3234
2675	899	1522	2172	2827	3481
2679	921	1571	2232	2922	3603
2867	873	1490	2141	2780	3426
2875	926	1579	2319	2949	3631
2879	958	1637	2338	3041	3747
3067	892	1524	2189	2844	3505
3075	963	1643	2361	3088	3784
3079	995	1700	2435	3199	3919

BTU/hr @ 75f Ambient & 38f Cooler US LED Lighting

Model	1dr	2dr	3dr	4dr	5dr
2467	749	1303	1895	2476	3072
2475	821	1436	2081	2722	3375
2667	781	1368	1983	2594	3217
2675	859	1503	2178	2857	3535
2679	881	1552	2238	2952	3657
2867	826	1451	2109	2756	3409
2875	886	1560	2325	2979	3685
2879	918	1618	2344	3071	3801
3067	845	1485	2157	2820	3488
3075	923	1624	2367	3118	3838
3079	955	1681	2441	3229	3973