



Panel Radiator Ratings

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PROJECT:

DATE:

LOCATION:

ARCHITECT:

ENGINEER:

CONTRACTOR:

P.O. NUMBER

BTU RATINGS for PR PANEL RADIATORS

MODEL TYPE	BTU/Ft/Hr @ LISTED AWT & 65°f EAT								
	215° F	190° F	180° F	170° F	160° F	150° F	140° F	130° F	120° F
	PR 01	231	181	162	144	127	109	93	77
PR 02	416	326	292	260	228	197	167	139	112
PR 03	615	483	433	384	337	292	248	206	165
PR 04	811	636	571	507	445	385	327	271	218
PR 05	1012	794	712	632	555	480	408	338	272
PR 06	1219	956	858	761	668	578	491	407	327
PR 07	1429	1122	1006	893	784	678	576	478	384
PR 08	1638	1285	1153	1023	898	777	660	547	440
PR 09	1846	1449	1300	1154	1013	876	744	617	496
PR 10	2057	1614	1448	1285	1128	976	829	688	552

BTU RATINGS for PR2 PANEL RADIATORS

MODEL TYPE	BTU/Ft/Hr @ LISTED AWT & 65°f EAT								
	215° F	190° F	180° F	170° F	160° F	150° F	140° F	130° F	120° F
PR2 01	480	374	331	293	254	216	192	158	125
PR2 02	862	672	595	526	457	388	345	284	224
PR2 03	1274	994	879	777	675	573	510	420	331
PR2 04	1680	1310	1159	1025	890	756	672	554	437
PR2 05	2096	1635	1446	1279	1111	943	838	692	545
PR2 06	2524	1969	1742	1540	1338	1136	1010	833	656
PR2 07	2960	2309	2042	1806	1569	1332	1184	977	770
PR2 08	3392	2646	2340	2069	1798	1526	1357	1119	882
PR2 09	3820	2980	2636	2330	2025	1719	1528	1261	993
PR2 10	4260	3323	2939	2599	2258	1917	1704	1406	1108

BTU RATINGS for PRF PANEL RADIATORS

MODEL TYPE	BTU/Ft/Hr @ LISTED AWT & 65°f EAT								
	215° F	190° F	180° F	170° F	160° F	150° F	140° F	130° F	120° F
PRF 01	545	427	383	340	299	258	219	182	146
PRF 02	867	680	610	542	476	411	349	290	233
PRF 03	1118	878	787	699	613	530	451	374	300
PRF 04	1351	1060	951	844	741	641	544	452	363
PRF 05	1718	1348	1209	1073	942	815	692	574	461
PRF 06	1981	1555	1394	1238	1087	940	798	662	532
PRF 07	2145	1762	1580	1403	1232	1065	905	751	603
PRF 08	2387	1873	1680	1491	1309	1132	962	798	641
PRF 09	2527	1983	1779	1579	1386	1199	1018	845	679
PRF 10	2660	2088	1872	1662	1459	1262	1072	889	715

BTU RATINGS for PR2F PANEL RADIATORS

MODEL TYPE	BTU/Ft/Hr @ LISTED AWT & 65°f EAT								
	215° F	190° F	180° F	170° F	160° F	150° F	140° F	130° F	120° F
PR2F 01	979	769	689	612	537	465	395	327	263
PR2F 02	1589	1247	1118	993	872	754	640	531	427
PR2F 03	2019	1584	1421	1261	1108	958	813	675	542
PR2F 04	2417	1897	1701	1510	1326	1147	974	808	649
PR2F 05	3094	2498	2177	1933	1697	1457	1246	1034	831
PR2F 06	3470	2723	2443	2168	1904	1646	1398	1160	932
PR2F 07	3846	3018	2707	2403	2110	1824	1549	1286	1033
PR2F 08	4211	3304	2963	2631	2310	1997	1696	1408	1131
PR2F 09	4432	3478	3119	2769	2431	2102	1785	1481	1190
PR2F 10	4644	3645	3269	2901	2548	2203	1871	1552	1247

BTU RATINGS for PR3F PANEL RADIATORS

MODEL TYPE	BTU/Ft/Hr @ LISTED AWT & 65°f EAT								
	215° F	190° F	180° F	170° F	160° F	150° F	140° F	130° F	120° F
PR3F 01	1299	1020	914	812	713	616	523	434	349
PR3F 02	2014	1581	1418	1258	1105	955	811	673	541
PR3F 03	2572	2018	1810	1607	1411	1220	1036	860	691
PR3F 04	3082	2418	2169	1925	1690	1462	1241	1030	828
PR3F 05	3788	2973	2666	2367	2078	1797	1526	1266	1017
PR3F 06	4263	3345	3000	2663	2338	2022	1717	1425	1145
PR3F 07	4738	3718	3335	2960	2599	2247	1909	1584	1273
PR3F 08	5200	4080	3660	3248	2852	2466	2095	1738	1396
PR3F 09	5451	4278	3836	3405	2990	2585	2196	1822	1464
PR3F 10	5691	4466	4005	3556	3122	2699	2293	1902	1528

BTU RATINGS for PRC PANEL RADIATORS

MODEL TYPE	BTU/Ft/Hr @ LISTED AWT & 65°f EAT								
	215° F	190° F	180° F	170° F	160° F	150° F	140° F	130° F	120° F
PRC 01	144	113	101	90	79	68	58	48	39
PRC 02	271	213	191	169	149	129	109	91	73
PRC 03	401	315	282	250	220	190	162	134	108
PRC 04	528	415	372	330	290	251	213	177	142
PRC 05	659	517	464	412	362	313	266	220	177
PRC 06	795	624	559	496	436	377	320	266	213
PRC 07	932	731	656	582	511	442	375	311	250
PRC 08	1067	837	751	667	585	506	430	357	287
PRC 09	1203	944	847	752	660	571	485	402	323
PRC 10	1340	1052	943	837	735	636	540	448	360

BTU RATINGS for PRV PANEL RADIATORS

MODEL TYPE	BTU/Ft/Hr @ LISTED AWT & 65°f EAT								
	215° F	190° F	180° F	170° F	160° F	150° F	140° F	130° F	120° F
	PRV 01	200	157	141	125	110	95	80	67
PRV 02	399	313	281	249	219	189	161	133	107
PRV 03	599	470	421	374	329	284	241	200	161
PRV 04	798	627	562	499	438	379	322	267	214
PRV 05	998	783	702	624	548	473	402	334	268
PRV 06	1198	940	843	748	657	568	483	400	322
PRV 07	1397	1097	983	873	767	663	563	467	375
PRV 08	1597	1253	1124	998	876	757	643	534	429
PRV 09	1796	1410	1264	1122	986	852	724	601	483
PRV 10	1996	1566	1405	1247	1095	947	808	667	536

**CORRECTION FACTORS FOR WATER TEMPERATURES
AND AIR TEMPERATURES OTHER THAN STANDARD**

AWT	EAT ▼										
	45°F	50°F	55°F	60°F	65°F	70°F	75°F	80°F	85°F	90°F	95°F
240°F	1.365	1.350	1.304	1.266	1.220	1.171	1.124	1.086	1.039	1.0	.953
235°F	1.343	1.305	1.267	1.219	1.171	1.124	1.086	1.038	1.0	.952	.910
230°F	1.305	1.267	1.219	1.171	1.124	1.086	1.038	1.0	.952	.910	.868
225°F	1.267	1.219	1.171	1.124	1.086	1.038	1.0	.952	.910	.868	.826
220°F	1.219	1.171	1.124	1.086	1.038	1.0	.952	.910	.868	.826	.785
215°F ▶	1.171	1.124	1.086	1.038	1.0	.952	.910	.868	.826	.785	.744
210°F	1.124	1.086	1.038	1.0	.952	.910	.868	.826	.785	.744	.704
205°F	1.086	1.038	1.0	.952	.910	.868	.826	.785	.744	.704	.664
200°F	1.038	1.0	.952	.910	.868	.826	.785	.744	.704	.664	.625
195°F	1.0	.952	.910	.868	.826	.785	.744	.704	.664	.625	.587
190°F	.952	.910	.868	.826	.785	.744	.704	.664	.625	.587	.549
185°F	.910	.868	.826	.785	.744	.704	.664	.625	.587	.549	.511
180°F	.868	.826	.785	.744	.704	.664	.625	.587	.549	.511	.474
175°F	.826	.785	.744	.704	.664	.625	.587	.549	.511	.474	.438
170°F	.785	.744	.704	.664	.625	.587	.549	.511	.474	.438	.403
165°F	.744	.704	.664	.625	.587	.549	.511	.474	.438	.403	.369
160°F	.704	.664	.625	.587	.549	.511	.474	.438	.403	.369	.334
155°F	.664	.625	.587	.549	.511	.474	.438	.403	.369	.334	.301
150°F	.625	.587	.549	.511	.474	.438	.403	.369	.334	.301	.269
145°F	.587	.549	.511	.474	.438	.403	.369	.334	.301	.269	.237
140°F	.549	.511	.474	.438	.403	.369	.334	.301	.269	.237	.207
135°F	.511	.474	.438	.403	.369	.334	.301	.269	.237	.207	.177
130°F	.474	.438	.403	.369	.334	.301	.269	.237	.207	.177	.149
125°F	.438	.403	.369	.334	.301	.269	.237	.207	.177	.149	.122
120°F	.403	.369	.334	.301	.269	.237	.207	.177	.149	.122	.096
115°F	.369	.334	.301	.269	.237	.207	.177	.149	.122	.096	.071
110°F	.334	.301	.269	.237	.207	.177	.149	.122	.096	.071	.500
105°F	.301	.269	.237	.207	.177	.149	.122	.096	.071	.500	.030
100°F	.269	.237	.207	.177	.149	.122	.096	.071	.500	.030	.011

EXAMPLE: To find the BTUH/ft Rating for an PRF-4 Panel at 145°F AWT and 65°F EAT, Multiply the Correction Factor (0.438) by the BTUH/ft Rating at 215°F (1351), e.g. (0.438) X (1351) = 592 BTUH/ft