TOSOT

Multi Ultra



EXTENDED RATINGS

Outdoor Unit

MODELS:

TM18HX5O
TM24HX5O
TM36HX5O
TM42HX5O

EXTENDED RATINGS	TM18H5O

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature														
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
135%	0°F	11182	8769	78%	12.1	921	11822	9262	78%	12.2	969	13018	10214	78%	12.8	1020
	5°F	11573	9076	78%	12.0	961	12235	9586	78%	12.1	1012	13473	10571	78%	12.7	1065
	14°F	12122	9507	78%	12.1	1002	12806	10040	78%	12.1	1055	14453	11336	78%	13.0	1110
	23°F	13281	10418	78%	12.8	1042	14206	11143	78%	13.0	1097	16277	12766	78%	14.1	1155
	32°F	14113	11069	78%	13.0	1083	14909	11693	78%	13.1	1140	16826	13193	78%	14.0	1200
	41°F	14620	11467	78%	13.0	1124	15440	12109	78%	13.1	1183	17644	13835	78%	14.2	1245
	50°F	14875	11666	78%	12.8	1164	15910	12478	78%	13.0	1226	18230	14294	78%	14.1	1290
	59°F	16106	12631	78%	13.4	1205	17227	13510	78%	13.6	1268	18867	14793	78%	14.1	1335
	68°F	18240	14306	78%	14.7	1245	19380	15197	78%	14.8	1311	20710	16243	78%	15.0	1380
	77°F	18025	14139	78%	14.0	1286	19171	15037	78%	14.2	1354	20520	16096	78%	14.4	1425
	86°F	17138	13440	78%	12.9	1327	18278	14338	78%	13.1	1397	19950	15647	78%	13.6	1470
	95°F	16220	12721	78%	12.0	1354	17353	13607	78%	12.2	1425	19000	14902	78%	12.7	1500
	104°F	15434	12105	78%	10.9	1421	16562	12991	78%	11.1	1496	18506	14517	78%	11.8	1575
	113°F	15035	11791	78%	10.1	1489	16169	12676	78%	10.3	1568	18113	14203	78%	11.0	1650
	122°F	14643	11483	78%	9.4	1557	15770	12368	78%	9.6	1639	17721	13895	78%	10.3	1725
	129°F	14250	11175	78%	8.6	1650	15200	11919	78%	8.8	1725	17100	13414	78%	9.5	1800
120%	0°F	11182	8769	78%	12.1	921	11822	9262	78%	12.2	969	13018	10214	78%	12.8	1020
	5°F	11573	9076	78%	12.0	961	12235	9586	78%	12.1	1012	13473	10571	78%	12.7	1065
	14°F	12122	9507	78%	12.1	1002	12806	10040	78%	12.1	1055	14453	11336	78%	13.0	1110
	23°F	13281	10418	78%	12.8	1042	14206	11143	78%	13.0	1097	16277	12766	78%	14.1	1155
	32°F	14113	11069	78%	13.0	1083	14909	11693	78%	13.1	1140	16826	13193	78%	14.0	1200
	41°F	14620	11467	78%	13.0	1124	15440	12109	78%	13.1	1183	17644	13835	78%	14.2	1245
	50°F	14875	11666	78%	12.8	1164	15910	12478	78%	13.0	1226	18230	14294	78%	14.1	1290
	59°F	16106	12631	78%	13.4	1205	17227	13510	78%	13.6	1268	18867	14793	78%	14.1	1335
	68°F	18240	14306	78%	14.7	1245	19380	15197	78%	14.8	1311	20710	16243	78%	15.0	1380
	77°F	18025	14139	78%	14.0	1286	19171	15037	78%	14.2	1354	20520	16096	78%	14.4	1425
	86°F	17138	13440	78%	12.9	1327	18278	14338	78%	13.1	1397	19950	15647	78%	13.6	1470
	95°F	16220	12721	78%	12.0	1354	17353	13607	78%	12.2	1425	19000	14902	78%	12.7	1500
	104°F	15434	12105	78%	10.9	1421	16562	12991	78%	11.1	1496	18506	14517	78%	11.8	1575
	113°F	15035	11791	78%	10.1	1489	16169	12676	78%	10.3	1568	18113	14203	78%	11.0	1650
	122°F	14643	11483	78%	9.4	1557	15770	12368	78%	9.6	1639	17721	13895	78%	10.3	1725
	129°F	14250	11175	78%	8.6	1650	15200	11919	78%	8.8	1725	17100	13414	78%	9.5	1800

EXTENDED RATINGS	TM18H5O

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature														
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
110%	0°F	11182	8769	78%	12.1	921	11822	9262	78%	12.2	969	13018	10214	78%	12.8	1020
	5°F	11573	9076	78%	12.0	961	12235	9586	78%	12.1	1012	13473	10571	78%	12.7	1065
	14°F	12122	9507	78%	12.1	1002	12806	10040	78%	12.1	1055	14453	11336	78%	13.0	1110
	23°F	13281	10418	78%	12.8	1042	14206	11143	78%	13.0	1097	16277	12766	78%	14.1	1155
	32°F	14113	11069	78%	13.0	1083	14909	11693	78%	13.1	1140	16826	13193	78%	14.0	1200
	41°F	14620	11467	78%	13.0	1124	15440	12109	78%	13.1	1183	17644	13835	78%	14.2	1245
	50°F	14875	11666	78%	12.8	1164	15910	12478	78%	13.0	1226	18230	14294	78%	14.1	1290
	59°F	16106	12631	78%	13.4	1205	17227	13510	78%	13.6	1268	18867	14793	78%	14.1	1335
	68°F	18240	14306	78%	14.7	1245	19380	15197	78%	14.8	1311	20710	16243	78%	15.0	1380
	77°F	18025	14139	78%	14.0	1286	19171	15037	78%	14.2	1354	20520	16096	78%	14.4	1425
	86°F	17138	13440	78%	12.9	1327	18278	14338	78%	13.1	1397	19950	15647	78%	13.6	1470
	95°F	16220	12721	78%	12.0	1354	17353	13607	78%	12.2	1425	19000	14902	78%	12.7	1500
	104°F	15434	12105	78%	10.9	1421	16562	12991	78%	11.1	1496	18506	14517	78%	11.8	1575
	113°F	15035	11791	78%	10.1	1489	16169	12676	78%	10.3	1568	18113	14203	78%	11.0	1650
	122°F	14643	11483	78%	9.4	1557	15770	12368	78%	9.6	1639	17721	13895	78%	10.3	1725
	129°F	14250	11175	78%	8.6	1650	15200	11919	78%	8.8	1725	17100	13414	78%	9.5	1800
100%	0°F	11182	8769	78%	12.1	921	11822	9262	78%	12.2	969	13018	10214	78%	12.8	1020
	5°F	11573	9076	78%	12.0	961	12235	9586	78%	12.1	1012	13473	10571	78%	12.7	1065
	14°F	12122	9507	78%	12.1	1002	12806	10040	78%	12.1	1055	14453	11336	78%	13.0	1110
	23°F	13281	10418	78%	12.8	1042	14206	11143	78%	13.0	1097	16277	12766	78%	14.1	1155
	32°F	14113	11069	78%	13.0	1083	14909	11693	78%	13.1	1140	16826	13193	78%	14.0	1200
	41°F	14620	11467	78%	13.0	1124	15440	12109	78%	13.1	1183	17644	13835	78%	14.2	1245
	50°F	14875	11666	78%	12.8	1164	15910	12478	78%	13.0	1226	18230	14294	78%	14.1	1290
	59°F	16106	12631	78%	13.4	1205	17227	13510	78%	13.6	1268	18867	14793	78%	14.1	1335
	68°F	18240	14306	78%	14.7	1245	19380	15197	78%	14.8	1311	20710	16243	78%	15.0	1380
	77°F	18025	14139	78%	14.0	1286	19171	15037	78%	14.2	1354	20520	16096	78%	14.4	1425
	86°F	17138	13440	78%	12.9	1327	18278	14338	78%	13.1	1397	19950	15647	78%	13.6	1470
	95°F	16220	12721	78%	12.0	1354	17353	13607	78%	12.2	1425	19000	14902	78%	12.7	1500
	104°F	15434	12105	78%	10.9	1421	16562	12991	78%	11.1	1496	18506	14517	78%	11.8	1575
	113°F	15035	11791	78%	10.1	1489	16169	12676	78%	10.3	1568	18113	14203	78%	11.0	1650
	122°F	14643	11483	78%	9.4	1557	15770	12368	78%	9.6	1639	17721	13895	78%	10.3	1725
	129°F	14250	11175	78%	8.6	1650	15200	11919	78%	8.8	1725	17100	13414	78%	9.5	1800

EXTENDED RATINGS	TM18H5O

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature														
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
90%	0°F	10399	8155	78%	11.8	884	10994	8614	78%	11.8	930	12107	9499	78%	12.4	979
	5°F	10763	8440	78%	11.7	923	11378	8915	78%	11.7	972	12530	9831	78%	12.3	1022
	14°F	11273	8842	78%	11.7	962	11910	9337	78%	11.8	1013	13441	10542	78%	12.6	1066
	23°F	12351	9689	78%	12.4	1000	13211	10363	78%	12.5	1053	15137	11872	78%	13.7	1109
	32°F	13125	10294	78%	12.6	1040	13866	10874	78%	12.7	1094	15649	12270	78%	13.6	1152
	41°F	13597	10664	78%	12.6	1079	14359	11261	78%	12.6	1136	16409	12866	78%	13.7	1195
	50°F	13833	10849	78%	12.4	1117	14797	11604	78%	12.6	1177	16954	13293	78%	13.7	1238
	59°F	14978	11747	78%	13.0	1157	16021	12565	78%	13.2	1217	17546	13758	78%	13.7	1282
	68°F	16963	13304	78%	14.2	1195	18023	14134	78%	14.3	1259	19260	15106	78%	14.5	1325
	77°F	16763	13149	78%	13.6	1235	17829	13984	78%	13.7	1300	19084	14969	78%	14.0	1368
	86°F	15938	12499	78%	12.5	1274	16999	13334	78%	12.7	1341	18554	14551	78%	13.2	1411
	95°F	15084	11831	78%	11.6	1300	16139	12654	78%	11.8	1368	17670	13859	78%	12.3	1440
	104°F	14354	11258	78%	10.5	1364	15402	12081	78%	10.7	1436	17211	13501	78%	11.4	1512
	113°F	13983	10966	78%	9.8	1429	15037	11789	78%	10.0	1505	16845	13209	78%	10.6	1584
	122°F	13618	10679	78%	9.1	1495	14666	11503	78%	9.3	1573	16480	12923	78%	10.0	1656
	129°F	13253	10393	78%	8.4	1584	14136	11085	78%	8.5	1656	15903	12475	78%	9.2	1728
80%	0°F	9169	7191	78%	11.6	792	9694	7595	78%	11.6	833	10675	8376	78%	12.2	877
	5°F	9490	7442	78%	11.5	826	10032	7860	78%	11.5	870	11048	8668	78%	12.1	916
	14°F	9940	7796	78%	11.5	862	10501	8233	78%	11.6	907	11851	9295	78%	12.4	955
	23°F	10890	8543	78%	12.2	896	11649	9137	78%	12.4	943	13347	10468	78%	13.4	993
	32°F	11573	9076	78%	12.4	931	12226	9588	78%	12.5	980	13798	10819	78%	13.4	1032
	41°F	11989	9403	78%	12.4	967	12661	9929	78%	12.4	1017	14468	11344	78%	13.5	1071
	50°F	12197	9566	78%	12.2	1001	13046	10232	78%	12.4	1054	14948	11721	78%	13.5	1109
	59°F	13207	10358	78%	12.7	1036	14126	11078	78%	13.0	1090	15471	12131	78%	13.5	1148
	68°F	14957	11731	78%	14.0	1071	15892	12462	78%	14.1	1127	16982	13319	78%	14.3	1187
	77°F	14780	11594	78%	13.4	1106	15720	12330	78%	13.5	1164	16826	13198	78%	13.7	1226
	86°F	14053	11021	78%	12.3	1141	14988	11757	78%	12.5	1201	16359	12830	78%	12.9	1264
	95°F	13300	10431	78%	11.4	1164	14230	11157	78%	11.6	1226	15580	12220	78%	12.1	1290
	104°F	12656	9926	78%	10.4	1222	13581	10652	78%	10.6	1287	15175	11904	78%	11.2	1355
	113°F	12329	9669	78%	9.6	1281	13259	10395	78%	9.8	1348	14853	11647	78%	10.5	1419
	122°F	12007	9416	78%	9.0	1339	12931	10142	78%	9.2	1410	14531	11394	78%	9.8	1484
	129°F	11685	9164	78%	8.2	1419	12464	9774	78%	8.4	1484	14022	10999	78%	9.1	1548

EXTENDED RATINGS	TM18H5O

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature														
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
70%	0°F	8051	6314	78%	11.5	700	8512	6669	78%	11.6	736	9373	7354	78%	12.1	775
	5°F	8332	6534	78%	11.4	730	8809	6902	78%	11.5	769	9700	7611	78%	12.0	809
	14°F	8728	6845	78%	11.5	762	9220	7229	78%	11.5	802	10406	8162	78%	12.3	844
	23°F	9562	7501	78%	12.1	792	10228	8023	78%	12.3	834	11719	9192	78%	13.4	878
	32°F	10161	7969	78%	12.4	823	10735	8419	78%	12.4	866	12115	9499	78%	13.3	912
	41°F	10527	8256	78%	12.3	854	11117	8718	78%	12.4	899	12704	9961	78%	13.4	946
	50°F	10710	8400	78%	12.1	885	11455	8984	78%	12.3	932	13126	10292	78%	13.4	980
	59°F	11596	9095	78%	12.7	916	12403	9727	78%	12.9	964	13584	10651	78%	13.4	1015
	68°F	13133	10300	78%	13.9	946	13954	10942	78%	14.0	996	14911	11695	78%	14.2	1049
	77°F	12978	10180	78%	13.3	977	13803	10827	78%	13.4	1029	14774	11589	78%	13.6	1083
	86°F	12339	9677	78%	12.2	1009	13160	10323	78%	12.4	1062	14364	11265	78%	12.9	1117
	95°F	11678	9159	78%	11.4	1029	12494	9797	78%	11.5	1083	13680	10730	78%	12.0	1140
	104°F	11113	8716	78%	10.3	1080	11924	9353	78%	10.5	1137	13324	10453	78%	11.1	1197
	113°F	10825	8490	78%	9.6	1132	11642	9127	78%	9.8	1192	13042	10226	78%	10.4	1254
	122°F	10543	8268	78%	8.9	1183	11354	8905	78%	9.1	1246	12759	10005	78%	9.7	1311
	129°F	10260	8046	78%	8.2	1254	10944	8582	78%	8.4	1311	12312	9658	78%	9.0	1368
60%	0°F	6933	5437	78%	11.4	608	7329	5742	78%	11.5	640	8071	6333	78%	12.0	673
	5°F	7175	5627	78%	11.3	634	7585	5943	78%	11.4	668	8353	6554	78%	11.9	703
	14°F	7516	5894	78%	11.4	661	7940	6225	78%	11.4	696	8961	7028	78%	12.2	733
	23°F	8234	6459	78%	12.0	688	8808	6909	78%	12.2	724	10092	7915	78%	13.2	762
	32°F	8750	6862	78%	12.2	715	9244	7250	78%	12.3	752	10432	8180	78%	13.2	792
	41°F	9065	7109	78%	12.2	742	9573	7507	78%	12.3	781	10939	8577	78%	13.3	822
	50°F	9222	7233	78%	12.0	768	9864	7736	78%	12.2	809	11303	8862	78%	13.3	851
	59°F	9986	7831	78%	12.6	795	10681	8376	78%	12.8	837	11698	9172	78%	13.3	881
	68°F	11309	8870	78%	13.8	822	12016	9422	78%	13.9	865	12840	10071	78%	14.1	911
	77°F	11175	8766	78%	13.2	849	11886	9323	78%	13.3	894	12722	9979	78%	13.5	941
	86°F	10626	8333	78%	12.1	876	11332	8889	78%	12.3	922	12369	9701	78%	12.8	970
	95°F	10056	7887	78%	11.3	894	10759	8436	78%	11.4	941	11780	9239	78%	11.9	990
	104°F	9569	7505	78%	10.2	938	10268	8054	78%	10.4	987	11474	9001	78%	11.0	1040
	113°F	9322	7310	78%	9.5	983	10025	7859	78%	9.7	1035	11230	8806	78%	10.3	1089
	122°F	9078	7120	78%	8.8	1028	9777	7668	78%	9.0	1082	10987	8615	78%	9.7	1139
	129°F	8835	6929	78%	8.1	1089	9424	7390	78%	8.3	1139	10602	8317	78%	8.9	1188

EXTENDED RATINGS	TM18H5O

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature														
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
50%	0°F	5815	4560	78%	11.3	516	6147	4816	78%	11.3	543	6769	5311	78%	11.9	571
	5°F	6018	4719	78%	11.2	538	6362	4985	78%	11.2	567	7006	5497	78%	11.8	596
	14°F	6303	4944	78%	11.2	561	6659	5221	78%	11.3	591	7515	5894	78%	12.1	622
	23°F	6906	5417	78%	11.8	584	7387	5794	78%	12.0	614	8464	6638	78%	13.1	647
	32°F	7339	5756	78%	12.1	606	7753	6080	78%	12.1	638	8750	6861	78%	13.0	672
	41°F	7603	5963	78%	12.1	629	8029	6297	78%	12.1	662	9175	7194	78%	13.2	697
	50°F	7735	6066	78%	11.9	652	8273	6489	78%	12.1	687	9480	7433	78%	13.1	722
	59°F	8375	6568	78%	12.4	675	8958	7025	78%	12.6	710	9811	7693	78%	13.1	748
	68°F	9485	7439	78%	13.6	697	10078	7903	78%	13.7	734	10769	8446	78%	13.9	773
	77°F	9373	7352	78%	13.0	720	9969	7819	78%	13.2	758	10670	8370	78%	13.4	798
	86°F	8912	6989	78%	12.0	743	9505	7456	78%	12.2	782	10374	8136	78%	12.6	823
	95°F	8434	6615	78%	11.1	758	9024	7075	78%	11.3	798	9880	7749	78%	11.8	840
	104°F	8026	6295	78%	10.1	796	8612	6755	78%	10.3	838	9623	7549	78%	10.9	882
	113°F	7818	6131	78%	9.4	834	8408	6592	78%	9.6	878	9419	7386	78%	10.2	924
	122°F	7614	5971	78%	8.7	872	8200	6432	78%	8.9	918	9215	7226	78%	9.5	966
	129°F	7410	5811	78%	8.0	924	7904	6198	78%	8.2	966	8892	6975	78%	8.8	1008

EXTENDED RATINGS **TM18H5O**

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
135%	-31°F	-32°F	21200	1.3	4640	20924	1.3	4742	20394	1.2	4849
	-22°F	-22.5°F	21350	1.4	4358	21072	1.4	4453	20539	1.3	4554
	-13°F	-14°F	21500	1.6	4075	21221	1.5	4165	20683	1.4	4258
	-5°F	-6°F	21633	1.7	3824	21352	1.6	3908	20811	1.5	3996
	0°F	-1°F	21717	1.7	3667	21434	1.7	3748	20891	1.6	3832
	5°F	3°F	21800	1.8	3510	21517	1.8	3587	20972	1.7	3668
	10°F	8°F	21467	1.9	3298	21188	1.8	3370	20651	1.8	3446
	17°F	15°F	21000	2.1	3000	20727	2.0	3066	20202	1.9	3135
	19°F	16°F	21333	2.1	2987	21056	2.0	3052	20523	1.9	3121
	24°F	21°F	22167	2.2	2953	21879	2.1	3018	21324	2.0	3086
	32°F	29°F	23500	2.4	2900	23195	2.3	2964	22607	2.2	3031
	41°F	37°F	25000	2.6	2840	24675	2.5	2902	24050	2.4	2968
	43°F	39°F	25333	2.6	2827	25004	2.5	2889	24371	2.4	2954
	47°F	43°F	26000	2.7	2800	25662	2.6	2862	25012	2.5	2926
	53°F	49°F	24240	3.1	2280	23573	3.5	2003	23079	3.3	2066
	59°F	54°F	22316	3.3	1999	21695	3.1	2022	21236	3.0	2086
	64°F	59°F	22788	3.6	1833	22160	3.5	1854	21695	3.3	1913
	70°F	64°F	23220	3.7	1862	22579	3.5	1883	22100	3.3	1943
	75°F	69°F	23544	4.1	1701	22896	3.9	1721	22417	3.7	1775
	78°F	72°F	23760	4.1	1717	23105	3.9	1736	22619	3.7	1791
120%	-31°F	-32°F	21200	1.3	4640	20924	1.3	4742	20394	1.2	4849
	-22°F	-22.5°F	21350	1.4	4358	21072	1.4	4453	20539	1.3	4554
	-13°F	-14°F	21500	1.6	4075	21221	1.5	4165	20683	1.4	4258
	-5°F	-6°F	21633	1.7	3824	21352	1.6	3908	20811	1.5	3996
	0°F	-1°F	21717	1.7	3667	21434	1.7	3748	20891	1.6	3832
	5°F	3°F	21800	1.8	3510	21517	1.8	3587	20972	1.7	3668
	10°F	8°F	21467	1.9	3298	21188	1.8	3370	20651	1.8	3446
	17°F	15°F	21000	2.1	3000	20727	2.0	3066	20202	1.9	3135
	19°F	16°F	21333	2.1	2987	21056	2.0	3052	20523	1.9	3121
	24°F	21°F	22167	2.2	2953	21879	2.1	3018	21324	2.0	3086
	32°F	29°F	23500	2.4	2900	23195	2.3	2964	22607	2.2	3031
	41°F	37°F	25000	2.6	2840	24675	2.5	2902	24050	2.4	2968
	43°F	39°F	25333	2.6	2827	25004	2.5	2889	24371	2.4	2954
	47°F	43°F	26000	2.7	2800	25662	2.6	2862	25012	2.5	2926
	53°F	49°F	24240	3.1	2280	23573	3.5	2003	23079	3.3	2066
	59°F	54°F	22316	3.3	1999	21695	3.1	2022	21236	3.0	2086
	64°F	59°F	22788	3.6	1833	22160	3.5	1854	21695	3.3	1913
	70°F	64°F	23220	3.7	1862	22579	3.5	1883	22100	3.3	1943
	75°F	69°F	23544	4.1	1701	22896	3.9	1721	22417	3.7	1775
	78°F	72°F	23760	4.1	1717	23105	3.9	1736	22619	3.7	1791

EXTENDED RATINGS **TM18H5O**

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
110%	-31°F	-32°F	21200	1.3	4640	20924	1.3	4742	20394	1.2	4849
	-22°F	-22.5°F	21350	1.4	4358	21072	1.4	4453	20539	1.3	4554
	-13°F	-14°F	21500	1.6	4075	21221	1.5	4165	20683	1.4	4258
	-5°F	-6°F	21633	1.7	3824	21352	1.6	3908	20811	1.5	3996
	0°F	-1°F	21717	1.7	3667	21434	1.7	3748	20891	1.6	3832
	5°F	3°F	21800	1.8	3510	21517	1.8	3587	20972	1.7	3668
	10°F	8°F	21467	1.9	3298	21188	1.8	3370	20651	1.8	3446
	17°F	15°F	21000	2.1	3000	20727	2.0	3066	20202	1.9	3135
	19°F	16°F	21333	2.1	2987	21056	2.0	3052	20523	1.9	3121
	24°F	21°F	22167	2.2	2953	21879	2.1	3018	21324	2.0	3086
	32°F	29°F	23500	2.4	2900	23195	2.3	2964	22607	2.2	3031
	41°F	37°F	25000	2.6	2840	24675	2.5	2902	24050	2.4	2968
	43°F	39°F	25333	2.6	2827	25004	2.5	2889	24371	2.4	2954
	47°F	43°F	26000	2.7	2800	25662	2.6	2862	25012	2.5	2926
	53°F	49°F	24240	3.1	2280	23573	3.5	2003	23079	3.3	2066
	59°F	54°F	22316	3.3	1999	21695	3.1	2022	21236	3.0	2086
	64°F	59°F	22788	3.6	1833	22160	3.5	1854	21695	3.3	1913
	70°F	64°F	23220	3.7	1862	22579	3.5	1883	22100	3.3	1943
	75°F	69°F	23544	4.1	1701	22896	3.9	1721	22417	3.7	1775
	78°F	72°F	23760	4.1	1717	23105	3.9	1736	22619	3.7	1791
100%	-31°F	-32°F	21200	1.3	4640	20924	1.3	4742	20394	1.2	4849
	-22°F	-22.5°F	21350	1.4	4358	21072	1.4	4453	20539	1.3	4554
	-13°F	-14°F	21500	1.6	4075	21221	1.5	4165	20683	1.4	4258
	-5°F	-6°F	21633	1.7	3824	21352	1.6	3908	20811	1.5	3996
	0°F	-1°F	21717	1.7	3667	21434	1.7	3748	20891	1.6	3832
	5°F	3°F	21800	1.8	3510	21517	1.8	3587	20972	1.7	3668
	10°F	8°F	21467	1.9	3298	21188	1.8	3370	20651	1.8	3446
	17°F	15°F	21000	2.1	3000	20727	2.0	3066	20202	1.9	3135
	19°F	16°F	21333	2.1	2987	21056	2.0	3052	20523	1.9	3121
	24°F	21°F	22167	2.2	2953	21879	2.1	3018	21324	2.0	3086
	32°F	29°F	23500	2.4	2900	23195	2.3	2964	22607	2.2	3031
	41°F	37°F	25000	2.6	2840	24675	2.5	2902	24050	2.4	2968
	43°F	39°F	25333	2.6	2827	25004	2.5	2889	24371	2.4	2954
	47°F	43°F	26000	2.7	2800	25662	2.6	2862	25012	2.5	2926
	53°F	49°F	24240	3.1	2280	23573	3.5	2003	23079	3.3	2066
	59°F	54°F	22316	3.3	1999	21695	3.1	2022	21236	3.0	2086
	64°F	59°F	22788	3.6	1833	22160	3.5	1854	21695	3.3	1913
	70°F	64°F	23220	3.7	1862	22579	3.5	1883	22100	3.3	1943
	75°F	69°F	23544	4.1	1701	22896	3.9	1721	22417	3.7	1775
	78°F	72°F	23760	4.1	1717	23105	3.9	1736	22619	3.7	1791

EXTENDED RATINGS — TM18H5O

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
90%	-31°F	-32°F	20140	1.3	4454	19878	1.3	4552	19374	1.2	4655
	-22°F	-22.5°F	20283	1.4	4184	20018	1.4	4275	19512	1.3	4372
	-13°F	-14°F	20425	1.5	3912	20160	1.5	3998	19649	1.4	4088
	-5°F	-6°F	20551	1.6	3671	20284	1.6	3752	19770	1.5	3836
	0°F	-1°F	20631	1.7	3520	20362	1.7	3598	19846	1.6	3679
	5°F	3°F	20710	1.8	3370	20441	1.7	3444	19923	1.7	3521
	10°F	8°F	20394	1.9	3166	20129	1.8	3235	19618	1.7	3308
	17°F	15°F	19950	2.0	2880	19691	2.0	2943	19192	1.9	3010
	19°F	16°F	20266	2.1	2868	20003	2.0	2930	19497	1.9	2996
	24°F	21°F	21059	2.2	2835	20785	2.1	2897	20258	2.0	2963
	32°F	29°F	22325	2.4	2784	22035	2.3	2845	21477	2.2	2910
	41°F	37°F	23750	2.6	2726	23441	2.5	2786	22848	2.4	2849
	43°F	39°F	24066	2.6	2714	23754	2.5	2773	23152	2.4	2836
	47°F	43°F	24700	2.7	2688	24379	2.6	2748	23761	2.5	2809
	53°F	49°F	23028	3.1	2189	22394	3.4	1923	21925	3.2	1983
	59°F	54°F	21200	3.2	1919	20610	3.1	1941	20174	3.0	2003
	64°F	59°F	21649	3.6	1760	21052	3.5	1780	20610	3.3	1836
	70°F	64°F	22059	3.6	1788	21450	3.5	1808	20995	3.3	1865
	75°F	69°F	22367	4.0	1633	21751	3.9	1652	21296	3.7	1704
	78°F	72°F	22572	4.0	1648	21950	3.9	1667	21488	3.7	1719
80%	-31°F	-32°F	17808	1.3	3990	17576	1.3	4078	17131	1.2	4170
	-22°F	-22.5°F	17934	1.4	3748	17700	1.4	3830	17253	1.3	3916
	-13°F	-14°F	18060	1.5	3505	17826	1.5	3582	17374	1.4	3662
	-5°F	-6°F	18172	1.6	3289	17936	1.6	3361	17481	1.5	3437
	0°F	-1°F	18242	1.7	3154	18005	1.6	3223	17548	1.6	3296
	5°F	3°F	18312	1.8	3019	18074	1.7	3085	17616	1.6	3154
	10°F	8°F	18032	1.9	2836	17798	1.8	2898	17347	1.7	2964
	17°F	15°F	17640	2.0	2580	17411	1.9	2637	16970	1.8	2696
	19°F	16°F	17920	2.0	2569	17687	2.0	2625	17239	1.9	2684
	24°F	21°F	18620	2.2	2540	18378	2.1	2595	17912	2.0	2654
	32°F	29°F	19740	2.3	2494	19484	2.2	2549	18990	2.1	2607
	41°F	37°F	21000	2.5	2442	20727	2.4	2496	20202	2.3	2552
	43°F	39°F	21280	2.6	2431	21003	2.5	2485	20472	2.4	2540
	47°F	43°F	21840	2.7	2408	21556	2.6	2461	21010	2.5	2516
	53°F	49°F	20362	3.0	1961	19801	3.4	1723	19386	3.2	1777
	59°F	54°F	18745	3.2	1719	18224	3.1	1739	17838	2.9	1794
	64°F	59°F	19142	3.6	1576	18614	3.4	1594	18224	3.3	1645
	70°F	64°F	19505	3.6	1601	18966	3.4	1619	18564	3.3	1671
	75°F	69°F	19777	4.0	1463	19233	3.8	1480	18830	3.6	1527
	78°F	72°F	19958	4.0	1477	19408	3.8	1493	19000	3.6	1540

EXTENDED RATINGS **TM18H5O**

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
70%	-31°F	-32°F	15476	1.3	3526	15275	1.2	3604	14888	1.2	3685
	-22°F	-22.5°F	15586	1.4	3312	15383	1.3	3384	14993	1.3	3461
	-13°F	-14°F	15695	1.5	3097	15491	1.4	3165	15099	1.4	3236
	-5°F	-6°F	15792	1.6	2906	15587	1.5	2970	15192	1.5	3037
	0°F	-1°F	15853	1.7	2787	15647	1.6	2848	15250	1.5	2912
	5°F	3°F	15914	1.8	2668	15707	1.7	2726	15310	1.6	2788
	10°F	8°F	15671	1.8	2506	15467	1.8	2561	15075	1.7	2619
	17°F	15°F	15330	2.0	2280	15131	1.9	2330	14747	1.8	2383
	19°F	16°F	15573	2.0	2270	15371	1.9	2320	14982	1.9	2372
	24°F	21°F	16182	2.1	2244	15972	2.0	2294	15567	2.0	2345
	32°F	29°F	17155	2.3	2204	16932	2.2	2253	16503	2.1	2304
	41°F	37°F	18250	2.5	2158	18013	2.4	2206	17557	2.3	2256
	43°F	39°F	18493	2.5	2149	18253	2.4	2196	17791	2.3	2245
	47°F	43°F	18980	2.6	2128	18733	2.5	2175	18259	2.4	2224
	53°F	49°F	17695	3.0	1733	17208	3.3	1522	16848	3.1	1570
	59°F	54°F	16291	3.1	1519	15837	3.0	1537	15502	2.9	1585
	64°F	59°F	16635	3.5	1393	16177	3.4	1409	15837	3.2	1454
	70°F	64°F	16951	3.5	1415	16483	3.4	1431	16133	3.2	1477
	75°F	69°F	17187	3.9	1293	16714	3.8	1308	16364	3.6	1349
	78°F	72°F	17345	3.9	1305	16867	3.8	1319	16512	3.6	1361
60%	-31°F	-32°F	13250	1.3	3062	13078	1.2	3130	12746	1.2	3200
	-22°F	-22.5°F	13344	1.4	2876	13170	1.3	2939	12837	1.3	3006
	-13°F	-14°F	13438	1.5	2690	13263	1.4	2749	12927	1.4	2810
	-5°F	-6°F	13521	1.6	2524	13345	1.5	2579	13007	1.5	2637
	0°F	-1°F	13573	1.6	2420	13396	1.6	2474	13057	1.5	2529
	5°F	3°F	13625	1.7	2317	13448	1.7	2367	13108	1.6	2421
	10°F	8°F	13417	1.8	2177	13243	1.7	2224	12907	1.7	2274
	17°F	15°F	13125	1.9	1980	12954	1.9	2024	12626	1.8	2069
	19°F	16°F	13333	2.0	1971	13160	1.9	2014	12827	1.8	2060
	24°F	21°F	13854	2.1	1949	13674	2.0	1992	13328	1.9	2037
	32°F	29°F	14688	2.3	1914	14497	2.2	1956	14129	2.1	2000
	41°F	37°F	15625	2.4	1874	15422	2.4	1915	15031	2.3	1959
	43°F	39°F	15833	2.5	1866	15628	2.4	1907	15232	2.3	1950
	47°F	43°F	16250	2.6	1848	16039	2.5	1889	15633	2.4	1931
	53°F	49°F	15150	3.0	1505	14733	3.3	1322	14424	3.1	1364
	59°F	54°F	13948	3.1	1319	13559	3.0	1335	13273	2.8	1377
	64°F	59°F	14243	3.5	1210	13850	3.3	1224	13559	3.2	1263
	70°F	64°F	14513	3.5	1229	14112	3.3	1243	13813	3.2	1282
	75°F	69°F	14715	3.8	1123	14310	3.7	1136	14011	3.5	1172
	78°F	72°F	14850	3.8	1133	14441	3.7	1146	14137	3.5	1182

EXTENDED RATINGS	TM18H5O

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
50%	-31°F	-32°F	11088	1.3	2598	10943	1.2	2656	10666	1.2	2715
	-22°F	-22.5°F	11166	1.3	2440	11021	1.3	2494	10742	1.2	2550
	-13°F	-14°F	11245	1.4	2282	11099	1.4	2332	10817	1.3	2384
	-5°F	-6°F	11314	1.6	2141	11167	1.5	2188	10884	1.4	2238
	0°F	-1°F	11358	1.6	2054	11210	1.6	2099	10926	1.5	2146
	5°F	3°F	11401	1.7	1966	11253	1.6	2009	10968	1.6	2054
	10°F	8°F	11227	1.8	1847	11081	1.7	1887	10800	1.6	1930
	17°F	15°F	10983	1.9	1680	10840	1.9	1717	10566	1.8	1756
	19°F	16°F	11157	2.0	1673	11012	1.9	1709	10734	1.8	1748
	24°F	21°F	11593	2.1	1654	11443	2.0	1690	11152	1.9	1728
	32°F	29°F	12291	2.2	1624	12131	2.1	1660	11823	2.0	1697
	41°F	37°F	13075	2.4	1590	12905	2.3	1625	12578	2.2	1662
	43°F	39°F	13249	2.5	1583	13077	2.4	1618	12746	2.3	1654
	47°F	43°F	13598	2.5	1568	13421	2.5	1603	13081	2.3	1639
	53°F	49°F	12678	2.9	1277	12329	3.2	1122	12070	3.1	1157
	59°F	54°F	11671	3.1	1119	11346	2.9	1132	11106	2.8	1168
	64°F	59°F	11918	3.4	1026	11590	3.3	1038	11346	3.1	1071
	70°F	64°F	12144	3.4	1043	11809	3.3	1054	11558	3.1	1088
	75°F	69°F	12314	3.8	953	11975	3.6	964	11724	3.5	994
	78°F	72°F	12426	3.8	962	12084	3.6	972	11830	3.5	1003

EXTENDED RATINGS	TM24H5O

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature														
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
135%	0°F	17067	13385	78%	15.2	1123	18044	14137	78%	15.3	1182	19870	15590	78%	16.0	1244
	5°F	17664	13852	78%	15.1	1173	18674	14631	78%	15.1	1234	20564	16135	78%	15.8	1299
	14°F	18502	14511	78%	15.1	1222	19546	15324	78%	15.2	1286	22059	17302	78%	16.3	1354
	23°F	20271	15901	78%	15.9	1272	21682	17008	78%	16.2	1339	24843	19485	78%	17.6	1409
	32°F	21541	16894	78%	16.3	1321	22756	17847	78%	16.4	1391	25682	20137	78%	17.5	1464
	41°F	22315	17502	78%	16.3	1371	23566	18482	78%	16.3	1443	26931	21116	78%	17.7	1519
	50°F	22704	17806	78%	16.0	1420	24284	19045	78%	16.2	1495	27825	21817	78%	17.7	1574
	59°F	24582	19279	78%	16.7	1470	26293	20621	78%	17.0	1547	28797	22579	78%	17.7	1629
	68°F	27840	21835	78%	18.3	1519	29580	23196	78%	18.5	1599	31610	24792	78%	18.8	1684
	77°F	27511	21580	78%	17.5	1569	29261	22951	78%	17.7	1652	31320	24567	78%	18.0	1739
	86°F	26158	20513	78%	16.2	1619	27898	21884	78%	16.4	1704	30450	23882	78%	17.0	1793
	95°F	24756	19417	78%	15.0	1652	26487	20768	78%	15.2	1739	29000	22746	78%	15.9	1830
	104°F	23558	18477	78%	13.6	1734	25278	19828	78%	13.9	1825	28246	22158	78%	14.7	1922
	113°F	22949	17997	78%	12.6	1817	24679	19348	78%	12.9	1912	27647	21678	78%	13.7	2013
	122°F	22349	17527	78%	11.8	1899	24070	18878	78%	12.0	1999	27047	21208	78%	12.9	2105
	129°F	21750	17057	78%	10.8	2013	23200	18193	78%	11.0	2105	26100	20474	78%	11.9	2196
120%	0°F	17067	13385	78%	15.2	1123	18044	14137	78%	15.3	1182	19870	15590	78%	16.0	1244
	5°F	17664	13852	78%	15.1	1173	18674	14631	78%	15.1	1234	20564	16135	78%	15.8	1299
	14°F	18502	14511	78%	15.1	1222	19546	15324	78%	15.2	1286	22059	17302	78%	16.3	1354
	23°F	20271	15901	78%	15.9	1272	21682	17008	78%	16.2	1339	24843	19485	78%	17.6	1409
	32°F	21541	16894	78%	16.3	1321	22756	17847	78%	16.4	1391	25682	20137	78%	17.5	1464
	41°F	22315	17502	78%	16.3	1371	23566	18482	78%	16.3	1443	26931	21116	78%	17.7	1519
	50°F	22704	17806	78%	16.0	1420	24284	19045	78%	16.2	1495	27825	21817	78%	17.7	1574
	59°F	24582	19279	78%	16.7	1470	26293	20621	78%	17.0	1547	28797	22579	78%	17.7	1629
	68°F	27840	21835	78%	18.3	1519	29580	23196	78%	18.5	1599	31610	24792	78%	18.8	1684
	77°F	27511	21580	78%	17.5	1569	29261	22951	78%	17.7	1652	31320	24567	78%	18.0	1739
	86°F	26158	20513	78%	16.2	1619	27898	21884	78%	16.4	1704	30450	23882	78%	17.0	1793
	95°F	24756	19417	78%	15.0	1652	26487	20768	78%	15.2	1739	29000	22746	78%	15.9	1830
	104°F	23558	18477	78%	13.6	1734	25278	19828	78%	13.9	1825	28246	22158	78%	14.7	1922
	113°F	22949	17997	78%	12.6	1817	24679	19348	78%	12.9	1912	27647	21678	78%	13.7	2013
	122°F	22349	17527	78%	11.8	1899	24070	18878	78%	12.0	1999	27047	21208	78%	12.9	2105
	129°F	21750	17057	78%	10.8	2013	23200	18193	78%	11.0	2105	26100	20474	78%	11.9	2196

EXTENDED RATINGS	TM24H5O

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature														
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
110%	0°F	17067	13385	78%	15.2	1123	18044	14137	78%	15.3	1182	19870	15590	78%	16.0	1244
	5°F	17664	13852	78%	15.1	1173	18674	14631	78%	15.1	1234	20564	16135	78%	15.8	1299
	14°F	18502	14511	78%	15.1	1222	19546	15324	78%	15.2	1286	22059	17302	78%	16.3	1354
	23°F	20271	15901	78%	15.9	1272	21682	17008	78%	16.2	1339	24843	19485	78%	17.6	1409
	32°F	21541	16894	78%	16.3	1321	22756	17847	78%	16.4	1391	25682	20137	78%	17.5	1464
	41°F	22315	17502	78%	16.3	1371	23566	18482	78%	16.3	1443	26931	21116	78%	17.7	1519
	50°F	22704	17806	78%	16.0	1420	24284	19045	78%	16.2	1495	27825	21817	78%	17.7	1574
	59°F	24582	19279	78%	16.7	1470	26293	20621	78%	17.0	1547	28797	22579	78%	17.7	1629
	68°F	27840	21835	78%	18.3	1519	29580	23196	78%	18.5	1599	31610	24792	78%	18.8	1684
	77°F	27511	21580	78%	17.5	1569	29261	22951	78%	17.7	1652	31320	24567	78%	18.0	1739
	86°F	26158	20513	78%	16.2	1619	27898	21884	78%	16.4	1704	30450	23882	78%	17.0	1793
	95°F	24756	19417	78%	15.0	1652	26487	20768	78%	15.2	1739	29000	22746	78%	15.9	1830
	104°F	23558	18477	78%	13.6	1734	25278	19828	78%	13.9	1825	28246	22158	78%	14.7	1922
	113°F	22949	17997	78%	12.6	1817	24679	19348	78%	12.9	1912	27647	21678	78%	13.7	2013
	122°F	22349	17527	78%	11.8	1899	24070	18878	78%	12.0	1999	27047	21208	78%	12.9	2105
	129°F	21750	17057	78%	10.8	2013	23200	18193	78%	11.0	2105	26100	20474	78%	11.9	2196
100%	0°F	17067	13385	78%	15.2	1123	18044	14137	78%	15.3	1182	19870	15590	78%	16.0	1244
	5°F	17664	13852	78%	15.1	1173	18674	14631	78%	15.1	1234	20564	16135	78%	15.8	1299
	14°F	18502	14511	78%	15.1	1222	19546	15324	78%	15.2	1286	22059	17302	78%	16.3	1354
	23°F	20271	15901	78%	15.9	1272	21682	17008	78%	16.2	1339	24843	19485	78%	17.6	1409
	32°F	21541	16894	78%	16.3	1321	22756	17847	78%	16.4	1391	25682	20137	78%	17.5	1464
	41°F	22315	17502	78%	16.3	1371	23566	18482	78%	16.3	1443	26931	21116	78%	17.7	1519
	50°F	22704	17806	78%	16.0	1420	24284	19045	78%	16.2	1495	27825	21817	78%	17.7	1574
	59°F	24582	19279	78%	16.7	1470	26293	20621	78%	17.0	1547	28797	22579	78%	17.7	1629
	68°F	27840	21835	78%	18.3	1519	29580	23196	78%	18.5	1599	31610	24792	78%	18.8	1684
	77°F	27511	21580	78%	17.5	1569	29261	22951	78%	17.7	1652	31320	24567	78%	18.0	1739
	86°F	26158	20513	78%	16.2	1619	27898	21884	78%	16.4	1704	30450	23882	78%	17.0	1793
	95°F	24756	19417	78%	15.0	1652	26487	20768	78%	15.2	1739	29000	22746	78%	15.9	1830
	104°F	23558	18477	78%	13.6	1734	25278	19828	78%	13.9	1825	28246	22158	78%	14.7	1922
	113°F	22949	17997	78%	12.6	1817	24679	19348	78%	12.9	1912	27647	21678	78%	13.7	2013
	122°F	22349	17527	78%	11.8	1899	24070	18878	78%	12.0	1999	27047	21208	78%	12.9	2105
	129°F	21750	17057	78%	10.8	2013	23200	18193	78%	11.0	2105	26100	20474	78%	11.9	2196

EXTENDED RATINGS	TM24H5O

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature														
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
90%	0°F	15872	12448	78%	14.7	1078	16781	13147	78%	14.8	1135	18479	14499	78%	15.5	1194
	5°F	16428	12882	78%	14.6	1126	17367	13607	78%	14.7	1185	19125	15006	78%	15.3	1247
	14°F	17207	13495	78%	14.7	1173	18178	14251	78%	14.7	1235	20515	16091	78%	15.8	1300
	23°F	18852	14788	78%	15.4	1221	20164	15817	78%	15.7	1285	23104	18121	78%	17.1	1353
	32°F	20033	15711	78%	15.8	1268	21163	16598	78%	15.8	1335	23884	18727	78%	17.0	1405
	41°F	20753	16277	78%	15.8	1316	21916	17188	78%	15.8	1385	25046	19638	78%	17.2	1458
	50°F	21115	16560	78%	15.5	1363	22584	17712	78%	15.7	1435	25877	20290	78%	17.1	1511
	59°F	22861	17929	78%	16.2	1411	24452	19178	78%	16.5	1485	26781	20998	78%	17.1	1564
	68°F	25891	20307	78%	17.8	1458	27509	21572	78%	17.9	1535	29397	23057	78%	18.2	1617
	77°F	25585	20069	78%	17.0	1506	27213	21344	78%	17.2	1586	29128	22847	78%	17.4	1669
	86°F	24327	19077	78%	15.7	1554	25945	20352	78%	15.9	1636	28319	22210	78%	16.5	1721
	95°F	23023	18058	78%	14.5	1586	24633	19314	78%	14.8	1669	26970	21154	78%	15.4	1757
	104°F	21909	17184	78%	13.2	1665	23509	18440	78%	13.4	1752	26269	20607	78%	14.2	1845
	113°F	21343	16737	78%	12.2	1744	22951	17994	78%	12.5	1836	25712	20161	78%	13.3	1932
	122°F	20785	16300	78%	11.4	1823	22385	17557	78%	11.7	1919	25154	19723	78%	12.4	2021
	129°F	20228	15863	78%	10.5	1932	21576	16919	78%	10.7	2021	24273	19041	78%	11.5	2108
80%	0°F	13995	10976	78%	14.5	966	14796	11592	78%	14.6	1017	16293	12784	78%	15.2	1070
	5°F	14484	11359	78%	14.4	1009	15313	11997	78%	14.4	1061	16862	13231	78%	15.1	1117
	14°F	15172	11899	78%	14.4	1051	16028	12566	78%	14.5	1106	18088	14188	78%	15.5	1164
	23°F	16622	13039	78%	15.2	1094	17779	13947	78%	15.4	1152	20371	15978	78%	16.8	1212
	32°F	17664	13853	78%	15.5	1136	18660	14635	78%	15.6	1196	21059	16512	78%	16.7	1259
	41°F	18298	14352	78%	15.5	1179	19324	15155	78%	15.6	1241	22083	17315	78%	16.9	1306
	50°F	18617	14601	78%	15.2	1221	19913	15617	78%	15.5	1286	22817	17890	78%	16.9	1354
	59°F	20157	15809	78%	15.9	1264	21560	16909	78%	16.2	1330	23614	18515	78%	16.9	1401
	68°F	22829	17905	78%	17.5	1306	24256	19021	78%	17.6	1375	25920	20329	78%	17.9	1448
	77°F	22559	17696	78%	16.7	1349	23994	18820	78%	16.9	1421	25682	20145	78%	17.2	1496
	86°F	21450	16821	78%	15.4	1392	22876	17945	78%	15.6	1465	24969	19583	78%	16.2	1542
	95°F	20300	15922	78%	14.3	1421	21719	17030	78%	14.5	1496	23780	18652	78%	15.1	1574
	104°F	19318	15151	78%	13.0	1491	20728	16259	78%	13.2	1570	23162	18170	78%	14.0	1653
	113°F	18818	14758	78%	12.0	1563	20237	15865	78%	12.3	1644	22671	17776	78%	13.1	1731
	122°F	18326	14372	78%	11.2	1633	19737	15480	78%	11.5	1719	22179	17391	78%	12.3	1810
	129°F	17835	13987	78%	10.3	1731	19024	14918	78%	10.5	1810	21402	16789	78%	11.3	1889

EXTENDED RATINGS	TM24H5O

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature														
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
70%	0°F	12288	9637	78%	14.4	853	12992	10179	78%	14.5	898	14306	11225	78%	15.1	945
	5°F	12718	9973	78%	14.3	891	13445	10534	78%	14.3	938	14806	11617	78%	15.0	987
	14°F	13321	10448	78%	14.3	929	14073	11033	78%	14.4	977	15882	12457	78%	15.4	1029
	23°F	14595	11449	78%	15.1	967	15611	12246	78%	15.3	1018	17887	14029	78%	16.7	1071
	32°F	15510	12164	78%	15.4	1004	16384	12850	78%	15.5	1057	18491	14499	78%	16.6	1113
	41°F	16067	12601	78%	15.4	1042	16968	13307	78%	15.5	1097	19390	15204	78%	16.8	1154
	50°F	16347	12820	78%	15.1	1079	17484	13712	78%	15.4	1136	20034	15708	78%	16.7	1196
	59°F	17699	13881	78%	15.8	1117	18931	14847	78%	16.1	1176	20734	16257	78%	16.7	1238
	68°F	20045	15721	78%	17.4	1154	21298	16701	78%	17.5	1215	22759	17850	78%	17.8	1280
	77°F	19808	15538	78%	16.6	1192	21068	16525	78%	16.8	1256	22550	17688	78%	17.1	1322
	86°F	18834	14769	78%	15.3	1230	20087	15756	78%	15.5	1295	21924	17195	78%	16.1	1363
	95°F	17824	13980	78%	14.2	1256	19071	14953	78%	14.4	1322	20880	16377	78%	15.0	1391
	104°F	16962	13303	78%	12.9	1318	18200	14276	78%	13.1	1387	20337	15954	78%	13.9	1461
	113°F	16523	12958	78%	12.0	1381	17769	13931	78%	12.2	1453	19906	15608	78%	13.0	1530
	122°F	16091	12619	78%	11.1	1443	17330	13592	78%	11.4	1519	19474	15270	78%	12.2	1600
	129°F	15660	12281	78%	10.2	1530	16704	13099	78%	10.4	1600	18792	14741	78%	11.3	1669
60%	0°F	10582	8299	78%	14.3	741	11187	8765	78%	14.3	780	12319	9666	78%	15.0	821
	5°F	10952	8588	78%	14.1	774	11578	9071	78%	14.2	814	12750	10004	78%	14.9	857
	14°F	11471	8997	78%	14.2	807	12119	9501	78%	14.3	849	13677	10727	78%	15.3	894
	23°F	12568	9859	78%	15.0	840	13443	10545	78%	15.2	884	15403	12081	78%	16.6	930
	32°F	13355	10474	78%	15.3	872	14109	11065	78%	15.4	918	15923	12485	78%	16.5	966
	41°F	13835	10851	78%	15.3	905	14611	11459	78%	15.3	952	16697	13092	78%	16.7	1003
	50°F	14076	11040	78%	15.0	937	15056	11808	78%	15.3	987	17252	13527	78%	16.6	1039
	59°F	15241	11953	78%	15.7	970	16302	12785	78%	16.0	1021	17854	13999	78%	16.6	1075
	68°F	17261	13538	78%	17.2	1003	18340	14382	78%	17.4	1055	19598	15371	78%	17.6	1111
	77°F	17057	13380	78%	16.5	1036	18142	14230	78%	16.6	1090	19418	15232	78%	16.9	1148
	86°F	16218	12718	78%	15.2	1069	17297	13568	78%	15.4	1125	18879	14807	78%	16.0	1183
	95°F	15349	12039	78%	14.1	1090	16422	12876	78%	14.3	1148	17980	14103	78%	14.9	1208
	104°F	14606	11456	78%	12.8	1144	15672	12293	78%	13.0	1205	17513	13738	78%	13.8	1269
	113°F	14228	11158	78%	11.9	1199	15301	11996	78%	12.1	1262	17141	13440	78%	12.9	1329
	122°F	13856	10867	78%	11.1	1253	14923	11704	78%	11.3	1319	16769	13149	78%	12.1	1389
	129°F	13485	10575	78%	10.1	1329	14384	11280	78%	10.4	1389	16182	12694	78%	11.2	1449

EXTENDED RATINGS	TM24H5O

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature														
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
50%	0°F	8875	6960	78%	14.1	629	9383	7351	78%	14.2	662	10332	8107	78%	14.8	697
	5°F	9185	7203	78%	14.0	657	9710	7608	78%	14.1	691	10693	8390	78%	14.7	727
	14°F	9621	7546	78%	14.1	684	10164	7968	78%	14.1	720	11471	8997	78%	15.1	758
	23°F	10541	8269	78%	14.8	712	11275	8844	78%	15.0	750	12918	10132	78%	16.4	789
	32°F	11201	8785	78%	15.1	740	11833	9280	78%	15.2	779	13355	10471	78%	16.3	820
	41°F	11604	9101	78%	15.1	768	12254	9611	78%	15.2	808	14004	10980	78%	16.5	851
	50°F	11806	9259	78%	14.8	795	12628	9903	78%	15.1	837	14469	11345	78%	16.4	881
	59°F	12783	10025	78%	15.5	823	13672	10723	78%	15.8	866	14974	11741	78%	16.4	912
	68°F	14477	11354	78%	17.0	851	15382	12062	78%	17.2	895	16437	12892	78%	17.4	943
	77°F	14306	11222	78%	16.3	879	15216	11935	78%	16.4	925	16286	12775	78%	16.7	974
	86°F	13602	10667	78%	15.0	907	14507	11380	78%	15.2	954	15834	12419	78%	15.8	1004
	95°F	12873	10097	78%	13.9	925	13773	10799	78%	14.1	974	15080	11828	78%	14.7	1025
	104°F	12250	9608	78%	12.6	971	13145	10311	78%	12.9	1022	14688	11522	78%	13.6	1076
	113°F	11933	9358	78%	11.7	1018	12833	10061	78%	12.0	1071	14376	11273	78%	12.8	1127
	122°F	11621	9114	78%	10.9	1063	12516	9817	78%	11.2	1119	14064	11028	78%	11.9	1179
	129°F	11310	8870	78%	10.0	1127	12064	9460	78%	10.2	1179	13572	10646	78%	11.0	1230

EXTENDED RATINGS **TM24H5O**

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
135%	-31°F	-32°F	21800	1.4	4680	21517	1.3	4783	20972	1.3	4891
	-22°F	-22.5°F	23850	1.5	4730	23540	1.4	4834	22944	1.4	4943
	-13°F	-14°F	25900	1.6	4780	25563	1.5	4885	24916	1.5	4995
	-5°F	-6°F	27722	1.7	4824	27362	1.6	4931	26669	1.6	5042
	0°F	-1°F	28861	1.7	4852	28486	1.7	4959	27764	1.6	5071
	5°F	3°F	30000	1.8	4880	29610	1.7	4987	28860	1.7	5100
	10°F	8°F	28333	1.9	4493	27965	1.8	4591	27257	1.7	4695
	17°F	15°F	26000	1.9	3950	25662	1.9	4037	25012	1.8	4128
	19°F	16°F	26333	2.0	3933	25991	1.9	4020	25333	1.8	4110
	24°F	21°F	27167	2.1	3892	26814	2.0	3977	26134	1.9	4067
	32°F	29°F	28500	2.2	3825	28130	2.1	3909	27417	2.0	3997
	41°F	37°F	30000	2.3	3750	29610	2.3	3833	28860	2.2	3919
	43°F	39°F	30333	2.4	3733	29939	2.3	3815	29181	2.2	3901
	47°F	43°F	31000	2.5	3700	30597	2.4	3781	29822	2.3	3867
	53°F	49°F	31340	2.8	3271	33394	3.0	3309	32695	2.8	3414
	59°F	54°F	31614	2.8	3303	30734	2.7	3341	30085	2.6	3447
	64°F	59°F	32283	3.1	3029	31394	3.0	3064	30734	2.9	3161
	70°F	64°F	32895	3.1	3076	31987	3.0	3111	31308	2.9	3210
	75°F	69°F	33354	3.5	2811	32436	3.3	2843	31757	3.2	2933
	78°F	72°F	33660	3.5	2836	32732	3.3	2869	32044	3.2	2960
120%	-31°F	-32°F	21800	1.4	4680	21517	1.3	4783	20972	1.3	4891
	-22°F	-22.5°F	23850	1.5	4730	23540	1.4	4834	22944	1.4	4943
	-13°F	-14°F	25900	1.6	4780	25563	1.5	4885	24916	1.5	4995
	-5°F	-6°F	27722	1.7	4824	27362	1.6	4931	26669	1.6	5042
	0°F	-1°F	28861	1.7	4852	28486	1.7	4959	27764	1.6	5071
	5°F	3°F	30000	1.8	4880	29610	1.7	4987	28860	1.7	5100
	10°F	8°F	28333	1.9	4493	27965	1.8	4591	27257	1.7	4695
	17°F	15°F	26000	1.9	3950	25662	1.9	4037	25012	1.8	4128
	19°F	16°F	26333	2.0	3933	25991	1.9	4020	25333	1.8	4110
	24°F	21°F	27167	2.1	3892	26814	2.0	3977	26134	1.9	4067
	32°F	29°F	28500	2.2	3825	28130	2.1	3909	27417	2.0	3997
	41°F	37°F	30000	2.3	3750	29610	2.3	3833	28860	2.2	3919
	43°F	39°F	30333	2.4	3733	29939	2.3	3815	29181	2.2	3901
	47°F	43°F	31000	2.5	3700	30597	2.4	3781	29822	2.3	3867
	53°F	49°F	31340	2.8	3271	33394	3.0	3309	32695	2.8	3414
	59°F	54°F	31614	2.8	3303	30734	2.7	3341	30085	2.6	3447
	64°F	59°F	32283	3.1	3029	31394	3.0	3064	30734	2.9	3161
	70°F	64°F	32895	3.1	3076	31987	3.0	3111	31308	2.9	3210
	75°F	69°F	33354	3.5	2811	32436	3.3	2843	31757	3.2	2933
	78°F	72°F	33660	3.5	2836	32732	3.3	2869	32044	3.2	2960

EXTENDED RATINGS **TM24H5O**

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
110%	-31°F	-32°F	21800	1.4	4680	21517	1.3	4783	20972	1.3	4891
	-22°F	-22.5°F	23850	1.5	4730	23540	1.4	4834	22944	1.4	4943
	-13°F	-14°F	25900	1.6	4780	25563	1.5	4885	24916	1.5	4995
	-5°F	-6°F	27722	1.7	4824	27362	1.6	4931	26669	1.6	5042
	0°F	-1°F	28861	1.7	4852	28486	1.7	4959	27764	1.6	5071
	5°F	3°F	30000	1.8	4880	29610	1.7	4987	28860	1.7	5100
	10°F	8°F	28333	1.9	4493	27965	1.8	4591	27257	1.7	4695
	17°F	15°F	26000	1.9	3950	25662	1.9	4037	25012	1.8	4128
	19°F	16°F	26333	2.0	3933	25991	1.9	4020	25333	1.8	4110
	24°F	21°F	27167	2.1	3892	26814	2.0	3977	26134	1.9	4067
	32°F	29°F	28500	2.2	3825	28130	2.1	3909	27417	2.0	3997
	41°F	37°F	30000	2.3	3750	29610	2.3	3833	28860	2.2	3919
	43°F	39°F	30333	2.4	3733	29939	2.3	3815	29181	2.2	3901
	47°F	43°F	31000	2.5	3700	30597	2.4	3781	29822	2.3	3867
	53°F	49°F	31340	2.8	3271	33394	3.0	3309	32695	2.8	3414
	59°F	54°F	31614	2.8	3303	30734	2.7	3341	30085	2.6	3447
	64°F	59°F	32283	3.1	3029	31394	3.0	3064	30734	2.9	3161
	70°F	64°F	32895	3.1	3076	31987	3.0	3111	31308	2.9	3210
	75°F	69°F	33354	3.5	2811	32436	3.3	2843	31757	3.2	2933
	78°F	72°F	33660	3.5	2836	32732	3.3	2869	32044	3.2	2960
100%	-31°F	-32°F	21800	1.4	4680	21517	1.3	4783	20972	1.3	4891
	-22°F	-22.5°F	23850	1.5	4730	23540	1.4	4834	22944	1.4	4943
	-13°F	-14°F	25900	1.6	4780	25563	1.5	4885	24916	1.5	4995
	-5°F	-6°F	27722	1.7	4824	27362	1.6	4931	26669	1.6	5042
	0°F	-1°F	28861	1.7	4852	28486	1.7	4959	27764	1.6	5071
	5°F	3°F	30000	1.8	4880	29610	1.7	4987	28860	1.7	5100
	10°F	8°F	28333	1.9	4493	27965	1.8	4591	27257	1.7	4695
	17°F	15°F	26000	1.9	3950	25662	1.9	4037	25012	1.8	4128
	19°F	16°F	26333	2.0	3933	25991	1.9	4020	25333	1.8	4110
	24°F	21°F	27167	2.1	3892	26814	2.0	3977	26134	1.9	4067
	32°F	29°F	28500	2.2	3825	28130	2.1	3909	27417	2.0	3997
	41°F	37°F	30000	2.3	3750	29610	2.3	3833	28860	2.2	3919
	43°F	39°F	30333	2.4	3733	29939	2.3	3815	29181	2.2	3901
	47°F	43°F	31000	2.5	3700	30597	2.4	3781	29822	2.3	3867
	53°F	49°F	31340	2.8	3271	33394	3.0	3309	32695	2.8	3414
	59°F	54°F	31614	2.8	3303	30734	2.7	3341	30085	2.6	3447
	64°F	59°F	32283	3.1	3029	31394	3.0	3064	30734	2.9	3161
	70°F	64°F	32895	3.1	3076	31987	3.0	3111	31308	2.9	3210
	75°F	69°F	33354	3.5	2811	32436	3.3	2843	31757	3.2	2933
	78°F	72°F	33660	3.5	2836	32732	3.3	2869	32044	3.2	2960

EXTENDED RATINGS **TM24H5O**

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
90%	-31°F	-32°F	20710	1.4	4493	20441	1.3	4592	19923	1.2	4695
	-22°F	-22.5°F	22658	1.5	4541	22363	1.4	4641	21797	1.4	4745
	-13°F	-14°F	24605	1.6	4589	24285	1.5	4690	23670	1.5	4795
	-5°F	-6°F	26336	1.7	4631	25994	1.6	4734	25336	1.5	4840
	0°F	-1°F	27418	1.7	4658	27062	1.7	4761	26376	1.6	4868
	5°F	3°F	28500	1.8	4685	28130	1.7	4788	27417	1.6	4896
	10°F	8°F	26916	1.8	4313	26567	1.8	4407	25894	1.7	4507
	17°F	15°F	24700	1.9	3792	24379	1.8	3876	23761	1.8	3963
	19°F	16°F	25016	1.9	3776	24691	1.9	3859	24066	1.8	3946
	24°F	21°F	25809	2.0	3736	25473	2.0	3818	24827	1.9	3904
	32°F	29°F	27075	2.2	3672	26724	2.1	3753	26046	2.0	3837
	41°F	37°F	28500	2.3	3600	28130	2.2	3680	27417	2.1	3762
	43°F	39°F	28816	2.4	3584	28442	2.3	3662	27722	2.2	3745
	47°F	43°F	29450	2.4	3552	29067	2.4	3630	28331	2.2	3712
	53°F	49°F	29773	2.8	3140	31724	2.9	3177	31060	2.8	3277
	59°F	54°F	30033	2.8	3171	29197	2.7	3207	28581	2.5	3309
	64°F	59°F	30669	3.1	2908	29824	3.0	2941	29197	2.8	3035
	70°F	64°F	31250	3.1	2953	30388	3.0	2987	29743	2.8	3082
	75°F	69°F	31686	3.4	2699	30814	3.3	2729	30169	3.1	2816
	78°F	72°F	31977	3.4	2723	31095	3.3	2754	30442	3.1	2842
80%	-31°F	-32°F	18312	1.3	4025	18074	1.3	4113	17616	1.2	4206
	-22°F	-22.5°F	20034	1.4	4068	19774	1.4	4157	19273	1.3	4251
	-13°F	-14°F	21756	1.6	4111	21473	1.5	4201	20929	1.4	4296
	-5°F	-6°F	23286	1.7	4149	22984	1.6	4241	22402	1.5	4336
	0°F	-1°F	24243	1.7	4173	23928	1.6	4265	23322	1.6	4361
	5°F	3°F	25200	1.8	4197	24872	1.7	4289	24242	1.6	4386
	10°F	8°F	23800	1.8	3864	23491	1.7	3948	22896	1.7	4038
	17°F	15°F	21840	1.9	3397	21556	1.8	3472	21010	1.7	3550
	19°F	16°F	22120	1.9	3382	21832	1.9	3457	21280	1.8	3535
	24°F	21°F	22820	2.0	3347	22524	1.9	3420	21953	1.8	3498
	32°F	29°F	23940	2.1	3290	23629	2.1	3362	23030	2.0	3437
	41°F	37°F	25200	2.3	3225	24872	2.2	3296	24242	2.1	3370
	43°F	39°F	25480	2.3	3210	25149	2.3	3281	24512	2.1	3355
	47°F	43°F	26040	2.4	3182	25701	2.3	3252	25050	2.2	3326
	53°F	49°F	26326	2.7	2813	28051	2.9	2846	27464	2.7	2936
	59°F	54°F	26556	2.7	2841	25817	2.6	2873	25271	2.5	2964
	64°F	59°F	27118	3.1	2605	26371	2.9	2635	25817	2.8	2718
	70°F	64°F	27632	3.1	2645	26869	2.9	2675	26299	2.8	2761
	75°F	69°F	28017	3.4	2417	27246	3.3	2445	26676	3.1	2522
	78°F	72°F	28274	3.4	2439	27495	3.3	2467	26917	3.1	2546

EXTENDED RATINGS **TM24H5O**

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
70%	-31°F	-32°F	15914	1.3	3557	15707	1.3	3635	15310	1.2	3717
	-22°F	-22.5°F	17411	1.4	3595	17184	1.4	3674	16749	1.3	3757
	-13°F	-14°F	18907	1.5	3633	18661	1.5	3713	18189	1.4	3796
	-5°F	-6°F	20237	1.6	3666	19974	1.6	3748	19468	1.5	3832
	0°F	-1°F	21069	1.7	3688	20795	1.6	3769	20268	1.5	3854
	5°F	3°F	21900	1.7	3709	21615	1.7	3790	21068	1.6	3876
	10°F	8°F	20683	1.8	3415	20414	1.7	3489	19898	1.6	3568
	17°F	15°F	18980	1.9	3002	18733	1.8	3068	18259	1.7	3137
	19°F	16°F	19223	1.9	2989	18973	1.8	3055	18493	1.7	3124
	24°F	21°F	19832	2.0	2958	19574	1.9	3023	19078	1.8	3091
	32°F	29°F	20805	2.1	2907	20535	2.0	2971	20014	1.9	3038
	41°F	37°F	21900	2.3	2850	21615	2.2	2913	21068	2.1	2978
	43°F	39°F	22143	2.3	2837	21855	2.2	2899	21302	2.1	2965
	47°F	43°F	22630	2.4	2812	22336	2.3	2874	21770	2.2	2939
	53°F	49°F	22878	2.7	2486	24378	2.8	2515	23867	2.7	2595
	59°F	54°F	23078	2.7	2510	22436	2.6	2539	21962	2.5	2620
	64°F	59°F	23567	3.0	2302	22918	2.9	2329	22436	2.7	2402
	70°F	64°F	24013	3.0	2338	23351	2.9	2364	22855	2.8	2440
	75°F	69°F	24348	3.3	2136	23678	3.2	2161	23183	3.1	2229
	78°F	72°F	24572	3.3	2155	23894	3.2	2180	23392	3.1	2250
60%	-31°F	-32°F	13625	1.3	3089	13448	1.3	3157	13108	1.2	3228
	-22°F	-22.5°F	14906	1.4	3122	14713	1.4	3190	14340	1.3	3262
	-13°F	-14°F	16188	1.5	3155	15977	1.5	3224	15573	1.4	3297
	-5°F	-6°F	17326	1.6	3184	17101	1.5	3254	16668	1.5	3328
	0°F	-1°F	18038	1.7	3202	17804	1.6	3273	17353	1.5	3347
	5°F	3°F	18750	1.7	3221	18506	1.7	3291	18038	1.6	3366
	10°F	8°F	17708	1.8	2965	17478	1.7	3030	17036	1.6	3099
	17°F	15°F	16250	1.8	2607	16039	1.8	2664	15633	1.7	2724
	19°F	16°F	16458	1.9	2596	16244	1.8	2653	15833	1.7	2713
	24°F	21°F	16979	1.9	2569	16759	1.9	2625	16334	1.8	2684
	32°F	29°F	17813	2.1	2525	17581	2.0	2580	17136	1.9	2638
	41°F	37°F	18750	2.2	2475	18506	2.1	2530	18038	2.0	2587
	43°F	39°F	18958	2.3	2464	18712	2.2	2518	18238	2.1	2575
	47°F	43°F	19375	2.3	2442	19123	2.3	2495	18639	2.1	2552
	53°F	49°F	19588	2.7	2159	20871	2.8	2184	20434	2.7	2253
	59°F	54°F	19759	2.7	2180	19209	2.6	2205	18803	2.4	2275
	64°F	59°F	20177	3.0	1999	19621	2.8	2022	19209	2.7	2086
	70°F	64°F	20559	3.0	2030	19992	2.9	2053	19568	2.7	2119
	75°F	69°F	20846	3.3	1855	20273	3.2	1876	19848	3.0	1936
	78°F	72°F	21038	3.3	1872	20458	3.2	1894	20028	3.0	1954

EXTENDED RATINGS	TM24H5O

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
50%	-31°F	-32°F	11401	1.3	2621	11253	1.2	2678	10968	1.2	2739
	-22°F	-22.5°F	12474	1.4	2649	12311	1.3	2707	12000	1.3	2768
	-13°F	-14°F	13546	1.5	2677	13369	1.4	2736	13031	1.4	2797
	-5°F	-6°F	14499	1.6	2701	14310	1.5	2761	13948	1.5	2824
	0°F	-1°F	15094	1.6	2717	14898	1.6	2777	14521	1.5	2840
	5°F	3°F	15690	1.7	2733	15486	1.6	2793	15094	1.6	2856
	10°F	8°F	14818	1.7	2516	14626	1.7	2571	14255	1.6	2629
	17°F	15°F	13598	1.8	2212	13421	1.7	2261	13081	1.7	2312
	19°F	16°F	13772	1.8	2202	13593	1.8	2251	13249	1.7	2302
	24°F	21°F	14208	1.9	2180	14024	1.9	2227	13668	1.8	2278
	32°F	29°F	14906	2.0	2142	14712	2.0	2189	14339	1.9	2238
	41°F	37°F	15690	2.2	2100	15486	2.1	2146	15094	2.0	2195
	43°F	39°F	15864	2.2	2090	15658	2.2	2136	15262	2.1	2185
	47°F	43°F	16213	2.3	2072	16002	2.2	2117	15597	2.1	2166
	53°F	49°F	16391	2.6	1832	17465	2.8	1853	17099	2.6	1912
	59°F	54°F	16534	2.6	1850	16074	2.5	1871	15734	2.4	1930
	64°F	59°F	16884	2.9	1696	16419	2.8	1716	16074	2.7	1770
	70°F	64°F	17204	2.9	1723	16729	2.8	1742	16374	2.7	1798
	75°F	69°F	17444	3.3	1574	16964	3.1	1592	16609	3.0	1642
	78°F	72°F	17604	3.3	1588	17119	3.1	1607	16759	3.0	1658

EXTENDED RATINGS **TM36H5O**

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature																			
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)					90°F (DB) / 73°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
135%	-22°F	18090	14020	78%	14.7	1228	19306	15020	78%	15.2	1270	21717	17026	78%	16.1	1347	24648	19349	79%	17.4	1417
	-4°F	19245	14915	78%	14.7	1307	20538	15979	78%	15.2	1351	23103	18112	78%	16.1	1433	26222	20584	79%	17.4	1507
	5°F	20473	15866	78%	14.7	1390	21849	16999	78%	15.2	1437	24577	19269	78%	16.1	1524	27895	21898	79%	17.4	1604
	14°F	21780	16879	78%	14.7	1479	23244	18084	78%	15.2	1529	26146	20499	78%	16.1	1622	29676	23295	79%	17.4	1706
	23°F	23170	17957	78%	14.7	1573	24728	19238	78%	15.2	1627	27815	21807	78%	16.1	1725	31570	24782	79%	17.4	1815
	32°F	24649	19103	78%	14.7	1674	26306	20466	78%	15.2	1731	29590	23199	78%	16.1	1835	33585	26364	79%	17.4	1931
	41°F	26222	20322	78%	14.7	1781	27985	21772	78%	15.2	1841	31479	24680	78%	16.1	1952	35729	28047	79%	17.4	2054
	50°F	27896	21619	78%	14.7	1894	29771	23162	78%	15.2	1959	33488	26255	78%	16.1	2077	38009	29837	79%	17.4	2185
	59°F	29676	22999	78%	14.7	2015	31672	24640	78%	15.2	2084	35626	27931	78%	16.1	2210	40436	31742	79%	17.4	2324
	68°F	31571	24467	78%	14.7	2144	33693	26213	78%	15.2	2217	37900	29714	78%	16.1	2351	43017	33768	79%	17.4	2473
	77°F	30488	23628	78%	13.4	2281	32537	25314	78%	13.8	2358	36600	28694	78%	14.6	2501	41541	32610	79%	15.8	2631
	86°F	29405	22789	78%	12.1	2426	31382	24415	78%	12.5	2509	35300	27675	78%	13.3	2660	40066	31451	79%	14.3	2799
	95°F	28322	21950	78%	11.0	2581	30226	23516	78%	11.3	2669	34000	26656	78%	12.0	2830	38590	30293	79%	13.0	2977
	104°F	27239	21110	78%	9.0	3030	29070	22617	78%	9.3	3133	32700	25637	78%	9.8	3323	37115	29135	79%	10.6	3495
	113°F	26156	20271	78%	7.5	3479	27915	21718	78%	7.8	3598	31400	24618	78%	8.2	3815	35639	27977	79%	8.9	4013
	118°F	25506	19768	78%	6.7	3830	27221	21178	78%	6.9	3961	30620	24006	78%	7.3	4200	34754	27282	79%	7.9	4418
120%	-22°F	18090	14020	78%	14.7	1228	19306	15020	78%	15.2	1270	21717	17026	78%	16.1	1347	24648	19349	79%	17.4	1417
	-4°F	19245	14915	78%	14.7	1307	20538	15979	78%	15.2	1351	23103	18112	78%	16.1	1433	26222	20584	79%	17.4	1507
	5°F	20473	15866	78%	14.7	1390	21849	16999	78%	15.2	1437	24577	19269	78%	16.1	1524	27895	21898	79%	17.4	1604
	14°F	21780	16879	78%	14.7	1479	23244	18084	78%	15.2	1529	26146	20499	78%	16.1	1622	29676	23295	79%	17.4	1706
	23°F	23170	17957	78%	14.7	1573	24728	19238	78%	15.2	1627	27815	21807	78%	16.1	1725	31570	24782	79%	17.4	1815
	32°F	24649	19103	78%	14.7	1674	26306	20466	78%	15.2	1731	29590	23199	78%	16.1	1835	33585	26364	79%	17.4	1931
	41°F	26222	20322	78%	14.7	1781	27985	21772	78%	15.2	1841	31479	24680	78%	16.1	1952	35729	28047	79%	17.4	2054
	50°F	27896	21619	78%	14.7	1894	29771	23162	78%	15.2	1959	33488	26255	78%	16.1	2077	38009	29837	79%	17.4	2185
	59°F	29676	22999	78%	14.7	2015	31672	24640	78%	15.2	2084	35626	27931	78%	16.1	2210	40436	31742	79%	17.4	2324
	68°F	31571	24467	78%	14.7	2144	33693	26213	78%	15.2	2217	37900	29714	78%	16.1	2351	43017	33768	79%	17.4	2473
	77°F	30488	23628	78%	13.4	2281	32537	25314	78%	13.8	2358	36600	28694	78%	14.6	2501	41541	32610	79%	15.8	2631
	86°F	29405	22789	78%	12.1	2426	31382	24415	78%	12.5	2509	35300	27675	78%	13.3	2660	40066	31451	79%	14.3	2799
	95°F	28322	21950	78%	11.0	2581	30226	23516	78%	11.3	2669	34000	26656	78%	12.0	2830	38590	30293	79%	13.0	2977
	104°F	27239	21110	78%	9.0	3030	29070	22617	78%	9.3	3133	32700	25637	78%	9.8	3323	37115	29135	79%	10.6	3495
	113°F	26156	20271	78%	7.5	3479	27915	21718	78%	7.8	3598	31400	24618	78%	8.2	3815	35639	27977	79%	8.9	4013
	118°F	25506	19768	78%	6.7	3830	27221	21178	78%	6.9	3961	30620	24006	78%	7.3	4200	34754	27282	79%	7.9	4418

EXTENDED RATINGS **TM36H5O**

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature																			
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)					90°F (DB) / 73°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
110%	-22°F	18090	14020	78%	14.7	1228	19306	15020	78%	15.2	1270	21717	17026	78%	16.1	1347	24648	19349	79%	17.4	1417
	-4°F	19245	14915	78%	14.7	1307	20538	15979	78%	15.2	1351	23103	18112	78%	16.1	1433	26222	20584	79%	17.4	1507
	5°F	20473	15866	78%	14.7	1390	21849	16999	78%	15.2	1437	24577	19269	78%	16.1	1524	27895	21898	79%	17.4	1604
	14°F	21780	16879	78%	14.7	1479	23244	18084	78%	15.2	1529	26146	20499	78%	16.1	1622	29676	23295	79%	17.4	1706
	23°F	23170	17957	78%	14.7	1573	24728	19238	78%	15.2	1627	27815	21807	78%	16.1	1725	31570	24782	79%	17.4	1815
	32°F	24649	19103	78%	14.7	1674	26306	20466	78%	15.2	1731	29590	23199	78%	16.1	1835	33585	26364	79%	17.4	1931
	41°F	26222	20322	78%	14.7	1781	27985	21772	78%	15.2	1841	31479	24680	78%	16.1	1952	35729	28047	79%	17.4	2054
	50°F	27896	21619	78%	14.7	1894	29771	23162	78%	15.2	1959	33488	26255	78%	16.1	2077	38009	29837	79%	17.4	2185
	59°F	29676	22999	78%	14.7	2015	31672	24640	78%	15.2	2084	35626	27931	78%	16.1	2210	40436	31742	79%	17.4	2324
	68°F	31571	24467	78%	14.7	2144	33693	26213	78%	15.2	2217	37900	29714	78%	16.1	2351	43017	33768	79%	17.4	2473
	77°F	30488	23628	78%	13.4	2281	32537	25314	78%	13.8	2358	36600	28694	78%	14.6	2501	41541	32610	79%	15.8	2631
	86°F	29405	22789	78%	12.1	2426	31382	24415	78%	12.5	2509	35300	27675	78%	13.3	2660	40066	31451	79%	14.3	2799
	95°F	28322	21950	78%	11.0	2581	30226	23516	78%	11.3	2669	34000	26656	78%	12.0	2830	38590	30293	79%	13.0	2977
	104°F	27239	21110	78%	9.0	3030	29070	22617	78%	9.3	3133	32700	25637	78%	9.8	3323	37115	29135	79%	10.6	3495
	113°F	26156	20271	78%	7.5	3479	27915	21718	78%	7.8	3598	31400	24618	78%	8.2	3815	35639	27977	79%	8.9	4013
	118°F	25506	19768	78%	6.7	3830	27221	21178	78%	6.9	3961	30620	24006	78%	7.3	4200	34754	27282	79%	7.9	4418
100%	-22°F	18090	14020	78%	14.7	1228	19306	15020	78%	15.2	1270	21717	17026	78%	16.1	1347	24648	19349	79%	17.4	1417
	-4°F	19245	14915	78%	14.7	1307	20538	15979	78%	15.2	1351	23103	18112	78%	16.1	1433	26222	20584	79%	17.4	1507
	5°F	20473	15866	78%	14.7	1390	21849	16999	78%	15.2	1437	24577	19269	78%	16.1	1524	27895	21898	79%	17.4	1604
	14°F	21780	16879	78%	14.7	1479	23244	18084	78%	15.2	1529	26146	20499	78%	16.1	1622	29676	23295	79%	17.4	1706
	23°F	23170	17957	78%	14.7	1573	24728	19238	78%	15.2	1627	27815	21807	78%	16.1	1725	31570	24782	79%	17.4	1815
	32°F	24649	19103	78%	14.7	1674	26306	20466	78%	15.2	1731	29590	23199	78%	16.1	1835	33585	26364	79%	17.4	1931
	41°F	26222	20322	78%	14.7	1781	27985	21772	78%	15.2	1841	31479	24680	78%	16.1	1952	35729	28047	79%	17.4	2054
	50°F	27896	21619	78%	14.7	1894	29771	23162	78%	15.2	1959	33488	26255	78%	16.1	2077	38009	29837	79%	17.4	2185
	59°F	29676	22999	78%	14.7	2015	31672	24640	78%	15.2	2084	35626	27931	78%	16.1	2210	40436	31742	79%	17.4	2324
	68°F	31571	24467	78%	14.7	2144	33693	26213	78%	15.2	2217	37900	29714	78%	16.1	2351	43017	33768	79%	17.4	2473
	77°F	30488	23628	78%	13.4	2281	32537	25314	78%	13.8	2358	36600	28694	78%	14.6	2501	41541	32610	79%	15.8	2631
	86°F	29405	22789	78%	12.1	2426	31382	24415	78%	12.5	2509	35300	27675	78%	13.3	2660	40066	31451	79%	14.3	2799
	95°F	28322	21950	78%	11.0	2581	30226	23516	78%	11.3	2669	34000	26656	78%	12.0	2830	38590	30293	79%	13.0	2977
	104°F	27239	21110	78%	9.0	3030	29070	22617	78%	9.3	3133	32700	25637	78%	9.8	3323	37115	29135	79%	10.6	3495
	113°F	26156	20271	78%	7.5	3479	27915	21718	78%	7.8	3598	31400	24618	78%	8.2	3815	35639	27977	79%	8.9	4013
	118°F	25506	19768	78%	6.7	3830	27221	21178	78%	6.9	3961	30620	24006	78%	7.3	4200	34754	27282	79%	7.9	4418

EXTENDED RATINGS **TM36H5O**

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature																			
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)					90°F (DB) / 73°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
90%	-22°F	17005	13179	78%	14.6	1167	18148	14119	78%	15.0	1207	20414	16004	78%	16.0	1280	23169	18188	79%	17.2	1346
	-4°F	18090	14020	78%	14.6	1242	19306	15020	78%	15.0	1283	21717	17025	78%	16.0	1361	24649	19349	78%	17.2	1432
	5°F	19245	14914	77%	14.6	1321	20538	15979	78%	15.0	1365	23102	18113	78%	16.0	1448	26221	20584	79%	17.2	1524
	14°F	20473	15866	77%	14.6	1405	21849	16999	78%	15.0	1453	24577	19269	78%	15.9	1541	27895	21897	78%	17.2	1621
	23°F	21780	16880	78%	14.6	1494	23244	18084	78%	15.0	1546	26146	20499	78%	16.0	1639	29676	23295	78%	17.2	1724
	32°F	23170	17957	78%	14.6	1590	24728	19238	78%	15.0	1644	27815	21807	78%	16.0	1743	31570	24782	78%	17.2	1834
	41°F	24649	19103	77%	14.6	1692	26306	20466	78%	15.0	1749	29590	23199	78%	16.0	1854	33585	26364	78%	17.2	1951
	50°F	26222	20322	77%	14.6	1799	27985	21772	78%	15.0	1861	31479	24680	78%	16.0	1973	35728	28047	78%	17.2	2076
	59°F	27895	21619	78%	14.6	1914	29772	23162	78%	15.0	1980	33488	26255	78%	16.0	2100	38010	29837	78%	17.2	2208
	68°F	29677	22999	77%	14.6	2037	31671	24640	78%	15.0	2106	35626	27931	78%	16.0	2233	40436	31742	78%	17.2	2349
	77°F	28659	22210	77%	13.2	2167	30585	23795	78%	13.7	2240	34404	26972	78%	14.5	2376	39049	30653	79%	15.6	2499
	86°F	27641	21422	78%	12.0	2305	29499	22950	78%	12.4	2384	33182	26015	78%	13.1	2527	37662	29564	78%	14.2	2659
	95°F	26623	20633	78%	10.9	2452	28412	22105	78%	11.2	2536	31960	25057	78%	11.9	2689	36275	28475	78%	12.8	2828
	104°F	25605	19843	77%	8.9	2879	27326	21260	78%	9.2	2976	30738	24099	78%	9.7	3157	34888	27387	78%	10.5	3320
	113°F	24587	19055	78%	7.4	3305	26240	20415	78%	7.7	3418	29516	23141	78%	8.1	3624	33501	26298	79%	8.8	3812
	118°F	23976	18582	78%	6.6	3639	25588	19907	78%	6.8	3763	28783	22566	78%	7.2	3990	32669	25645	79%	7.8	4197
80%	-22°F	14834	11496	78%	14.2	1044	15831	12316	78%	14.7	1080	17808	13961	78%	15.6	1145	20211	15866	79%	16.8	1204
	-4°F	15781	12230	78%	14.2	1111	16841	13103	78%	14.7	1148	18944	14852	78%	15.6	1218	21502	16879	78%	16.8	1281
	5°F	16788	13010	77%	14.2	1182	17916	13939	78%	14.7	1221	20153	15801	78%	15.6	1295	22874	17956	79%	16.8	1363
	14°F	17860	13841	77%	14.2	1257	19060	14829	78%	14.7	1300	21440	16809	78%	15.6	1379	24334	19102	78%	16.8	1450
	23°F	18999	14725	78%	14.2	1337	20277	15775	78%	14.7	1383	22808	17882	78%	15.6	1466	25887	20321	78%	16.8	1543
	32°F	20212	15664	78%	14.2	1423	21571	16782	78%	14.7	1471	24264	19023	78%	15.6	1560	27540	21618	78%	16.8	1641
	41°F	21502	16664	77%	14.2	1514	22948	17853	78%	14.7	1565	25813	20238	78%	15.6	1659	29298	22999	78%	16.8	1746
	50°F	22875	17728	77%	14.2	1610	24412	18993	78%	14.7	1665	27460	21529	78%	15.6	1765	31167	24466	78%	16.8	1857
	59°F	24334	18859	78%	14.2	1713	25971	20205	78%	14.7	1771	29213	22903	78%	15.6	1879	33158	26028	78%	16.8	1975
	68°F	25888	20063	77%	14.2	1822	27628	21495	78%	14.7	1884	31078	24365	78%	15.6	1998	35274	27690	78%	16.8	2102
	77°F	25000	19375	77%	12.9	1939	26680	20757	78%	13.3	2004	30012	23529	78%	14.1	2126	34064	26740	79%	15.2	2236
	86°F	24112	18687	78%	11.7	2062	25733	20020	78%	12.1	2133	28946	22694	78%	12.8	2261	32854	25790	78%	13.8	2379
	95°F	23224	17999	78%	10.6	2194	24785	19283	78%	10.9	2269	27880	21858	78%	11.6	2406	31644	24840	78%	12.5	2530
	104°F	22336	17310	77%	8.7	2576	23837	18546	78%	9.0	2663	26814	21022	78%	9.5	2825	30434	23891	78%	10.2	2971
	113°F	21448	16622	78%	7.3	2957	22890	17809	78%	7.5	3058	25748	20187	78%	7.9	3243	29224	22941	79%	8.6	3411
	118°F	20915	16210	78%	6.4	3256	22321	17366	78%	6.6	3367	25108	19685	78%	7.0	3570	28498	22371	79%	7.6	3755

EXTENDED RATINGS **TM36H5O**

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature																			
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)					90°F (DB) / 73°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
70%	-22°F	13025	10094	78%	14.1	921	13900	10814	78%	14.6	953	15636	12259	78%	15.5	1010	17747	13931	79%	16.7	1063
	-4°F	13856	10739	78%	14.1	980	14787	11505	78%	14.6	1013	16634	13041	78%	15.5	1075	18880	14820	78%	16.7	1130
	5°F	14741	11424	77%	14.1	1043	15731	12239	78%	14.6	1078	17695	13874	78%	15.5	1143	20084	15767	79%	16.7	1203
	14°F	15682	12153	77%	14.1	1109	16736	13020	78%	14.6	1147	18825	14759	78%	15.5	1217	21367	16772	78%	16.7	1280
	23°F	16682	12929	78%	14.1	1180	17804	13851	78%	14.6	1220	20027	15701	78%	15.5	1294	22730	17843	78%	16.7	1361
	32°F	17747	13754	78%	14.1	1256	18940	14736	78%	14.6	1298	21305	16703	78%	15.5	1376	24181	18982	78%	16.7	1448
	41°F	18880	14632	77%	14.1	1336	20149	15676	78%	14.6	1381	22665	17770	78%	15.5	1464	25725	20194	78%	16.7	1541
	50°F	20085	15566	77%	14.1	1421	21435	16677	78%	14.6	1469	24111	18904	78%	15.5	1558	27366	21483	78%	16.7	1639
	59°F	21367	16559	78%	14.1	1511	22804	17741	78%	14.6	1563	25651	20110	78%	15.5	1658	29114	22854	78%	16.7	1743
	68°F	22731	17616	77%	14.1	1608	24259	18873	78%	14.6	1663	27288	21394	78%	15.5	1763	30972	24313	78%	16.7	1855
	77°F	21951	17012	77%	12.8	1711	23427	18226	78%	13.2	1769	26352	20660	78%	14.0	1876	29910	23479	79%	15.2	1973
	86°F	21172	16408	78%	11.6	1820	22595	17579	78%	12.0	1882	25416	19926	78%	12.7	1995	28848	22645	78%	13.7	2099
	95°F	20392	15804	78%	10.5	1936	21763	16932	78%	10.9	2002	24480	19192	78%	11.5	2123	27785	21811	78%	12.4	2233
	104°F	19612	15199	77%	8.6	2273	20930	16284	78%	8.9	2350	23544	18459	78%	9.4	2492	26723	20977	78%	10.2	2621
	113°F	18832	14595	78%	7.2	2609	20099	15637	78%	7.4	2699	22608	17725	78%	7.9	2861	25660	20143	79%	8.5	3010
	118°F	18364	14233	78%	6.4	2873	19599	15248	78%	6.6	2971	22046	17284	78%	7.0	3150	25023	19643	79%	7.6	3314
60%	-22°F	11216	8692	78%	14.1	798	11970	9312	78%	14.5	826	13465	10556	78%	15.4	876	15282	11996	79%	16.6	921
	-4°F	11932	9247	78%	14.0	850	12734	9907	78%	14.5	878	14324	11229	78%	15.4	931	16258	12762	78%	16.6	980
	5°F	12693	9837	77%	14.0	904	13546	10539	78%	14.5	934	15238	11947	78%	15.4	991	17295	13577	79%	16.6	1043
	14°F	13504	10465	77%	14.0	961	14411	11212	78%	14.5	994	16211	12709	78%	15.4	1054	18399	14443	78%	16.6	1109
	23°F	14365	11133	78%	14.0	1022	15331	11928	78%	14.5	1058	17245	13520	78%	15.4	1121	19573	15365	78%	16.6	1180
	32°F	15282	11844	78%	14.0	1088	16310	12689	78%	14.5	1125	18346	14383	78%	15.4	1193	20823	16346	78%	16.6	1255
	41°F	16258	12600	77%	14.0	1158	17351	13499	78%	14.5	1197	19517	15302	78%	15.4	1269	22152	17389	78%	16.6	1335
	50°F	17296	13404	77%	14.0	1231	18458	14360	78%	14.5	1273	20763	16278	78%	15.4	1350	23566	18499	78%	16.6	1420
	59°F	18399	14259	78%	14.0	1310	19637	15277	78%	14.5	1355	22088	17317	78%	15.4	1437	25070	19680	78%	16.6	1511
	68°F	19574	15170	77%	14.0	1394	20890	16252	78%	14.5	1441	23498	18423	78%	15.4	1528	26671	20936	78%	16.6	1607
	77°F	18903	14649	77%	12.7	1483	20173	15695	78%	13.2	1533	22692	17790	78%	14.0	1626	25755	20218	79%	15.1	1710
	86°F	18231	14129	78%	11.6	1577	19457	15137	78%	11.9	1631	21886	17159	78%	12.7	1729	24841	19500	78%	13.7	1819
	95°F	17560	13609	78%	10.5	1678	18740	14580	78%	10.8	1735	21080	16527	78%	11.5	1840	23926	18782	78%	12.4	1935
	104°F	16888	13088	77%	8.6	1970	18023	14023	78%	8.9	2036	20274	15895	78%	9.4	2160	23011	18064	78%	10.1	2272
	113°F	16217	12568	78%	7.2	2261	17307	13465	78%	7.4	2339	19468	15263	78%	7.9	2480	22096	17346	79%	8.5	2608
	118°F	15814	12256	78%	6.4	2490	16877	13130	78%	6.6	2575	18984	14884	78%	7.0	2730	21547	16915	79%	7.5	2872

EXTENDED RATINGS **TM36H5O**

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature																			
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)					90°F (DB) / 73°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
50%	-22°F	9407	7290	78%	13.9	675	10039	7810	78%	14.4	699	11293	8854	78%	15.2	741	12817	10061	79%	16.4	779
	-4°F	10007	7756	78%	13.9	719	10680	8309	78%	14.4	743	12014	9418	78%	15.2	788	13635	10704	78%	16.5	829
	5°F	10646	8250	77%	13.9	765	11361	8839	78%	14.4	790	12780	10020	78%	15.2	838	14505	11387	79%	16.4	882
	14°F	11326	8777	77%	13.9	813	12087	9404	78%	14.4	841	13596	10659	78%	15.2	892	15432	12113	78%	16.4	938
	23°F	12048	9338	78%	13.9	865	12859	10004	78%	14.4	895	14464	11340	78%	15.2	949	16416	12887	78%	16.4	998
	32°F	12817	9934	78%	13.9	921	13679	10642	78%	14.4	952	15387	12063	78%	15.2	1009	17464	13709	78%	16.4	1062
	41°F	13635	10567	77%	13.9	980	14552	11321	78%	14.4	1013	16369	12834	78%	15.2	1074	18579	14584	78%	16.4	1130
	50°F	14506	11242	77%	13.9	1042	15481	12044	78%	14.4	1077	17414	13653	78%	15.2	1142	19765	15515	78%	16.4	1202
	59°F	15432	11959	78%	13.9	1108	16469	12813	78%	14.4	1146	18526	14524	78%	15.2	1216	21027	16506	78%	16.5	1278
	68°F	16417	12723	77%	13.9	1179	17520	13631	78%	14.4	1219	19708	15451	78%	15.2	1293	22369	17559	78%	16.4	1360
	77°F	15854	12287	77%	12.6	1255	16919	13163	78%	13.0	1297	19032	14921	78%	13.8	1376	21601	16957	79%	14.9	1447
	86°F	15291	11850	78%	11.5	1334	16319	12696	78%	11.8	1380	18356	14391	78%	12.5	1463	20834	16355	78%	13.5	1539
	95°F	14727	11414	78%	10.4	1420	15718	12228	78%	10.7	1468	17680	13861	78%	11.4	1557	20067	15752	78%	12.3	1637
	104°F	14164	10977	77%	8.5	1667	15116	11761	78%	8.8	1723	17004	13331	78%	9.3	1828	19300	15150	78%	10.0	1922
	113°F	13601	10541	78%	7.1	1913	14516	11293	78%	7.3	1979	16328	12801	78%	7.8	2098	18532	14548	79%	8.4	2207
	118°F	13263	10279	78%	6.3	2107	14155	11013	78%	6.5	2179	15922	12483	78%	6.9	2310	18072	14187	79%	7.4	2430

EXTENDED RATINGS	TM36H5O

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
135%	-31°F	-32°F	25200	1.2	5500	24500	1.3	5720	23000	1.2	5850
	-22°F	-22.5°F	25910	1.3	5571	25563	1.3	5727	24899	1.2	5909
	-13°F	-14°F	28859	1.5	5651	28373	1.4	5808	27293	1.3	5993
	-5°F	-6°F	33638	1.8	5635	33072	1.7	5792	31837	1.6	5976
	0°F	-1°F	27769	1.7	4690	27408	1.7	4800	26714	1.6	4900
	5°F	3°F	28200	1.8	4540	27833	1.8	4640	27128	1.7	4740
	10°F	8°F	31492	1.8	5060	31082	1.8	5170	30295	1.7	5280
	17°F	15°F	41794	2.1	5717	41097	2.1	5877	39475	1.9	6064
	19°F	16°F	41758	2.2	5497	41075	2.1	5651	39443	2.0	5830
	24°F	21°F	40398	2.2	5424	39787	2.1	5575	38397	2.0	5752
	32°F	29°F	39260	2.2	5189	38728	2.1	5334	37514	2.0	5503
	41°F	37°F	40725	2.3	5114	40247	2.2	5256	39090	2.1	5423
	43°F	39°F	41822	2.4	5097	41330	2.3	5240	40199	2.2	5406
	47°F	43°F	45450	2.6	5215	44663	2.4	5361	42837	2.3	5531
	53°F	49°F	45900	2.8	4739	45098	2.7	4872	43272	2.5	5026
	59°F	54°F	42259	2.6	4785	41513	2.5	4918	39818	2.3	5074
	64°F	59°F	43158	2.9	4388	42398	2.8	4510	40678	2.6	4654
	70°F	64°F	43968	2.9	4456	43208	2.8	4580	41437	2.6	4726
	75°F	69°F	44588	3.2	4072	43803	3.1	4185	42031	2.9	4318
	78°F	72°F	44993	3.2	4108	44208	3.1	4223	42411	2.9	4357
120%	-31°F	-32°F	25200	1.2	5500	24500	1.3	5720	23000	1.2	5850
	-22°F	-22.5°F	25910	1.3	5571	25563	1.3	5727	24899	1.2	5909
	-13°F	-14°F	28859	1.5	5651	28373	1.4	5808	27293	1.3	5993
	-5°F	-6°F	33638	1.8	5635	33072	1.7	5792	31837	1.6	5976
	0°F	-1°F	27769	1.7	4690	27408	1.7	4800	26714	1.6	4900
	5°F	3°F	28200	1.8	4540	27833	1.8	4640	27128	1.7	4740
	10°F	8°F	31492	1.8	5060	31082	1.8	5170	30295	1.7	5280
	17°F	15°F	41794	2.1	5717	41097	2.1	5877	39475	1.9	6064
	19°F	16°F	41758	2.2	5497	41075	2.1	5651	39443	2.0	5830
	24°F	21°F	40398	2.2	5424	39787	2.1	5575	38397	2.0	5752
	32°F	29°F	39260	2.2	5189	38728	2.1	5334	37514	2.0	5503
	41°F	37°F	40725	2.3	5114	40247	2.2	5256	39090	2.1	5423
	43°F	39°F	41822	2.4	5097	41330	2.3	5240	40199	2.2	5406
	47°F	43°F	45450	2.6	5215	44663	2.4	5361	42837	2.3	5531
	53°F	49°F	45900	2.8	4739	45098	2.7	4872	43272	2.5	5026
	59°F	54°F	42259	2.6	4785	41513	2.5	4918	39818	2.3	5074
	64°F	59°F	43158	2.9	4388	42398	2.8	4510	40678	2.6	4654
	70°F	64°F	43968	2.9	4456	43208	2.8	4580	41437	2.6	4726
	75°F	69°F	44588	3.2	4072	43803	3.1	4185	42031	2.9	4318
	78°F	72°F	44993	3.2	4108	44208	3.1	4223	42411	2.9	4357

EXTENDED RATINGS — TM36H5O

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
110%	-31°F	-32°F	25200	1.2	5500	24500	1.3	5720	23000	1.2	5850
	-22°F	-22.5°F	25910	1.3	5571	25563	1.3	5727	24899	1.2	5909
	-13°F	-14°F	28859	1.5	5651	28373	1.4	5808	27293	1.3	5993
	-5°F	-6°F	33638	1.8	5635	33072	1.7	5792	31837	1.6	5976
	0°F	-1°F	27769	1.7	4690	27408	1.7	4800	26714	1.6	4900
	5°F	3°F	28200	1.8	4540	27833	1.8	4640	27128	1.7	4740
	10°F	8°F	31492	1.8	5060	31082	1.8	5170	30295	1.7	5280
	17°F	15°F	41794	2.1	5717	41097	2.1	5877	39475	1.9	6064
	19°F	16°F	41758	2.2	5497	41075	2.1	5651	39443	2.0	5830
	24°F	21°F	40398	2.2	5424	39787	2.1	5575	38397	2.0	5752
	32°F	29°F	39260	2.2	5189	38728	2.1	5334	37514	2.0	5503
	41°F	37°F	40725	2.3	5114	40247	2.2	5256	39090	2.1	5423
	43°F	39°F	41822	2.4	5097	41330	2.3	5240	40199	2.2	5406
	47°F	43°F	45450	2.6	5215	44663	2.4	5361	42837	2.3	5531
	53°F	49°F	45900	2.8	4739	45098	2.7	4872	43272	2.5	5026
	59°F	54°F	42259	2.6	4785	41513	2.5	4918	39818	2.3	5074
	64°F	59°F	43158	2.9	4388	42398	2.8	4510	40678	2.6	4654
	70°F	64°F	43968	2.9	4456	43208	2.8	4580	41437	2.6	4726
	75°F	69°F	44588	3.2	4072	43803	3.1	4185	42031	2.9	4318
	78°F	72°F	44993	3.2	4108	44208	3.1	4223	42411	2.9	4357
100%	-31°F	-32°F	25200	1.2	5500	24500	1.3	5720	23000	1.2	5850
	-22°F	-22.5°F	25910	1.3	5571	25563	1.3	5727	24899	1.2	5909
	-13°F	-14°F	28859	1.5	5651	28373	1.4	5808	27293	1.3	5993
	-5°F	-6°F	33638	1.8	5635	33072	1.7	5792	31837	1.6	5976
	0°F	-1°F	27769	1.7	4690	27408	1.7	4800	26714	1.6	4900
	5°F	3°F	28200	1.8	4540	27833	1.8	4640	27128	1.7	4740
	10°F	8°F	31492	1.8	5060	31082	1.8	5170	30295	1.7	5280
	17°F	15°F	41794	2.1	5717	41097	2.1	5877	39475	1.9	6064
	19°F	16°F	41758	2.2	5497	41075	2.1	5651	39443	2.0	5830
	24°F	21°F	40398	2.2	5424	39787	2.1	5575	38397	2.0	5752
	32°F	29°F	39260	2.2	5189	38728	2.1	5334	37514	2.0	5503
	41°F	37°F	40725	2.3	5114	40247	2.2	5256	39090	2.1	5423
	43°F	39°F	41822	2.4	5097	41330	2.3	5240	40199	2.2	5406
	47°F	43°F	45450	2.6	5215	44663	2.4	5361	42837	2.3	5531
	53°F	49°F	45900	2.8	4739	45098	2.7	4872	43272	2.5	5026
	59°F	54°F	42259	2.6	4785	41513	2.5	4918	39818	2.3	5074
	64°F	59°F	43158	2.9	4388	42398	2.8	4510	40678	2.6	4654
	70°F	64°F	43968	2.9	4456	43208	2.8	4580	41437	2.6	4726
	75°F	69°F	44588	3.2	4072	43803	3.1	4185	42031	2.9	4318
	78°F	72°F	44993	3.2	4108	44208	3.1	4223	42411	2.9	4357

EXTENDED RATINGS **TM36H5O**

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
90%	-31°F	-32°F	23940	1.3	5280	23275	1.2	5491	21850	1.1	5616
	-22°F	-22.5°F	24615	1.4	5348	24285	1.3	5498	23654	1.2	5673
	-13°F	-14°F	27416	1.5	5425	26955	1.4	5576	25928	1.3	5753
	-5°F	-6°F	31956	1.7	5410	31418	1.7	5560	30245	1.6	5737
	0°F	-1°F	26381	1.7	4502	26038	1.7	4608	25378	1.6	4704
	5°F	3°F	26790	1.8	4358	26441	1.7	4454	25772	1.7	4550
	10°F	8°F	29917	1.8	4858	29528	1.7	4963	28780	1.7	5069
	17°F	15°F	39704	2.1	5488	39042	2.0	5642	37501	1.9	5821
	19°F	16°F	39670	2.2	5277	39021	2.1	5425	37471	2.0	5597
	24°F	21°F	38378	2.2	5207	37797	2.1	5352	36477	1.9	5522
	32°F	29°F	37297	2.2	4981	36792	2.1	5121	35639	2.0	5283
	41°F	37°F	38689	2.3	4909	38235	2.2	5046	37136	2.1	5206
	43°F	39°F	39731	2.4	4893	39263	2.3	5030	38189	2.2	5190
	47°F	43°F	43178	2.5	5006	42429	2.4	5147	40695	2.3	5310
	53°F	49°F	43605	2.8	4549	42844	2.7	4677	41109	2.5	4825
	59°F	54°F	40146	2.6	4594	39437	2.5	4721	37827	2.3	4871
	64°F	59°F	41000	2.9	4212	40279	2.7	4330	38644	2.5	4468
	70°F	64°F	41769	2.9	4278	41048	2.7	4397	39365	2.5	4537
	75°F	69°F	42359	3.2	3909	41613	3.0	4018	39930	2.8	4145
	78°F	72°F	42743	3.2	3944	41998	3.0	4054	40290	2.8	4183
80%	-31°F	-32°F	21168	1.3	4730	20580	1.2	4919	19320	1.1	5031
	-22°F	-22.5°F	21764	1.3	4791	21473	1.3	4925	20916	1.2	5082
	-13°F	-14°F	24242	1.5	4860	23833	1.4	4995	22926	1.3	5154
	-5°F	-6°F	28256	1.7	4846	27780	1.6	4981	26743	1.5	5139
	0°F	-1°F	23326	1.7	4033	23023	1.6	4128	22440	1.6	4214
	5°F	3°F	23688	1.8	3904	23380	1.7	3990	22788	1.6	4076
	10°F	8°F	26453	1.8	4352	26109	1.7	4446	25448	1.6	4541
	17°F	15°F	35107	2.1	4917	34522	2.0	5054	33159	1.9	5215
	19°F	16°F	35076	2.2	4727	34503	2.1	4860	33132	1.9	5014
	24°F	21°F	33934	2.1	4665	33421	2.0	4795	32253	1.9	4947
	32°F	29°F	32978	2.2	4463	32532	2.1	4587	31512	2.0	4733
	41°F	37°F	34209	2.3	4398	33807	2.2	4520	32836	2.1	4664
	43°F	39°F	35130	2.4	4383	34717	2.3	4506	33767	2.1	4649
	47°F	43°F	38178	2.5	4485	37517	2.4	4610	35983	2.2	4757
	53°F	49°F	38556	2.8	4076	37883	2.7	4190	36349	2.5	4322
	59°F	54°F	35498	2.5	4115	34871	2.4	4229	33447	2.3	4364
	64°F	59°F	36253	2.8	3774	35615	2.7	3879	34169	2.5	4002
	70°F	64°F	36933	2.8	3832	36295	2.7	3939	34807	2.5	4064
	75°F	69°F	37454	3.1	3502	36795	3.0	3599	35306	2.8	3713
	78°F	72°F	37794	3.1	3533	37135	3.0	3632	35625	2.8	3747

EXTENDED RATINGS **TM36H5O**

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
70%	-31°F	-32°F	18396	1.3	4180	17885	1.2	4347	16790	1.1	4446
	-22°F	-22.5°F	18914	1.3	4234	18661	1.3	4353	18177	1.2	4491
	-13°F	-14°F	21067	1.4	4295	20712	1.4	4414	19924	1.3	4555
	-5°F	-6°F	24556	1.7	4283	24143	1.6	4402	23241	1.5	4542
	0°F	-1°F	20271	1.7	3564	20008	1.6	3648	19501	1.5	3724
	5°F	3°F	20586	1.8	3450	20318	1.7	3526	19803	1.6	3602
	10°F	8°F	22989	1.8	3846	22690	1.7	3929	22115	1.6	4013
	17°F	15°F	30510	2.1	4345	30001	2.0	4467	28816	1.8	4609
	19°F	16°F	30483	2.1	4178	29985	2.1	4295	28794	1.9	4431
	24°F	21°F	29491	2.1	4122	29044	2.0	4237	28030	1.9	4372
	32°F	29°F	28660	2.1	3944	28272	2.0	4054	27386	1.9	4182
	41°F	37°F	29729	2.2	3887	29380	2.2	3995	28536	2.0	4121
	43°F	39°F	30530	2.3	3874	30171	2.2	3982	29345	2.1	4109
	47°F	43°F	33179	2.5	3963	32604	2.4	4074	31271	2.2	4204
	53°F	49°F	33507	2.7	3602	32922	2.6	3703	31589	2.4	3820
	59°F	54°F	30849	2.5	3637	30304	2.4	3738	29067	2.2	3856
	64°F	59°F	31505	2.8	3335	30951	2.7	3428	29695	2.5	3537
	70°F	64°F	32097	2.8	3387	31542	2.7	3481	30249	2.5	3592
	75°F	69°F	32549	3.1	3095	31976	3.0	3181	30683	2.7	3282
	78°F	72°F	32845	3.1	3122	32272	3.0	3209	30960	2.7	3311
60%	-31°F	-32°F	15750	1.3	3630	15313	1.2	3775	14375	1.1	3861
	-22°F	-22.5°F	16194	1.3	3677	15977	1.2	3780	15562	1.2	3900
	-13°F	-14°F	18037	1.4	3730	17733	1.4	3833	17058	1.3	3955
	-5°F	-6°F	21024	1.7	3719	20670	1.6	3823	19898	1.5	3944
	0°F	-1°F	17356	1.6	3095	17130	1.6	3168	16696	1.5	3234
	5°F	3°F	17625	1.7	2996	17396	1.7	3062	16955	1.6	3128
	10°F	8°F	19683	1.7	3340	19426	1.7	3412	18934	1.6	3485
	17°F	15°F	26121	2.0	3773	25686	1.9	3879	24672	1.8	4002
	19°F	16°F	26099	2.1	3628	25672	2.0	3730	24652	1.9	3848
	24°F	21°F	25249	2.1	3580	24867	2.0	3680	23998	1.9	3796
	32°F	29°F	24537	2.1	3425	24205	2.0	3520	23447	1.9	3632
	41°F	37°F	25453	2.2	3375	25154	2.1	3469	24431	2.0	3579
	43°F	39°F	26139	2.3	3364	25831	2.2	3458	25125	2.1	3568
	47°F	43°F	28406	2.4	3442	27914	2.3	3538	26773	2.2	3650
	53°F	49°F	28688	2.7	3128	28187	2.6	3216	27045	2.4	3317
	59°F	54°F	26412	2.5	3158	25945	2.3	3246	24886	2.2	3349
	64°F	59°F	26974	2.7	2896	26499	2.6	2977	25424	2.4	3072
	70°F	64°F	27480	2.7	2941	27005	2.6	3023	25898	2.4	3119
	75°F	69°F	27867	3.0	2688	27377	2.9	2762	26269	2.7	2850
	78°F	72°F	28121	3.0	2711	27630	2.9	2787	26507	2.7	2876

EXTENDED RATINGS	TM36H5O

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
50%	-31°F	-32°F	13180	1.3	3080	12814	1.2	3203	12029	1.1	3276
	-22°F	-22.5°F	13551	1.3	3120	13369	1.2	3207	13022	1.2	3309
	-13°F	-14°F	15093	1.4	3165	14839	1.3	3252	14274	1.3	3356
	-5°F	-6°F	17593	1.6	3156	17297	1.6	3244	16651	1.5	3347
	0°F	-1°F	14523	1.6	2626	14334	1.6	2688	13971	1.5	2744
	5°F	3°F	14749	1.7	2542	14557	1.6	2598	14188	1.6	2654
	10°F	8°F	16470	1.7	2834	16256	1.7	2895	15844	1.6	2957
	17°F	15°F	21858	2.0	3202	21494	1.9	3291	20645	1.8	3396
	19°F	16°F	21839	2.1	3078	21482	2.0	3165	20629	1.9	3265
	24°F	21°F	21128	2.0	3037	20808	2.0	3122	20082	1.8	3221
	32°F	29°F	20533	2.1	2906	20255	2.0	2987	19620	1.9	3082
	41°F	37°F	21299	2.2	2864	21049	2.1	2943	20444	2.0	3037
	43°F	39°F	21873	2.3	2854	21615	2.2	2934	21024	2.0	3027
	47°F	43°F	23770	2.4	2920	23358	2.3	3002	22404	2.1	3097
	53°F	49°F	24006	2.7	2654	23586	2.5	2728	22631	2.4	2815
	59°F	54°F	22102	2.4	2680	21711	2.3	2754	20825	2.2	2841
	64°F	59°F	22572	2.7	2457	22174	2.6	2526	21275	2.4	2606
	70°F	64°F	22995	2.7	2495	22598	2.6	2565	21672	2.4	2647
	75°F	69°F	23320	3.0	2280	22909	2.9	2344	21982	2.7	2418
	78°F	72°F	23531	3.0	2300	23121	2.9	2365	22181	2.7	2440

EXTENDED RATINGS	TM42H5O

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature														
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
135%	0°F	24000	19500	81%	8.4	2860	26000	20500	79%	8.6	3010	28900	22300	77%	9.1	3169
	5°F	25582	20062	78%	8.6	2986	27045	21189	78%	8.6	3143	29782	23368	78%	9.0	3309
	14°F	26796	21016	78%	8.6	3112	28308	22193	78%	8.6	3276	31948	25057	78%	9.3	3448
	23°F	29358	23030	78%	9.1	3238	31402	24632	78%	9.2	3409	35980	28220	78%	10.0	3588
	32°F	30051	23572	78%	8.9	3365	32274	25316	78%	9.1	3542	37327	29279	78%	10.0	3728
	41°F	27549	21609	78%	7.9	3491	29773	23354	78%	8.1	3674	34704	27221	78%	9.0	3868
	50°F	25141	19720	78%	7.0	3617	27343	21448	78%	7.2	3807	32122	25197	78%	8.0	4008
	59°F	35602	27922	78%	9.5	3743	38080	29865	78%	9.7	3940	41706	32701	78%	10.1	4147
	68°F	40320	31623	78%	10.4	3869	42840	33594	78%	10.5	4073	45780	35906	78%	10.7	4287
	77°F	39844	31254	78%	10.0	3995	42378	33240	78%	10.1	4206	45360	35580	78%	10.3	4427
	86°F	37884	29709	78%	9.2	4122	40404	31694	78%	9.3	4338	44100	34587	78%	9.7	4567
	95°F	35854	28121	78%	8.5	4206	38360	30078	78%	8.7	4427	42000	32942	78%	9.0	4660
	104°F	34118	26759	78%	7.7	4416	36610	28716	78%	7.9	4648	40908	32091	78%	8.4	4893
	113°F	32368	25384	78%	7.0	4626	34860	27341	78%	7.2	4870	39172	30716	78%	7.6	5126
120%	0°F	24000	19500	81%	8.4	2860	26000	20500	79%	8.6	3010	28900	22300	77%	9.1	3169
	5°F	25582	20062	78%	8.6	2986	27045	21189	78%	8.6	3143	29782	23368	78%	9.0	3309
	14°F	26796	21016	78%	8.6	3112	28308	22193	78%	8.6	3276	31948	25057	78%	9.3	3448
	23°F	29358	23030	78%	9.1	3238	31402	24632	78%	9.2	3409	35980	28220	78%	10.0	3588
	32°F	30051	23572	78%	8.9	3365	32274	25316	78%	9.1	3542	37327	29279	78%	10.0	3728
	41°F	27549	21609	78%	7.9	3491	29773	23354	78%	8.1	3674	34704	27221	78%	9.0	3868
	50°F	25141	19720	78%	7.0	3617	27343	21448	78%	7.2	3807	32122	25197	78%	8.0	4008
	59°F	35602	27922	78%	9.5	3743	38080	29865	78%	9.7	3940	41706	32701	78%	10.1	4147
	68°F	40320	31623	78%	10.4	3869	42840	33594	78%	10.5	4073	45780	35906	78%	10.7	4287
	77°F	39844	31254	78%	10.0	3995	42378	33240	78%	10.1	4206	45360	35580	78%	10.3	4427
	86°F	37884	29709	78%	9.2	4122	40404	31694	78%	9.3	4338	44100	34587	78%	9.7	4567
	95°F	35854	28121	78%	8.5	4206	38360	30078	78%	8.7	4427	42000	32942	78%	9.0	4660
	104°F	34118	26759	78%	7.7	4416	36610	28716	78%	7.9	4648	40908	32091	78%	8.4	4893
	113°F	32368	25384	78%	7.0	4626	34860	27341	78%	7.2	4870	39172	30716	78%	7.6	5126

EXTENDED RATINGS	TM42H5O

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature														
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
110%	0°F	24000	19500	81%	8.4	2860	26000	20500	79%	8.6	3010	28900	22300	77%	9.1	3169
	5°F	25582	20062	78%	8.6	2986	27045	21189	78%	8.6	3143	29782	23368	78%	9.0	3309
	14°F	26796	21016	78%	8.6	3112	28308	22193	78%	8.6	3276	31948	25057	78%	9.3	3448
	23°F	29358	23030	78%	9.1	3238	31402	24632	78%	9.2	3409	35980	28220	78%	10.0	3588
	32°F	30051	23572	78%	8.9	3365	32274	25316	78%	9.1	3542	37327	29279	78%	10.0	3728
	41°F	27549	21609	78%	7.9	3491	29773	23354	78%	8.1	3674	34704	27221	78%	9.0	3868
	50°F	25141	19720	78%	7.0	3617	27343	21448	78%	7.2	3807	32122	25197	78%	8.0	4008
	59°F	35602	27922	78%	9.5	3743	38080	29865	78%	9.7	3940	41706	32701	78%	10.1	4147
	68°F	40320	31623	78%	10.4	3869	42840	33594	78%	10.5	4073	45780	35906	78%	10.7	4287
	77°F	39844	31254	78%	10.0	3995	42378	33240	78%	10.1	4206	45360	35580	78%	10.3	4427
	86°F	37884	29709	78%	9.2	4122	40404	31694	78%	9.3	4338	44100	34587	78%	9.7	4567
	95°F	35854	28121	78%	8.5	4206	38360	30078	78%	8.7	4427	42000	32942	78%	9.0	4660
	104°F	34118	26759	78%	7.7	4416	36610	28716	78%	7.9	4648	40908	32091	78%	8.4	4893
	113°F	32368	25384	78%	7.0	4626	34860	27341	78%	7.2	4870	39172	30716	78%	7.6	5126
100%	0°F	24000	19500	81%	8.4	2860	26000	20500	79%	8.6	3010	28900	22300	77%	9.1	3169
	5°F	25582	20062	78%	8.6	2986	27045	21189	78%	8.6	3143	29782	23368	78%	9.0	3309
	14°F	26796	21016	78%	8.6	3112	28308	22193	78%	8.6	3276	31948	25057	78%	9.3	3448
	23°F	29358	23030	78%	9.1	3238	31402	24632	78%	9.2	3409	35980	28220	78%	10.0	3588
	32°F	30051	23572	78%	8.9	3365	32274	25316	78%	9.1	3542	37327	29279	78%	10.0	3728
	41°F	27549	21609	78%	7.9	3491	29773	23354	78%	8.1	3674	34704	27221	78%	9.0	3868
	50°F	25141	19720	78%	7.0	3617	27343	21448	78%	7.2	3807	32122	25197	78%	8.0	4008
	59°F	35602	27922	78%	9.5	3743	38080	29865	78%	9.7	3940	41706	32701	78%	10.1	4147
	68°F	40320	31623	78%	10.4	3869	42840	33594	78%	10.5	4073	45780	35906	78%	10.7	4287
	77°F	39844	31254	78%	10.0	3995	42378	33240	78%	10.1	4206	45360	35580	78%	10.3	4427
	86°F	37884	29709	78%	9.2	4122	40404	31694	78%	9.3	4338	44100	34587	78%	9.7	4567
	95°F	35854	28121	78%	8.5	4206	38360	30078	78%	8.7	4427	42000	32942	78%	9.0	4660
	104°F	34118	26759	78%	7.7	4416	36610	28716	78%	7.9	4648	40908	32091	78%	8.4	4893
	113°F	32368	25384	78%	7.0	4626	34860	27341	78%	7.2	4870	39172	30716	78%	7.6	5126

EXTENDED RATINGS	TM42H5O

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature														
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
90%	0°F	22320	18135	81%	8.1	2746	24180	19065	79%	8.4	2890	26877	20739	77%	8.8	3042
	5°F	23791	18658	78%	8.3	2867	25152	19706	78%	8.3	3017	27697	21732	78%	8.7	3177
	14°F	24920	19545	78%	8.3	2988	26326	20640	78%	8.4	3145	29712	23303	78%	9.0	3310
	23°F	27303	21418	78%	8.8	3108	29204	22908	78%	8.9	3273	33461	26244	78%	9.7	3444
	32°F	27948	21922	78%	8.7	3230	30015	23544	78%	8.8	3400	34714	27229	78%	9.7	3579
	41°F	25621	20096	78%	7.6	3351	27689	21719	78%	7.9	3527	32274	25316	78%	8.7	3713
	50°F	23381	18340	78%	6.7	3472	25429	19947	78%	7.0	3655	29874	23433	78%	7.8	3848
	59°F	33110	25967	78%	9.2	3593	35414	27774	78%	9.4	3782	38787	30412	78%	9.7	3981
	68°F	37498	29410	78%	10.1	3714	39841	31243	78%	10.2	3910	42575	33392	78%	10.4	4116
	77°F	37055	29067	78%	9.7	3835	39412	30913	78%	9.8	4038	42185	33089	78%	9.9	4250
	86°F	35232	27629	78%	8.9	3957	37576	29475	78%	9.0	4164	41013	32166	78%	9.4	4384
	95°F	33344	26152	78%	8.3	4038	35675	27972	78%	8.4	4250	39060	30636	78%	8.7	4474
	104°F	31730	24886	78%	7.5	4239	34047	26706	78%	7.6	4462	38044	29845	78%	8.1	4697
	113°F	30102	23607	78%	6.8	4441	32420	25427	78%	6.9	4675	36430	28566	78%	7.4	4921
80%	0°F	19680	15990	81%	8.0	2460	21320	16810	79%	8.2	2589	23698	18286	77%	8.7	2725
	5°F	20977	16451	78%	8.2	2568	22177	17375	78%	8.2	2703	24421	19162	78%	8.6	2846
	14°F	21973	17233	78%	8.2	2676	23213	18198	78%	8.2	2817	26197	20547	78%	8.8	2965
	23°F	24074	18884	78%	8.7	2785	25750	20198	78%	8.8	2932	29504	23140	78%	9.6	3086
	32°F	24642	19329	78%	8.5	2894	26465	20759	78%	8.7	3046	30608	24009	78%	9.6	3206
	41°F	22590	17719	78%	7.5	3002	24414	19150	78%	7.7	3160	28457	22321	78%	8.6	3326
	50°F	20615	16170	78%	6.6	3111	22421	17587	78%	6.9	3274	26340	20662	78%	7.6	3447
	59°F	29194	22896	78%	9.1	3219	31226	24489	78%	9.2	3388	34199	26815	78%	9.6	3566
	68°F	33062	25931	78%	9.9	3327	35129	27547	78%	10.0	3503	37540	29443	78%	10.2	3687
	77°F	32672	25629	78%	9.5	3436	34750	27257	78%	9.6	3617	37195	29175	78%	9.8	3807
	86°F	31065	24361	78%	8.8	3545	33131	25989	78%	8.9	3731	36162	28361	78%	9.2	3928
	95°F	29400	23059	78%	8.1	3617	31455	24664	78%	8.3	3807	34440	27012	78%	8.6	4008
	104°F	27977	21943	78%	7.4	3798	30020	23547	78%	7.5	3997	33545	26315	78%	8.0	4208
	113°F	26542	20815	78%	6.7	3978	28585	22419	78%	6.8	4188	32121	25187	78%	7.3	4408

EXTENDED RATINGS **TM42H5O**

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature														
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
70%	0°F	17280	14040	81%	8.0	2174	18720	14760	79%	8.2	2288	20808	16056	77%	8.6	2408
	5°F	18419	14445	78%	8.1	2269	19472	15256	78%	8.2	2389	21443	16825	78%	8.5	2515
	14°F	19293	15131	78%	8.2	2365	20382	15979	78%	8.2	2490	23003	18041	78%	8.8	2620
	23°F	21138	16581	78%	8.6	2461	22609	17735	78%	8.7	2591	25906	20318	78%	9.5	2727
	32°F	21637	16972	78%	8.5	2557	23237	18228	78%	8.6	2692	26875	21081	78%	9.5	2833
	41°F	19835	15558	78%	7.5	2653	21437	16815	78%	7.7	2792	24987	19599	78%	8.5	2940
	50°F	18101	14198	78%	6.6	2749	19687	15443	78%	6.8	2893	23128	18142	78%	7.6	3046
	59°F	25633	20104	78%	9.0	2845	27418	21503	78%	9.2	2994	30028	23545	78%	9.5	3152
	68°F	29030	22769	78%	9.9	2940	30845	24188	78%	10.0	3095	32962	25852	78%	10.1	3258
	77°F	28688	22503	78%	9.5	3036	30512	23933	78%	9.6	3197	32659	25617	78%	9.7	3365
	86°F	27276	21390	78%	8.7	3133	29091	22820	78%	8.8	3297	31752	24903	78%	9.2	3471
	95°F	25815	20247	78%	8.1	3197	27619	21656	78%	8.2	3365	30240	23718	78%	8.5	3542
	104°F	24565	19267	78%	7.3	3356	26359	20676	78%	7.5	3532	29454	23106	78%	7.9	3719
	113°F	23305	18276	78%	6.6	3516	25099	19685	78%	6.8	3701	28204	22115	78%	7.2	3896
60%	0°F	14880	12090	81%	7.9	1888	16120	12710	79%	8.1	1987	17918	13826	77%	8.6	2092
	5°F	15861	12438	78%	8.1	1971	16768	13137	78%	8.1	2074	18465	14488	78%	8.5	2184
	14°F	16614	13030	78%	8.1	2054	17551	13760	78%	8.1	2162	19808	15536	78%	8.7	2276
	23°F	18202	14278	78%	8.5	2137	19469	15272	78%	8.7	2250	22308	17496	78%	9.4	2368
	32°F	18632	14615	78%	8.4	2221	20010	15696	78%	8.6	2338	23143	18153	78%	9.4	2460
	41°F	17080	13398	78%	7.4	2304	18459	14479	78%	7.6	2425	21516	16877	78%	8.4	2553
	50°F	15587	12226	78%	6.5	2387	16953	13298	78%	6.8	2513	19916	15622	78%	7.5	2645
	59°F	22073	17312	78%	8.9	2470	23610	18516	78%	9.1	2600	25858	20275	78%	9.5	2737
	68°F	24998	19606	78%	9.8	2554	26561	20829	78%	9.9	2688	28384	22262	78%	10.0	2829
	77°F	24703	19378	78%	9.4	2637	26274	20609	78%	9.5	2776	28123	22059	78%	9.6	2922
	86°F	23488	18419	78%	8.6	2721	25050	19650	78%	8.8	2863	27342	21444	78%	9.1	3014
	95°F	22229	17435	78%	8.0	2776	23783	18648	78%	8.1	2922	26040	20424	78%	8.5	3076
	104°F	21153	16591	78%	7.3	2915	22698	17804	78%	7.4	3068	25363	19896	78%	7.9	3229
	113°F	20068	15738	78%	6.6	3053	21613	16951	78%	6.7	3214	24287	19044	78%	7.2	3383

EXTENDED RATINGS	TM42H5O

COOLING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature (DB)	Return Air Temperature														
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)				
		TC (KBtu/h)	SC (Btu/h)	SHR	EER	Power Input (KW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
50%	0°F	12480	10140	81%	7.8	1602	13520	10660	79%	8.0	1686	15028	11596	77%	8.5	1775
	5°F	13302	10432	78%	8.0	1672	14063	11018	78%	8.0	1760	15487	12151	78%	8.4	1853
	14°F	13934	10928	78%	8.0	1743	14720	11540	78%	8.0	1835	16613	13030	78%	8.6	1931
	23°F	15266	11975	78%	8.4	1813	16329	12809	78%	8.6	1909	18710	14674	78%	9.3	2009
	32°F	15627	12257	78%	8.3	1884	16782	13164	78%	8.5	1984	19410	15225	78%	9.3	2088
	41°F	14325	11237	78%	7.3	1955	15482	12144	78%	7.5	2057	18046	14155	78%	8.3	2166
	50°F	13073	10254	78%	6.5	2026	14218	11153	78%	6.7	2132	16704	13102	78%	7.4	2244
	59°F	18513	14519	78%	8.8	2096	19802	15530	78%	9.0	2206	21687	17005	78%	9.3	2322
	68°F	20966	16444	78%	9.7	2167	22277	17469	78%	9.8	2281	23806	18671	78%	9.9	2401
	77°F	20719	16252	78%	9.3	2237	22037	17285	78%	9.4	2355	23587	18501	78%	9.5	2479
	86°F	19700	15449	78%	8.5	2308	21010	16481	78%	8.7	2429	22932	17985	78%	9.0	2558
	95°F	18644	14623	78%	7.9	2355	19947	15640	78%	8.1	2479	21840	17130	78%	8.4	2610
	104°F	17741	13915	78%	7.2	2473	19037	14932	78%	7.3	2603	21272	16687	78%	7.8	2740
	113°F	16831	13200	78%	6.5	2591	18127	14217	78%	6.7	2727	20369	15972	78%	7.1	2871

EXTENDED RATINGS — TM42H5O

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
135%	-31°F	-32°F	27500	1.5	5500	27000	1.4	5520	26000	1.3	5850
	-22°F	-22.5°F	29134	1.5	5571	28744	1.5	5727	27998	1.4	5909
	-13°F	-14°F	32450	1.7	5651	31904	1.6	5808	30689	1.5	5993
	-5°F	-6°F	37824	2.0	5635	37188	1.9	5792	35799	1.8	5976
	0°F	-1°F	30672	1.8	5000	30273	1.7	5100	29507	1.7	5180
	5°F	3°F	31200	1.8	5020	30794	1.8	5130	30014	1.7	5240
	10°F	8°F	34313	1.8	5480	33866	1.8	5600	33009	1.7	5720
	17°F	15°F	42723	2.2	5717	42011	2.1	5877	40352	2.0	6064
	19°F	16°F	42686	2.3	5497	41988	2.2	5651	40320	2.0	5830
	24°F	21°F	41296	2.2	5424	40671	2.1	5575	39250	2.0	5752
	32°F	29°F	40132	2.3	5189	39589	2.2	5334	38348	2.0	5503
	41°F	37°F	41630	2.4	5114	41141	2.3	5256	39959	2.2	5423
	43°F	39°F	42751	2.5	5097	42248	2.4	5240	41093	2.2	5406
	47°F	43°F	46460	2.6	5215	45655	2.5	5361	43789	2.3	5531
	53°F	49°F	46920	2.9	4739	46101	2.8	4872	44234	2.6	5026
	59°F	54°F	43198	2.7	4785	42435	2.5	4918	40703	2.4	5074
	64°F	59°F	44117	3.0	4388	43341	2.8	4510	41582	2.6	4654
	70°F	64°F	44945	3.0	4456	44169	2.8	4580	42358	2.6	4726
	75°F	69°F	45579	3.3	4072	44777	3.1	4185	42965	2.9	4318
	78°F	72°F	45993	3.3	4108	45191	3.1	4223	43353	2.9	4357
120%	-31°F	-32°F	27500	1.5	5500	27000	1.4	5520	26000	1.3	5850
	-22°F	-22.5°F	29134	1.5	5571	28744	1.5	5727	27998	1.4	5909
	-13°F	-14°F	32450	1.7	5651	31904	1.6	5808	30689	1.5	5993
	-5°F	-6°F	37824	2.0	5635	37188	1.9	5792	35799	1.8	5976
	0°F	-1°F	30672	1.8	5000	30273	1.7	5100	29507	1.7	5180
	5°F	3°F	31200	1.8	5020	30794	1.8	5130	30014	1.7	5240
	10°F	8°F	34313	1.8	5480	33866	1.8	5600	33009	1.7	5720
	17°F	15°F	42723	2.2	5717	42011	2.1	5877	40352	2.0	6064
	19°F	16°F	42686	2.3	5497	41988	2.2	5651	40320	2.0	5830
	24°F	21°F	41296	2.2	5424	40671	2.1	5575	39250	2.0	5752
	32°F	29°F	40132	2.3	5189	39589	2.2	5334	38348	2.0	5503
	41°F	37°F	41630	2.4	5114	41141	2.3	5256	39959	2.2	5423
	43°F	39°F	42751	2.5	5097	42248	2.4	5240	41093	2.2	5406
	47°F	43°F	46460	2.6	5215	45655	2.5	5361	43789	2.3	5531
	53°F	49°F	46920	2.9	4739	46101	2.8	4872	44234	2.6	5026
	59°F	54°F	43198	2.7	4785	42435	2.5	4918	40703	2.4	5074
	64°F	59°F	44117	3.0	4388	43341	2.8	4510	41582	2.6	4654
	70°F	64°F	44945	3.0	4456	44169	2.8	4580	42358	2.6	4726
	75°F	69°F	45579	3.3	4072	44777	3.1	4185	42965	2.9	4318
	78°F	72°F	45993	3.3	4108	45191	3.1	4223	43353	2.9	4357

EXTENDED RATINGS — TM42H5O

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
110%	-31°F	-32°F	27500	1.5	5500	27000	1.4	5520	26000	1.3	5850
	-22°F	-22.5°F	29134	1.5	5571	28744	1.5	5727	27998	1.4	5909
	-13°F	-14°F	32450	1.7	5651	31904	1.6	5808	30689	1.5	5993
	-5°F	-6°F	37824	2.0	5635	37188	1.9	5792	35799	1.8	5976
	0°F	-1°F	30672	1.8	5000	30273	1.7	5100	29507	1.7	5180
	5°F	3°F	31200	1.8	5020	30794	1.8	5130	30014	1.7	5240
	10°F	8°F	34313	1.8	5480	33866	1.8	5600	33009	1.7	5720
	17°F	15°F	42723	2.2	5717	42011	2.1	5877	40352	2.0	6064
	19°F	16°F	42686	2.3	5497	41988	2.2	5651	40320	2.0	5830
	24°F	21°F	41296	2.2	5424	40671	2.1	5575	39250	2.0	5752
	32°F	29°F	40132	2.3	5189	39589	2.2	5334	38348	2.0	5503
	41°F	37°F	41630	2.4	5114	41141	2.3	5256	39959	2.2	5423
	43°F	39°F	42751	2.5	5097	42248	2.4	5240	41093	2.2	5406
	47°F	43°F	46460	2.6	5215	45655	2.5	5361	43789	2.3	5531
	53°F	49°F	46920	2.9	4739	46101	2.8	4872	44234	2.6	5026
	59°F	54°F	43198	2.7	4785	42435	2.5	4918	40703	2.4	5074
	64°F	59°F	44117	3.0	4388	43341	2.8	4510	41582	2.6	4654
	70°F	64°F	44945	3.0	4456	44169	2.8	4580	42358	2.6	4726
	75°F	69°F	45579	3.3	4072	44777	3.1	4185	42965	2.9	4318
	78°F	72°F	45993	3.3	4108	45191	3.1	4223	43353	2.9	4357
100%	-31°F	-32°F	27500	1.5	5500	27000	1.4	5520	26000	1.3	5850
	-22°F	-22.5°F	29134	1.5	5571	28744	1.5	5727	27998	1.4	5909
	-13°F	-14°F	32450	1.7	5651	31904	1.6	5808	30689	1.5	5993
	-5°F	-6°F	37824	2.0	5635	37188	1.9	5792	35799	1.8	5976
	0°F	-1°F	30672	1.8	5000	30273	1.7	5100	29507	1.7	5180
	5°F	3°F	31200	1.8	5020	30794	1.8	5130	30014	1.7	5240
	10°F	8°F	34313	1.8	5480	33866	1.8	5600	33009	1.7	5720
	17°F	15°F	42723	2.2	5717	42011	2.1	5877	40352	2.0	6064
	19°F	16°F	42686	2.3	5497	41988	2.2	5651	40320	2.0	5830
	24°F	21°F	41296	2.2	5424	40671	2.1	5575	39250	2.0	5752
	32°F	29°F	40132	2.3	5189	39589	2.2	5334	38348	2.0	5503
	41°F	37°F	41630	2.4	5114	41141	2.3	5256	39959	2.2	5423
	43°F	39°F	42751	2.5	5097	42248	2.4	5240	41093	2.2	5406
	47°F	43°F	46460	2.6	5215	45655	2.5	5361	43789	2.3	5531
	53°F	49°F	46920	2.9	4739	46101	2.8	4872	44234	2.6	5026
	59°F	54°F	43198	2.7	4785	42435	2.5	4918	40703	2.4	5074
	64°F	59°F	44117	3.0	4388	43341	2.8	4510	41582	2.6	4654
	70°F	64°F	44945	3.0	4456	44169	2.8	4580	42358	2.6	4726
	75°F	69°F	45579	3.3	4072	44777	3.1	4185	42965	2.9	4318
	78°F	72°F	45993	3.3	4108	45191	3.1	4223	43353	2.9	4357

EXTENDED RATINGS — TM42H5O

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
90%	-31°F	-32°F	26125	1.5	5280	25650	1.4	5299	24700	1.3	5616
	-22°F	-22.5°F	27677	1.5	5348	27307	1.5	5498	26598	1.4	5673
	-13°F	-14°F	30828	1.7	5425	30309	1.6	5576	29155	1.5	5753
	-5°F	-6°F	35933	2.0	5410	35328	1.9	5560	34009	1.7	5737
	0°F	-1°F	29138	1.8	4800	28759	1.7	4896	28032	1.7	4973
	5°F	3°F	29640	1.8	4819	29254	1.7	4925	28513	1.7	5030
	10°F	8°F	32597	1.8	5261	32173	1.8	5376	31359	1.7	5491
	17°F	15°F	40586	2.2	5488	39910	2.1	5642	38334	1.9	5821
	19°F	16°F	40551	2.3	5277	39888	2.2	5425	38304	2.0	5597
	24°F	21°F	39231	2.2	5207	38637	2.1	5352	37288	2.0	5522
	32°F	29°F	38126	2.2	4981	37609	2.2	5121	36431	2.0	5283
	41°F	37°F	39549	2.4	4909	39084	2.3	5046	37961	2.1	5206
	43°F	39°F	40614	2.4	4893	40136	2.3	5030	39038	2.2	5190
	47°F	43°F	44137	2.6	5006	43372	2.5	5147	41599	2.3	5310
	53°F	49°F	44574	2.9	4549	43796	2.7	4677	42022	2.6	4825
	59°F	54°F	41038	2.6	4594	40313	2.5	4721	38668	2.3	4871
	64°F	59°F	41911	2.9	4212	41174	2.8	4330	39503	2.6	4468
	70°F	64°F	42698	2.9	4278	41960	2.8	4397	40240	2.6	4537
	75°F	69°F	43300	3.3	3909	42538	3.1	4018	40817	2.9	4145
	78°F	72°F	43693	3.3	3944	42931	3.1	4054	41186	2.9	4183
80%	-31°F	-32°F	23100	1.4	4730	22680	1.4	4747	21840	1.3	5031
	-22°F	-22.5°F	24473	1.5	4791	24145	1.4	4925	23518	1.4	5082
	-13°F	-14°F	27258	1.6	4860	26799	1.6	4995	25779	1.5	5154
	-5°F	-6°F	31773	1.9	4846	31238	1.8	4981	30071	1.7	5139
	0°F	-1°F	25764	1.8	4300	25429	1.7	4386	24786	1.6	4455
	5°F	3°F	26208	1.8	4317	25867	1.7	4412	25212	1.6	4506
	10°F	8°F	28823	1.8	4713	28447	1.7	4816	27728	1.7	4919
	17°F	15°F	35887	2.1	4917	35289	2.1	5054	33895	1.9	5215
	19°F	16°F	35856	2.2	4727	35270	2.1	4860	33869	2.0	5014
	24°F	21°F	34688	2.2	4665	34164	2.1	4795	32970	2.0	4947
	32°F	29°F	33711	2.2	4463	33255	2.1	4587	32212	2.0	4733
	41°F	37°F	34969	2.3	4398	34559	2.2	4520	33565	2.1	4664
	43°F	39°F	35911	2.4	4383	35488	2.3	4506	34518	2.2	4649
	47°F	43°F	39026	2.6	4485	38350	2.4	4610	36783	2.3	4757
	53°F	49°F	39413	2.8	4076	38725	2.7	4190	37156	2.5	4322
	59°F	54°F	36287	2.6	4115	35645	2.5	4229	34190	2.3	4364
	64°F	59°F	37058	2.9	3774	36406	2.8	3879	34929	2.6	4002
	70°F	64°F	37754	2.9	3832	37102	2.8	3939	35581	2.6	4064
	75°F	69°F	38286	3.2	3502	37612	3.1	3599	36091	2.9	3713
	78°F	72°F	38634	3.2	3533	37960	3.1	3632	36417	2.9	3747

EXTENDED RATINGS **TM42H5O**

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
70%	-31°F	-32°F	20075	1.4	4180	19710	1.4	4195	18980	1.3	4446
	-22°F	-22.5°F	21268	1.5	4234	20983	1.4	4353	20439	1.3	4491
	-13°F	-14°F	23689	1.6	4295	23290	1.6	4414	22403	1.4	4555
	-5°F	-6°F	27612	1.9	4283	27147	1.8	4402	26133	1.7	4542
	0°F	-1°F	22391	1.7	3800	22099	1.7	3876	21540	1.6	3937
	5°F	3°F	22776	1.8	3815	22480	1.7	3899	21910	1.6	3982
	10°F	8°F	25048	1.8	4165	24722	1.7	4256	24097	1.6	4347
	17°F	15°F	31187	2.1	4345	30668	2.0	4467	29457	1.9	4609
	19°F	16°F	31161	2.2	4178	30651	2.1	4295	29434	2.0	4431
	24°F	21°F	30146	2.1	4122	29690	2.1	4237	28653	1.9	4372
	32°F	29°F	29296	2.2	3944	28900	2.1	4054	27994	2.0	4182
	41°F	37°F	30390	2.3	3887	30033	2.2	3995	29170	2.1	4121
	43°F	39°F	31208	2.4	3874	30841	2.3	3982	29998	2.1	4109
	47°F	43°F	33916	2.5	3963	33328	2.4	4074	31966	2.2	4204
	53°F	49°F	34252	2.8	3602	33653	2.7	3703	32291	2.5	3820
	59°F	54°F	31535	2.5	3637	30978	2.4	3738	29713	2.3	3856
	64°F	59°F	32205	2.8	3335	31639	2.7	3428	30355	2.5	3537
	70°F	64°F	32810	2.8	3387	32243	2.7	3481	30921	2.5	3592
	75°F	69°F	33273	3.2	3095	32687	3.0	3181	31365	2.8	3282
	78°F	72°F	33575	3.2	3122	32989	3.0	3209	31648	2.8	3311
60%	-31°F	-32°F	17188	1.4	3630	16875	1.4	3643	16250	1.2	3861
	-22°F	-22.5°F	18209	1.5	3677	17965	1.4	3780	17499	1.3	3900
	-13°F	-14°F	20282	1.6	3730	19940	1.5	3833	19181	1.4	3955
	-5°F	-6°F	23640	1.9	3719	23242	1.8	3823	22374	1.7	3944
	0°F	-1°F	19170	1.7	3300	18921	1.7	3366	18442	1.6	3419
	5°F	3°F	19500	1.7	3313	19246	1.7	3386	18759	1.6	3458
	10°F	8°F	21446	1.7	3617	21166	1.7	3696	20631	1.6	3775
	17°F	15°F	26702	2.1	3773	26257	2.0	3879	25220	1.9	4002
	19°F	16°F	26679	2.2	3628	26242	2.1	3730	25200	1.9	3848
	24°F	21°F	25810	2.1	3580	25419	2.0	3680	24531	1.9	3796
	32°F	29°F	25083	2.2	3425	24743	2.1	3520	23968	1.9	3632
	41°F	37°F	26019	2.3	3375	25713	2.2	3469	24974	2.1	3579
	43°F	39°F	26720	2.3	3364	26405	2.2	3458	25683	2.1	3568
	47°F	43°F	29038	2.5	3442	28534	2.4	3538	27368	2.2	3650
	53°F	49°F	29325	2.8	3128	28813	2.6	3216	27646	2.4	3317
	59°F	54°F	26999	2.5	3158	26522	2.4	3246	25439	2.2	3349
	64°F	59°F	27573	2.8	2896	27088	2.7	2977	25989	2.5	3072
	70°F	64°F	28091	2.8	2941	27605	2.7	3023	26474	2.5	3119
	75°F	69°F	28487	3.1	2688	27985	3.0	2762	26853	2.8	2850
	78°F	72°F	28746	3.1	2711	28244	3.0	2787	27096	2.8	2876

EXTENDED RATINGS — TM42H5O

HEATING PERFORMANCE

Connected Capacity	Outdoor Ambient Temperature		Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
	DB	WB	TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
50%	-31°F	-32°F	14383	1.4	3080	14121	1.3	3091	13598	1.2	3276
	-22°F	-22.5°F	15237	1.4	3120	15033	1.4	3207	14643	1.3	3309
	-13°F	-14°F	16972	1.6	3165	16686	1.5	3252	16050	1.4	3356
	-5°F	-6°F	19782	1.8	3156	19449	1.8	3244	18723	1.6	3347
	0°F	-1°F	16041	1.7	2800	15833	1.6	2856	15432	1.6	2901
	5°F	3°F	16318	1.7	2811	16105	1.6	2873	15697	1.6	2934
	10°F	8°F	17946	1.7	3069	17712	1.7	3136	17264	1.6	3203
	17°F	15°F	22344	2.1	3202	21972	2.0	3291	21104	1.8	3396
	19°F	16°F	22325	2.1	3078	21959	2.0	3165	21087	1.9	3265
	24°F	21°F	21598	2.1	3037	21271	2.0	3122	20528	1.9	3221
	32°F	29°F	20989	2.1	2906	20705	2.0	2987	20056	1.9	3082
	41°F	37°F	21772	2.2	2864	21517	2.1	2943	20898	2.0	3037
	43°F	39°F	22359	2.3	2854	22096	2.2	2934	21491	2.1	3027
	47°F	43°F	24299	2.4	2920	23878	2.3	3002	22902	2.2	3097
	53°F	49°F	24539	2.7	2654	24111	2.6	2728	23134	2.4	2815
	59°F	54°F	22593	2.5	2680	22194	2.4	2754	21288	2.2	2841
	64°F	59°F	23073	2.8	2457	22667	2.6	2526	21747	2.5	2606
	70°F	64°F	23506	2.8	2495	23100	2.6	2565	22153	2.5	2647
	75°F	69°F	23838	3.1	2280	23418	2.9	2344	22471	2.7	2418
	78°F	72°F	24054	3.1	2300	23635	2.9	2365	22674	2.7	2440

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