

» Pressure temperature CHART



Temp °C	R134a	R406A	R413A (149)	R22	R417A (159)	R410A	R407C	R404A	R507	R422A (179)	R403B (169L)	R717	Temp °C
-60				-63	-54	-36			-47		-35		-60
-58				-58	-49	-28			-41		-27		-58
-56				-53	-44	-20			-35		-22		-56
-54				-48	-38	-11			-28		-15		-54
-52				-42	-32	-1			-20		5		-52
-50			-50	-36	-25	9		-23	-12		1	41	-50
-48			-45	-29	-18	21		-15	-3		12	47	-48
-46			-39	-21	-11	33		-6	7	14	24	51	-46
-44			-33	-13	-2	46		4	17	24	35	58	-44
-42			-27	-5	7	61		15	28	34	47	63	-42
-40	-47	-43	-20	5	16	76		26	40	48	60	72	-40
-38	-41	-37	-12	15	26	93		39	53	58	73	81	-38
-36	-35	-30	-4	26	37	111	6	52	67	78	88	88	-36
-34	-28	-24	4	38	49	130	11	66	82	92	104	99	-34
-32	-21	-16	14	50	61	150	23	81	98	103	118	108	-32
-30	-14	-9	24	63	74	172	37	97	114	117	138	120	-30
-28	-5	0	34	78	88	195	52	114	132	137	157	133	-28
-26	3	9	45	93	103	219	68	133	151	158	178	144	-26
-24	14	19	57	109	119	245	77	152	171	179	199	160	-24
-22	26	29	70	126	135	273	94	173	193	199	220	172	-22
-20	39	40	84	145	153	303	113	195	216	220	243	190	-20
-18	49	52	98	164	171	334	134	219	240	241	267	210	-18
-16	59	65	114	185	191	367	156	243	265	268	295	225	-16
-14	72	78	130	207	211	402	168	270	292	289	320	248	-14
-12	86	92	147	230	233	438	192	297	320	324	348	265	-12
-10	101	107	165	254	256	477	219	326	350	344	382	291	-10
-8	118	123	184	280	280	518	246	357	382	382	412	318	-8
-6	135	140	204	307	305	561	277	390	415	413	446	340	-6
-4	153	158	226	336	332	607	292	424	450	448	483	370	-4
-2	172	177	248	366	360	654	325	460	486	482	520	395	-2
0	192	197	272	397	389	704	359	498	525	516	560	429	0
2	211	217	297	431	420	757	397	537	565	551	603	466	2
4	229	240	323	466	452	812	436	579	608	592	644	496	4
6	253	263	350	502	485	869	456	623	652	633	689	536	6
8	283	287	379	540	520	930	499	669	698	675	732	569	8
10	313	313	409	581	557	993	543	716	747	716	783	615	10
12	342	340	441	622	595	1059	591	766	798	757	831	663	12
14	372	368	474	666	635	1128	641	819	851	813	886	702	14
16	403	397	508	712	676	1200	668	873	906	868	942	756	16
18	436	428	544	760	719	1275	722	929	964	923	998	798	18
20	469	461	582	810	764	1353	779	989	1024	978	1057	857	20
22	507	495	621	862	811	1435	839	1049	1087	1033	1113	920	22
24	544	530	662	916	859	1520	903	1119	1152	1088	1179	969	24
26	584	567	705	972	910	1608	835	1179	1221	1157	1244	1038	26
28	626	605	750	1031	962	1701	1003	1249	1291	1212	1313	1091	28
30	668	645	796	1092	1016	1797	1075	1329	1365	1309	1388	1167	30
32	715	687	844	1155	1073	1896	1150	1399	1442	1378	1462	1245	32
34	761	730	895	1221	1131	2000	1228	1479	1521	1460	1540	1307	34
36	811	775	947	1289	1192	2108	1269	1559	1604	1557	1620	1393	36
38	863	822	1001	1360	1254	2220	1352	1639	1689	1619	1700	1461	38
40	915	871	1057	1433	1319	2336	1441	1729	1778	1681	1784	1554	40
42	972	922	1115	1509	1386	2456	1532	1819	1870	1791	1872	1653	42
44	1029	974	1176	1588	1455	2581	1628	1909	1966	1867	1964	1729	44
46	1090	1029	1238	1670	1527	2710	1678	2009	2064	1942	2057	1835	46
48	1153	1085	1303	1754	1601	2844	1780	2109	2167	2073	2151	1918	48
50	1217	1144	1370	1842	1677	2983	1887	2209	2273	2204	2250	2033	50
52	1287	1204	1440	1932	1756	3126	1999	2319	2382	2300	2358		52
54	1356	1267	1512	2026	1837	3274	2114	2429	2496	2397	2464		54
56	1429	1331	1586	2123	1921	3428	2175	2549	2613	2528	2569		56
58	1505	1398	1663	2223	2007	3586	2299	2659	2734	2659	2682		58
60	1581	1468	1742	2326	2095	3749	2428	2789	2859	2149	2795		60
62	1662			2422		3917	2563	2901	2978				62
64	1746			2532		4090	2703	3032	3114				64
66	1833			2646		4267	2776		3255				66
68	1923			2763		4448			3402				68
70	2016			2884		4631			3554				70

» Pressure : kpa

» Conversionguide

	FROM	TO	MULTIPLY BY
POWER	Btu/Hr	Watts	0.29281
	Watts	Btu/Hr	3.412
	Watts	Kcal/h	0.86
	Kcal/h	Watts	1.163
	Watts	HP	0.001333
	HP	Watts	746
	Watts	Ton (Ref)	0.000284
	Ton (Ref)	Watts	3517
	Kw's	KJ/h	3600

	FROM	TO	MULTIPLY BY
PRESSURE	kPa	PSI	0.145038
	PSI	kPa	6.89
	kPa	Inch HG	0.2953
	Inch Hg	kPa	3.39
	kPa	Bar	0.1
	Bar	kPa	100
	Bar	PSI	14.5038

TEMPERATURE °C = (°F - 32) 5/9 °F = (9/5 x °C) + 32

	FROM	TO	MULTIPLY BY
FLOW	CFM	l/sec	0.472
	CFM	m³/s	0.000472
	GPM (Imp)	l/sec	0.0757
	GPM (U.S)	l/sec	0.06309
	l/sec	m3/hr	3.6
VELOCITY	ft/min (fpm)	m/s	0.00508
	ft/sec (fps)	m/s	0.3048
	mph	kph	1.609
	knot	kph	1.852

» New Zealand

Auckland Head Office 88 Carbine Rd, Ph (09) 573 0060 Mt Wellington Fax (09) 573 0061	Hastings 308 Albert St, Ph (06) 876 3816 Hastings Fax (06) 876 3817	Wellington 116 Hutt Rd, Ph (04) 568 5052 Petone Fax (04) 568 5051
Auckland North Shore 8B Vega Place, Ph (09) 478 0088 Albany, North Shore Fax (09) 478 0084	Tauranga 1/81 Birch Ave, Ph (07) 579 5590 Tauranga Fax (07) 579 5592	Nelson 53A Bolt Rd, Ph (03) 547 1294 Tahunanui Fax (03) 547 1288
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