

## IANTD GAS MANAGEMENT / TURN PRESSURE

PSIG	Surface Air Consumption Rate Factor															
	0.67	0.68	0.69	0.70	0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80	0.81	
Starting PSIG	2000	1340	1360	1380	1400	1420	1440	1460	1480	1500	1520	1540	1560	1580	1600	1620
	2100	1407	1428	1449	1470	1491	1512	1533	1554	1575	1596	1617	1638	1659	1680	1701
	2200	1474	1496	1518	1540	1562	1584	1606	1628	1650	1672	1694	1716	1738	1760	1782
	2300	1541	1564	1587	1610	1633	1656	1679	1702	1725	1748	1771	1794	1817	1840	1863
	2400	1608	1632	1656	1680	1704	1728	1752	1776	1800	1824	1848	1872	1896	1920	1944
	2500	1675	1700	1725	1750	1775	1800	1825	1850	1875	1900	1925	1950	1975	2000	2025
	2600	1742	1768	1794	1820	1846	1872	1898	1924	1950	1976	2002	2028	2054	2080	2106
	2700	1809	1836	1863	1890	1917	1944	1971	1998	2025	2052	2079	2106	2133	2160	2187
	2800	1876	1904	1932	1960	1988	2016	2044	2072	2100	2128	2156	2184	2212	2240	2268
	2900	1943	1972	2001	2030	2059	2088	2117	2146	2175	2204	2233	2262	2291	2320	2349
	3000	2010	2040	2070	2100	2130	2160	2190	2220	2250	2280	2310	2340	2370	2400	2430
	3100	2077	2108	2139	2170	2201	2232	2263	2294	2325	2356	2387	2418	2449	2480	2511
	3200	2144	2176	2208	2240	2272	2304	2336	2368	2400	2432	2464	2496	2528	2560	2592
	3300	2211	2244	2277	2310	2343	2376	2409	2442	2475	2508	2541	2574	2607	2640	2673
	3400	2278	2312	2346	2380	2414	2448	2482	2516	2550	2584	2618	2652	2686	2720	2754
	3500	2345	2380	2415	2450	2485	2520	2555	2590	2625	2660	2695	2730	2765	2800	2835
3600	2412	2448	2484	2520	2556	2592	2628	2664	2700	2736	2772	2808	2844	2880	2916	
3700	2479	2516	2553	2590	2627	2664	2701	2738	2775	2812	2849	2886	2923	2960	2997	
3800	2546	2584	2622	2660	2698	2736	2774	2812	2850	2888	2926	2964	3002	3040	3078	
3900	2613	2652	2691	2730	2769	2808	2847	2886	2925	2964	3003	3042	3081	3120	3159	
4000	2680	2720	2760	2800	2840	2880	2920	2960	3000	3040	3060	3120	3160	3200	3240	

## IANTD GAS MANAGEMENT PSIG / CUBIC FOOT CONVERSION TABLE

CYLINDER SIZE	PSIG	100	500	1000	1500	2000	2500	3000	3500	4000
	2475/70	2.80	14.10	28.30	42.40	56.60	70.70	84.80	99.00	113.10
	2640/45	1.70	8.50	17.00	25.60	34.10	42.60	51.10	59.70	68.20
	2640/66	2.50	12.50	25.00	37.50	50.00	62.50	75.00	87.50	100.00
	2640/85	3.22	16.10	32.20	48.30	64.40	80.50	96.60	112.70	128.80
	2640/95	3.60	18.00	36.00	54.00	72.00	90.00	108.00	125.90	143.90
	2640/104	3.90	19.70	39.40	59.10	78.80	98.50	118.20	137.90	157.60
	2640/108	4.10	20.50	40.90	61.40	81.80	102.30	122.70	143.20	163.60
	2640/121	4.60	22.90	45.80	68.80	91.70	114.60	137.50	160.40	183.30
	3000/70	2.30	11.70	23.30	35.00	46.70	58.30	70.00	81.70	93.30
	3000/80	2.70	13.30	26.70	40.00	53.30	66.70	80.00	93.30	106.70
	3190/95	3.00	14.90	29.80	44.70	59.60	74.50	89.30	104.20	119.10
	3190/120	3.80	18.80	37.60	56.40	75.20	94.00	112.90	131.70	150.50
	3190/140	4.40	21.90	43.90	65.80	87.80	109.70	131.70	153.60	175.50
	3500/65	1.90	9.30	18.60	27.90	37.10	46.40	55.70	65.00	74.30
	3500/80	2.30	11.40	22.90	34.30	45.70	57.10	68.60	80.00	91.40
	3500/100	2.90	14.30	28.60	42.90	57.10	71.40	85.70	100.00	114.30
3500/120	3.40	17.10	34.30	51.40	68.60	85.70	102.90	120.00	137.10	

**Warning: DO NOT attempt to use these tables unless you are fully trained & certified in the use of Gas Mixtures Other Than Air, or are under the supervision of a Gas Mixtures Other Than Air Instructor. Proper use of these tables will reduce the risk of decompression sickness & oxygen toxicity, but no table or computer can eliminate those risks.**



		SAC RATION FACTOR (SRF)																
		HIGHEST SAC																
		1.15	1.10	1.05	1.00	0.95	0.90	0.85	0.80	0.75	0.70	0.65	0.60	0.55	0.50	0.45	0.40	0.35
LOWEST SAC	1.15	0.67																
	1.10	0.67	0.67															
	1.05	0.68	0.67	0.67														
	1.00	0.68	0.68	0.67	0.67													
	0.95	0.69	0.68	0.68	0.67	0.67												
	0.90	0.69	0.69	0.68	0.68	0.67	0.67											
	0.85	0.70	0.70	0.69	0.69	0.68	0.67	0.67										
	0.80	0.71	0.70	0.70	0.69	0.69	0.68	0.67	0.67									
	0.75	0.72	0.71	0.71	0.70	0.69	0.69	0.68	0.67	0.67								
	0.70	0.73	0.72	0.71	0.71	0.70	0.70	0.69	0.68	0.67	0.67							
	0.65	0.73	0.73	0.72	0.72	0.71	0.70	0.70	0.69	0.68	0.68	0.67						
	0.60	0.74	0.74	0.73	0.73	0.72	0.71	0.71	0.70	0.69	0.68	0.68	0.67					
	0.55	0.76	0.75	0.74	0.74	0.73	0.73	0.72	0.71	0.70	0.69	0.69	0.68	0.67				
	0.50	0.77	0.76	0.76	0.75	0.74	0.74	0.73	0.72	0.71	0.71	0.70	0.69	0.68	0.67			
	0.45	0.78	0.78	0.77	0.76	0.76	0.75	0.74	0.74	0.73	0.72	0.71	0.70	0.69	0.68	0.67		
	0.40	0.79	0.79	0.78	0.78	0.77	0.76	0.76	0.75	0.74	0.73	0.72	0.71	0.70	0.69	0.68	0.67	
0.35	0.81	0.81	0.80	0.79	0.79	0.78	0.77	0.77	0.76	0.75	0.74	0.73	0.72	0.71	0.70	0.68	0.67	



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