

Use the following table to determine the amount of air required for combustion

SCFM			Excess air expressed in oxygen content and percentage of excess air										
			0	1	2	3	4	5	6	7	8	9	10
			0.00%	5.03%	10.58%	16.76%	23.67%	31.45%	40.27%	50.36%	62.02%	75.63%	91.74%
Input expressed in Horsepower and BTU/hour	12	500,000	83	88	92	97	103	110	117	125	135	146	160
	24	1,000,000	167	175	184	195	206	219	234	251	270	293	320
	36	1,500,000	250	263	276	292	309	329	351	376	405	439	479
	48	2,000,000	333	350	369	389	412	438	468	501	540	585	639
	60	2,500,000	417	438	461	486	515	548	584	626	675	732	799
	72	3,000,000	500	525	553	584	618	657	701	752	810	878	959
	84	3,500,000	583	613	645	681	721	767	818	877	945	1025	1119
	96	4,000,000	667	700	737	778	824	876	935	1002	1080	1171	1278
Input expressed in Horsepower and BTU/hour	108	4,500,000	750	788	829	876	928	986	1052	1128	1215	1317	1438
	120	5,000,000	833	875	922	973	1031	1095	1169	1253	1350	1464	1598
	131	5,500,000	917	963	1014	1070	1134	1205	1286	1378	1485	1610	1758
	143	6,000,000	1000	1050	1106	1168	1237	1314	1403	1504	1620	1756	1917
	155	6,500,000	1083	1138	1198	1265	1340	1424	1520	1629	1755	1903	2077
	167	7,000,000	1167	1225	1290	1362	1443	1534	1636	1754	1890	2049	2237
	179	7,500,000	1250	1313	1382	1459	1546	1643	1753	1879	2025	2195	2397
	191	8,000,000	1333	1400	1474	1557	1649	1753	1870	2005	2160	2342	2557
Input expressed in Horsepower and BTU/hour	203	8,500,000	1417	1488	1567	1654	1752	1862	1987	2130	2295	2488	2716
	215	9,000,000	1500	1575	1659	1751	1855	1972	2104	2255	2430	2634	2876
	227	9,500,000	1583	1663	1751	1849	1958	2081	2221	2381	2565	2781	3036
	239	10,000,000	1667	1750	1843	1946	2061	2191	2338	2506	2700	2927	3196
	251	10,500,000	1750	1838	1935	2043	2164	2300	2455	2631	2835	3074	3356
	263	11,000,000	1833	1925	2027	2141	2267	2410	2572	2757	2970	3220	3515
	275	11,500,000	1917	2013	2119	2238	2370	2519	2688	2882	3105	3366	3675
	287	12,000,000	2000	2101	2212	2335	2473	2629	2805	3007	3240	3513	3835
Input expressed	299	12,500,000	2083	2188	2304	2432	2576	2738	2922	3132	3375	3659	3995

in Horsepower and BTU/hour	311	13,000,000	2167	2276	2396	2530	2679	2848	3039	3258	3510	3805	4154
	323	13,500,000	2250	2363	2488	2627	2783	2958	3156	3383	3645	3952	4314
	335	14,000,000	2333	2451	2580	2724	2886	3067	3273	3508	3780	4098	4474
	347	14,500,000	2417	2538	2672	2822	2989	3177	3390	3634	3915	4244	4634
	359	15,000,000	2500	2626	2765	2919	3092	3286	3507	3759	4050	4391	4794
Input expressed in Horsepower and BTU/hour	370	15,500,000	2583	2713	2857	3016	3195	3396	3624	3884	4185	4537	4953
	382	16,000,000	2667	2801	2949	3114	3298	3505	3740	4010	4320	4683	5113
	394	16,500,000	2750	2888	3041	3211	3401	3615	3857	4135	4455	4830	5273
	406	17,000,000	2833	2976	3133	3308	3504	3724	3974	4260	4590	4976	5433
	418	17,500,000	2917	3063	3225	3405	3607	3834	4091	4385	4725	5123	5593
	430	18,000,000	3000	3151	3317	3503	3710	3943	4208	4511	4860	5269	5752
	442	18,500,000	3083	3238	3410	3600	3813	4053	4325	4636	4995	5415	5912
	454	19,000,000	3167	3326	3502	3697	3916	4162	4442	4761	5130	5562	6072
	466	19,500,000	3250	3413	3594	3795	4019	4272	4559	4887	5266	5708	6232
	478	20,000,000	3333	3501	3686	3892	4122	4382	4676	5012	5401	5854	6391
Input expressed in Horsepower and BTU/hour	490	20,500,000	3417	3588	3778	3989	4225	4491	4793	5137	5536	6001	6551
	502	21,000,000	3500	3676	3870	4087	4328	4601	4909	5263	5671	6147	6711
	514	21,500,000	3583	3763	3963	4184	4431	4710	5026	5388	5806	6293	6871
	526	22,000,000	3667	3851	4055	4281	4535	4820	5143	5513	5941	6440	7031
	538	22,500,000	3750	3938	4147	4378	4638	4929	5260	5638	6076	6586	7190
	550	23,000,000	3833	4026	4239	4476	4741	5039	5377	5764	6211	6732	7350
	562	23,500,000	3917	4113	4331	4573	4844	5148	5494	5889	6346	6879	7510
	574	24,000,000	4000	4201	4423	4670	4947	5258	5611	6014	6481	7025	7670
Input expressed in Horsepower and BTU/hour	586	24,500,000	4083	4289	4515	4768	5050	5367	5728	6140	6616	7172	7830
	598	25,000,000	4167	4376	4608	4865	5153	5477	5845	6265	6751	7318	7989
	609	25,500,000	4250	4464	4700	4962	5256	5586	5961	6390	6886	7464	8149
	621	26,000,000	4333	4551	4792	5060	5359	5696	6078	6516	7021	7611	8309
	633	26,500,000	4417	4639	4884	5157	5462	5806	6195	6641	7156	7757	8469
	645	27,000,000	4500	4726	4976	5254	5565	5915	6312	6766	7291	7903	8628