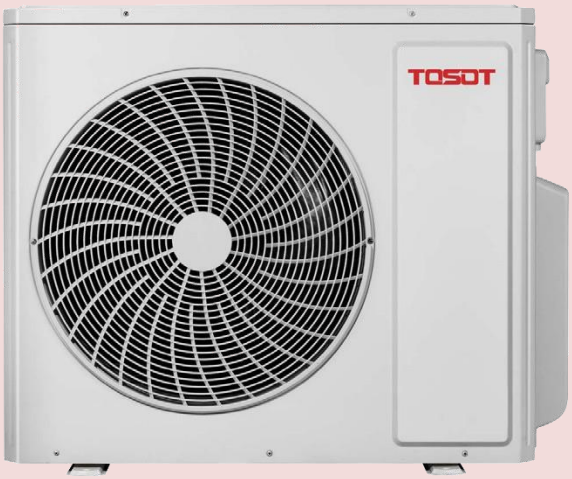
TOSOT

Multi Pular



EXTENDED RATINGS

Outdoor Unit

MODELS:

TM18HX4O
TM24HX4O
TM30HX4O
TM36HX4O
TM42HX4O

EXTENDED RATINGS	TM18HX4O

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	8676	6724	78%	14.1	616	9260	7204	78%	14.5	637	10416	8166	78%	15.4	676	11822	9280	79%	16.6	711
	-4°F	9230	7153	78%	14.1	656	9851	7664	78%	14.5	678	11081	8687	78%	15.4	719	12577	9873	79%	16.6	756
	5°F	9819	7610	78%	14.1	698	10479	8153	78%	14.5	721	11788	9242	78%	15.4	765	13379	10503	79%	16.6	805
	14°F	10446	8096	78%	14.1	742	11148	8673	78%	14.5	767	12540	9832	78%	15.4	814	14233	11173	79%	16.6	856
	23°F	11113	8612	78%	14.1	789	11860	9227	78%	14.5	816	13341	10459	78%	15.4	866	15142	11886	79%	16.6	911
	32°F	11822	9162	78%	14.1	840	12617	9816	78%	14.5	868	14192	11127	78%	15.4	921	16108	12645	79%	16.6	969
	41°F	12577	9747	78%	14.1	893	13422	10443	78%	14.5	924	15098	11837	78%	15.4	980	17136	13452	79%	16.6	1031
	50°F	13380	10369	78%	14.1	950	14279	11109	78%	14.5	983	16062	12593	78%	15.4	1042	18230	14311	79%	16.6	1096
	59°F	14234	11031	78%	14.1	1011	15190	11818	78%	14.5	1045	17087	13396	78%	15.4	1109	19394	15224	79%	16.6	1166
	68°F	15142	11735	78%	14.1	1076	16160	12573	78%	14.5	1112	18178	14251	78%	15.4	1179	20632	16196	79%	16.6	1241
	77°F	14815	11482	78%	13.0	1144	15811	12301	78%	13.4	1183	17785	13944	78%	14.2	1255	20186	15846	79%	15.3	1320
	86°F	14488	11228	78%	11.9	1217	15462	12029	78%	12.3	1259	17393	13636	78%	13.0	1335	19741	15496	79%	14.1	1404
	95°F	14161	10975	78%	10.9	1295	15113	11758	78%	11.3	1339	17000	13328	78%	12.0	1420	19295	15147	79%	12.9	1494
	104°F	13834	10721	78%	8.5	1628	14764	11486	78%	8.8	1683	16607	13020	78%	9.3	1785	18849	14797	79%	10.0	1878
	113°F	13507	10468	78%	6.9	1961	14415	11215	78%	7.1	2027	16215	12712	78%	7.5	2150	18404	14447	79%	8.1	2260
	118°F	13311	10316	78%	6.5	2052	14206	11052	78%	6.7	2122	15979	12528	78%	7.1	2250	18136	14237	79%	8.0	2260
120%	-22°F	8676	6724	78%	14.1	616	9260	7204	78%	14.5	637	10416	8166	78%	15.4	676	11822	9280	79%	16.6	711
	-4°F	9230	7153	78%	14.1	656	9851	7664	78%	14.5	678	11081	8687	78%	15.4	719	12577	9873	79%	16.6	756
	5°F	9819	7610	78%	14.1	698	10479	8153	78%	14.5	721	11788	9242	78%	15.4	765	13379	10503	79%	16.6	805
	14°F	10446	8096	78%	14.1	742	11148	8673	78%	14.5	767	12540	9832	78%	15.4	814	14233	11173	79%	16.6	856
	23°F	11113	8612	78%	14.1	789	11860	9227	78%	14.5	816	13341	10459	78%	15.4	866	15142	11886	79%	16.6	911
	32°F	11822	9162	78%	14.1	840	12617	9816	78%	14.5	868	14192	11127	78%	15.4	921	16108	12645	79%	16.6	969
	41°F	12577	9747	78%	14.1	893	13422	10443	78%	14.5	924	15098	11837	78%	15.4	980	17136	13452	79%	16.6	1031
	50°F	13380	10369	78%	14.1	950	14279	11109	78%	14.5	983	16062	12593	78%	15.4	1042	18230	14311	79%	16.6	1096
	59°F	14234	11031	78%	14.1	1011	15190	11818	78%	14.5	1045	17087	13396	78%	15.4	1109	19394	15224	79%	16.6	1166
	68°F	15142	11735	78%	14.1	1076	16160	12573	78%	14.5	1112	18178	14251	78%	15.4	1179	20632	16196	79%	16.6	1241
	77°F	14815	11482	78%	13.0	1144	15811	12301	78%	13.4	1183	17785	13944	78%	14.2	1255	20186	15846	79%	15.3	1320
	86°F	14488	11228	78%	11.9	1217	15462	12029	78%	12.3	1259	17393	13636	78%	13.0	1335	19741	15496	79%	14.1	1404
	95°F	14161	10975	78%	10.9	1295	15113	11758	78%	11.3	1339	17000	13328	78%	12.0	1420	19295	15147	79%	12.9	1494
	104°F	13834	10721	78%	8.5	1628	14764	11486	78%	8.8	1683	16607	13020	78%	9.3	1785	18849	14797	79%	10.0	1878
	113°F	13507	10468	78%	6.9	1961	14415	11215	78%	7.1	2027	16215	12712	78%	7.5	2150	18404	14447	79%	8.1	2260
	118°F	13311	10316	78%	6.5	2052	14206	11052	78%	6.7	2122	15979	12528	78%	7.1	2250	18136	14237	79%	8.0	2260

EXTENDED RATINGS	TM18HX4O

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	8676	6724	78%	14.1	616	9260	7204	78%	14.5	637	10416	8166	78%	15.4	676	11822	9280	79%	16.6	711
	-4°F	9230	7153	78%	14.1	656	9851	7664	78%	14.5	678	11081	8687	78%	15.4	719	12577	9873	79%	16.6	756
	5°F	9819	7610	78%	14.1	698	10479	8153	78%	14.5	721	11788	9242	78%	15.4	765	13379	10503	79%	16.6	805
	14°F	10446	8096	78%	14.1	742	11148	8673	78%	14.5	767	12540	9832	78%	15.4	814	14233	11173	79%	16.6	856
	23°F	11113	8612	78%	14.1	789	11860	9227	78%	14.5	816	13341	10459	78%	15.4	866	15142	11886	79%	16.6	911
	32°F	11822	9162	78%	14.1	840	12617	9816	78%	14.5	868	14192	11127	78%	15.4	921	16108	12645	79%	16.6	969
	41°F	12577	9747	78%	14.1	893	13422	10443	78%	14.5	924	15098	11837	78%	15.4	980	17136	13452	79%	16.6	1031
	50°F	13380	10369	78%	14.1	950	14279	11109	78%	14.5	983	16062	12593	78%	15.4	1042	18230	14311	79%	16.6	1096
	59°F	14234	11031	78%	14.1	1011	15190	11818	78%	14.5	1045	17087	13396	78%	15.4	1109	19394	15224	79%	16.6	1166
	68°F	15142	11735	78%	14.1	1076	16160	12573	78%	14.5	1112	18178	14251	78%	15.4	1179	20632	16196	79%	16.6	1241
	77°F	14815	11482	78%	13.0	1144	15811	12301	78%	13.4	1183	17785	13944	78%	14.2	1255	20186	15846	79%	15.3	1320
	86°F	14488	11228	78%	11.9	1217	15462	12029	78%	12.3	1259	17393	13636	78%	13.0	1335	19741	15496	79%	14.1	1404
	95°F	14161	10975	78%	10.9	1295	15113	11758	78%	11.3	1339	17000	13328	78%	12.0	1420	19295	15147	79%	12.9	1494
	104°F	13834	10721	78%	8.5	1628	14764	11486	78%	8.8	1683	16607	13020	78%	9.3	1785	18849	14797	79%	10.0	1878
	113°F	13507	10468	78%	6.9	1961	14415	11215	78%	7.1	2027	16215	12712	78%	7.5	2150	18404	14447	79%	8.1	2260
	118°F	13311	10316	78%	6.5	2052	14206	11052	78%	6.7	2122	15979	12528	78%	7.1	2250	18136	14237	79%	8.0	2260
100%	-22°F	8676	6724	78%	14.1	616	9260	7204	78%	14.5	637	10416	8166	78%	15.4	676	11822	9280	79%	16.6	711
	-4°F	9230	7153	78%	14.1	656	9851	7664	78%	14.5	678	11081	8687	78%	15.4	719	12577	9873	79%	16.6	756
	5°F	9819	7610	78%	14.1	698	10479	8153	78%	14.5	721	11788	9242	78%	15.4	765	13379	10503	79%	16.6	805
	14°F	10446	8096	78%	14.1	742	11148	8673	78%	14.5	767	12540	9832	78%	15.4	814	14233	11173	79%	16.6	856
	23°F	11113	8612	78%	14.1	789	11860	9227	78%	14.5	816	13341	10459	78%	15.4	866	15142	11886	79%	16.6	911
	32°F	11822	9162	78%	14.1	840	12617	9816	78%	14.5	868	14192	11127	78%	15.4	921	16108	12645	79%	16.6	969
	41°F	12577	9747	78%	14.1	893	13422	10443	78%	14.5	924	15098	11837	78%	15.4	980	17136	13452	79%	16.6	1031
	50°F	13380	10369	78%	14.1	950	14279	11109	78%	14.5	983	16062	12593	78%	15.4	1042	18230	14311	79%	16.6	1096
	59°F	14234	11031	78%	14.1	1011	15190	11818	78%	14.5	1045	17087	13396	78%	15.4	1109	19394	15224	79%	16.6	1166
	68°F	15142	11735	78%	14.1	1076	16160	12573	78%	14.5	1112	18178	14251	78%	15.4	1179	20632	16196	79%	16.6	1241
	77°F	14815	11482	78%	13.0	1144	15811	12301	78%	13.4	1183	17785	13944	78%	14.2	1255	20186	15846	79%	15.3	1320
	86°F	14488	11228	78%	11.9	1217	15462	12029	78%	12.3	1259	17393	13636	78%	13.0	1335	19741	15496	79%	14.1	1404
	95°F	14161	10975	78%	10.9	1295	15113	11758	78%	11.3	1339	17000	13328	78%	12.0	1420	19295	15147	79%	12.9	1494
	104°F	13834	10721	78%	8.5	1628	14764	11486	78%	8.8	1683	16607	13020	78%	9.3	1785	18849	14797	79%	10.0	1878
	113°F	13507	10468	78%	6.9	1961	14415	11215	78%	7.1	2027	16215	12712	78%	7.5	2150	18404	14447	79%	8.1	2260
	118°F	13311	10316	78%	6.5	2052	14206	11052	78%	6.7	2122	15979	12528	78%	7.1	2250	18136	14237	79%	8.0	2260

EXTENDED RATINGS	TM18HX4O

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	8242	6388	78%	13.9	591	8797	6844	78%	14.4	612	9895	7758	78%	15.3	649	11231	8816	79%	16.5	683
	-4°F	8769	6795	78%	13.9	630	9358	7281	78%	14.4	651	10527	8253	78%	15.3	690	11948	9379	79%	16.5	726
	5°F	9328	7230	78%	13.9	670	9955	7745	78%	14.4	692	11199	8780	78%	15.3	734	12710	9978	79%	16.5	773
	14°F	9924	7691	78%	13.9	712	10591	8239	78%	14.4	736	11913	9340	78%	15.2	781	13521	10614	79%	16.5	822
	23°F	10557	8181	77%	13.9	757	11267	8766	78%	14.4	783	12674	9936	78%	15.2	831	14385	11292	79%	16.5	875
	32°F	11231	8704	78%	13.9	806	11986	9325	78%	14.4	833	13482	10571	78%	15.3	884	15303	12013	79%	16.5	930
	41°F	11948	9260	78%	13.9	857	12751	9921	78%	14.4	887	14343	11245	78%	15.3	941	16279	12779	79%	16.5	990
	50°F	12711	9851	78%	13.9	912	13565	10554	78%	14.4	944	15259	11963	78%	15.3	1000	17319	13595	79%	16.5	1052
	59°F	13522	10479	78%	13.9	971	14431	11227	78%	14.4	1003	16233	12726	78%	15.3	1065	18424	14463	79%	16.5	1119
	68°F	14385	11148	78%	13.9	1033	15352	11944	78%	14.4	1068	17269	13538	78%	15.3	1132	19600	15386	79%	16.5	1191
	77°F	14074	10908	78%	12.8	1098	15020	11686	78%	13.2	1136	16896	13247	78%	14.0	1205	19177	15054	79%	15.1	1267
	86°F	13764	10667	78%	11.8	1168	14689	11428	78%	12.2	1209	16523	12954	78%	12.9	1282	18754	14721	79%	13.9	1348
	95°F	13453	10426	78%	10.8	1243	14357	11170	78%	11.2	1285	16150	12662	78%	11.9	1363	18330	14390	79%	12.8	1434
	104°F	13142	10185	78%	8.4	1563	14026	10912	78%	8.7	1616	15777	12369	78%	9.2	1714	17907	14057	79%	9.9	1803
	113°F	12832	9945	78%	6.8	1883	13694	10654	78%	7.0	1946	15404	12076	78%	7.5	2064	17484	13725	79%	8.1	2170
	118°F	12645	9800	78%	6.4	1970	13496	10499	78%	6.6	2037	15180	11902	78%	7.0	2160	17229	13525	79%	7.9	2170
80%	-22°F	7375	5715	78%	13.9	530	7871	6123	78%	14.4	548	8854	6941	78%	15.2	581	10049	7888	79%	16.4	611
	-4°F	7846	6080	78%	13.9	564	8373	6514	78%	14.4	583	9419	7384	78%	15.2	618	10690	8392	79%	16.4	650
	5°F	8346	6469	78%	13.9	600	8907	6930	78%	14.4	620	10020	7856	78%	15.2	658	11372	8928	79%	16.4	692
	14°F	8879	6882	78%	13.9	638	9476	7372	78%	14.4	660	10659	8357	78%	15.2	700	12098	9497	79%	16.4	736
	23°F	9446	7320	77%	13.9	679	10081	7843	78%	14.4	702	11340	8890	78%	15.2	745	12871	10103	79%	16.4	783
	32°F	10049	7788	78%	13.9	722	10724	8344	78%	14.4	746	12063	9458	78%	15.2	792	13692	10748	79%	16.4	833
	41°F	10690	8285	78%	13.9	768	11409	8877	78%	14.4	795	12833	10061	78%	15.2	843	14566	11434	79%	16.4	887
	50°F	11373	8814	78%	13.9	817	12137	9443	78%	14.4	845	13653	10704	78%	15.2	896	15496	12164	79%	16.4	943
	59°F	12099	9376	78%	13.9	869	12912	10045	78%	14.4	899	14524	11387	78%	15.2	954	16485	12940	79%	16.4	1003
	68°F	12871	9975	78%	13.9	925	13736	10687	78%	14.4	956	15451	12113	78%	15.2	1014	17537	13767	79%	16.4	1067
	77°F	12593	9760	78%	12.8	984	13439	10456	78%	13.2	1017	15117	11852	78%	14.0	1079	17158	13469	79%	15.1	1135
	86°F	12315	9544	78%	11.8	1047	13143	10225	78%	12.1	1083	14784	11591	78%	12.9	1148	16780	13172	79%	13.9	1207
	95°F	12037	9329	78%	10.8	1114	12846	9994	78%	11.2	1152	14450	11329	78%	11.8	1221	16401	12875	79%	12.8	1285
	104°F	11759	9113	78%	8.4	1400	12549	9763	78%	8.7	1447	14116	11067	78%	9.2	1535	16022	12577	79%	9.9	1615
	113°F	11481	8898	78%	6.8	1686	12253	9533	78%	7.0	1743	13783	10805	78%	7.5	1849	15643	12280	79%	8.1	1944
	118°F	11314	8769	78%	6.4	1765	12075	9394	78%	6.6	1825	13582	10649	78%	7.0	1935	15416	12101	79%	7.9	1944

EXTENDED RATINGS	TM18HX4O

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	6507	5043	78%	13.9	468	6945	5403	78%	14.4	484	7812	6125	78%	15.2	514	8867	6960	79%	16.4	540
	-4°F	6923	5365	78%	13.9	499	7388	5748	78%	14.3	515	8311	6515	78%	15.2	546	9433	7405	79%	16.4	575
	5°F	7364	5708	78%	13.9	530	7859	6115	78%	14.3	548	8841	6932	78%	15.2	581	10034	7877	79%	16.4	612
	14°F	7835	6072	78%	13.9	564	8361	6505	78%	14.3	583	9405	7374	78%	15.2	619	10675	8380	79%	16.4	651
	23°F	8335	6459	77%	13.9	600	8895	6920	78%	14.3	620	10006	7844	78%	15.2	658	11357	8915	79%	16.4	692
	32°F	8867	6872	78%	13.9	638	9463	7362	78%	14.3	660	10644	8345	78%	15.2	700	12081	9484	79%	16.4	736
	41°F	9433	7310	78%	13.9	679	10067	7832	78%	14.3	702	11324	8878	78%	15.2	745	12852	10089	79%	16.4	784
	50°F	10035	7777	78%	13.9	722	10709	8332	78%	14.3	747	12047	9445	78%	15.2	792	13673	10733	79%	16.4	833
	59°F	10676	8273	78%	13.9	768	11393	8864	78%	14.3	794	12815	10047	78%	15.2	843	14546	11418	79%	16.4	886
	68°F	11357	8801	78%	13.9	818	12120	9430	78%	14.3	845	13634	10688	78%	15.2	896	15474	12147	79%	16.4	943
	77°F	11111	8612	78%	12.8	869	11858	9226	78%	13.2	899	13339	10458	78%	14.0	954	15140	11885	79%	15.1	1003
	86°F	10866	8421	78%	11.8	925	11597	9022	78%	12.1	957	13045	10227	78%	12.9	1015	14806	11622	79%	13.9	1067
	95°F	10621	8231	78%	10.8	984	11335	8819	78%	11.1	1018	12750	9996	78%	11.8	1079	14471	11360	79%	12.8	1135
	104°F	10376	8041	78%	8.4	1237	11073	8615	78%	8.7	1279	12455	9765	78%	9.2	1357	14137	11098	79%	9.9	1427
	113°F	10130	7851	78%	6.8	1490	10811	8411	78%	7.0	1541	12161	9534	78%	7.4	1634	13803	10835	79%	8.0	1718
	118°F	9983	7737	78%	6.4	1560	10655	8289	78%	6.6	1613	11984	9396	78%	7.0	1710	13602	10678	79%	7.9	1718
60%	-22°F	5639	4371	78%	13.9	407	6019	4683	78%	14.3	420	6770	5308	78%	15.2	446	7684	6032	79%	16.4	469
	-4°F	6000	4649	78%	13.9	433	6403	4982	78%	14.3	447	7203	5647	78%	15.2	475	8175	6417	79%	16.4	499
	5°F	6382	4947	78%	13.9	461	6811	5299	78%	14.3	476	7662	6007	78%	15.2	505	8696	6827	79%	16.4	531
	14°F	6790	5262	78%	13.9	490	7246	5637	78%	14.3	506	8151	6391	78%	15.2	537	9251	7262	79%	16.4	565
	23°F	7223	5598	77%	13.9	521	7709	5998	78%	14.3	539	8672	6798	78%	15.2	572	9842	7726	79%	16.4	601
	32°F	7684	5955	78%	13.9	554	8201	6380	78%	14.3	573	9225	7233	78%	15.2	608	10470	8219	79%	16.4	640
	41°F	8175	6336	78%	13.9	589	8724	6788	78%	14.3	610	9814	7694	78%	15.2	647	11138	8744	79%	16.4	680
	50°F	8697	6740	78%	13.9	627	9281	7221	78%	14.3	649	10440	8185	78%	15.2	688	11850	9302	79%	16.4	723
	59°F	9252	7170	78%	13.9	667	9874	7682	78%	14.3	690	11107	8707	78%	15.2	732	12606	9896	79%	16.4	770
	68°F	9842	7628	78%	13.9	710	10504	8172	78%	14.3	734	11816	9263	78%	15.2	778	13411	10527	79%	16.4	819
	77°F	9630	7463	78%	12.8	755	10277	7996	78%	13.2	781	11560	9064	78%	14.0	828	13121	10300	79%	15.1	871
	86°F	9417	7298	78%	11.7	803	10050	7819	78%	12.1	831	11305	8863	78%	12.8	881	12832	10072	79%	13.9	927
	95°F	9205	7134	78%	10.8	855	9823	7643	78%	11.1	884	11050	8663	78%	11.8	937	12542	9846	79%	12.7	986
	104°F	8992	6969	78%	8.4	1074	9597	7466	78%	8.6	1111	10795	8463	78%	9.2	1178	12252	9618	79%	9.9	1239
	113°F	8780	6804	78%	6.8	1294	9370	7290	78%	7.0	1338	10540	8263	78%	7.4	1419	11963	9391	79%	8.0	1492
	118°F	8652	6705	78%	6.4	1354	9234	7184	78%	6.6	1401	10386	8143	78%	7.0	1485	11788	9254	79%	7.9	1492

EXTENDED RATINGS	TM18HX4O

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	4772	3698	78%	13.8	345	5093	3962	78%	14.3	357	5729	4491	78%	15.1	379	6502	5104	79%	16.3	398
	-4°F	5077	3934	78%	13.8	367	5418	4215	78%	14.3	380	6095	4778	78%	15.1	403	6917	5430	79%	16.3	423
	5°F	5400	4186	78%	13.8	391	5763	4484	78%	14.3	404	6483	5083	78%	15.1	428	7358	5777	79%	16.3	451
	14°F	5745	4453	78%	13.8	416	6131	4770	78%	14.3	430	6897	5408	78%	15.1	456	7828	6145	79%	16.3	479
	23°F	6112	4737	77%	13.8	442	6523	5075	78%	14.3	457	7338	5752	78%	15.1	485	8328	6537	79%	16.3	510
	32°F	6502	5039	78%	13.8	470	6939	5399	78%	14.3	486	7806	6120	78%	15.1	516	8859	6955	79%	16.3	543
	41°F	6917	5361	78%	13.8	500	7382	5744	78%	14.3	517	8304	6510	78%	15.1	549	9425	7399	79%	16.3	577
	50°F	7359	5703	78%	13.8	532	7853	6110	78%	14.3	550	8834	6926	78%	15.1	584	10027	7871	79%	16.3	614
	59°F	7829	6067	78%	13.8	566	8355	6500	78%	14.3	585	9398	7368	78%	15.1	621	10667	8373	79%	16.3	653
	68°F	8328	6454	78%	13.8	603	8888	6915	78%	14.3	623	9998	7838	78%	15.1	660	11348	8908	79%	16.3	695
	77°F	8148	6315	78%	12.7	641	8696	6766	78%	13.1	662	9782	7669	78%	13.9	703	11102	8715	79%	15.0	739
	86°F	7968	6175	78%	11.7	682	8504	6616	78%	12.1	705	9566	7500	78%	12.8	748	10858	8523	79%	13.8	786
	95°F	7789	6036	78%	10.7	725	8312	6467	78%	11.1	750	9350	7330	78%	11.8	795	10612	8331	79%	12.7	837
	104°F	7609	5897	78%	8.4	912	8120	6317	78%	8.6	942	9134	7161	78%	9.1	1000	10367	8138	79%	9.9	1052
	113°F	7429	5757	78%	6.8	1098	7928	6168	78%	7.0	1135	8918	6992	78%	7.4	1204	10122	7946	79%	8.0	1266
	118°F	7321	5674	78%	6.4	1149	7813	6079	78%	6.6	1188	8788	6890	78%	7.0	1260	9975	7830	79%	7.9	1266

EXTENDED RATINGS — TM18HX4O

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%	-22°F	-22.5°F	10200	1.5	1980	10067	1.5	2024	9812	1.4	2069
	-5°F	-6°F	12240	1.9	1866	12081	1.9	1907	11775	1.8	1950
	0°F	-1°F	12920	2.1	1828	12752	2.0	1868	12429	1.9	1910
	5°F	3°F	13600	2.2	1790	13423	2.2	1829	13083	2.1	1871
	7°F	5°F	13757	2.3	1769	13578	2.2	1807	13234	2.1	1848
	17°F	15°F	14700	2.6	1640	14509	2.5	1676	14141	2.4	1714
	28°F	26°F	15938	3.0	1543	15730	2.9	1576	15332	2.8	1612
	38°F	35°F	16969	3.4	1461	16748	3.3	1493	16324	3.1	1527
	47°F	43°F	18000	3.8	1380	17766	3.7	1410	17316	3.5	1442
	57°F	52°F	18540	4.1	1319	18299	4.0	1348	17835	3.8	1378
	68°F	63°F	19260	4.4	1297	19010	4.2	1326	18528	4.0	1356
	77°F	71°F	19800	4.6	1268	19543	4.4	1296	19048	4.2	1325
120%	-22°F	-22.5°F	10200	1.5	1980	10067	1.5	2024	9812	1.4	2069
	-5°F	-6°F	12240	1.9	1866	12081	1.9	1907	11775	1.8	1950
	0°F	-1°F	12920	2.1	1828	12752	2.0	1868	12429	1.9	1910
	5°F	3°F	13600	2.2	1790	13423	2.2	1829	13083	2.1	1871
	7°F	5°F	13757	2.3	1769	13578	2.2	1807	13234	2.1	1848
	17°F	15°F	14700	2.6	1640	14509	2.5	1676	14141	2.4	1714
	28°F	26°F	15938	3.0	1543	15730	2.9	1576	15332	2.8	1612
	38°F	35°F	16969	3.4	1461	16748	3.3	1493	16324	3.1	1527
	47°F	43°F	18000	3.8	1380	17766	3.7	1410	17316	3.5	1442
	57°F	52°F	18540	4.1	1319	18299	4.0	1348	17835	3.8	1378
	68°F	63°F	19260	4.4	1297	19010	4.2	1326	18528	4.0	1356
	77°F	71°F	19800	4.6	1268	19543	4.4	1296	19048	4.2	1325

EXTENDED RATINGS — TM18HX4O

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%	-22°F	-22.5°F	10200	1.5	1980	10067	1.5	2024	9812	1.4	2069
	-5°F	-6°F	12240	1.9	1866	12081	1.9	1907	11775	1.8	1950
	0°F	-1°F	12920	2.1	1828	12752	2.0	1868	12429	1.9	1910
	5°F	3°F	13600	2.2	1790	13423	2.2	1829	13083	2.1	1871
	7°F	5°F	13757	2.3	1769	13578	2.2	1807	13234	2.1	1848
	17°F	15°F	14700	2.6	1640	14509	2.5	1676	14141	2.4	1714
	28°F	26°F	15938	3.0	1543	15730	2.9	1576	15332	2.8	1612
	38°F	35°F	16969	3.4	1461	16748	3.3	1493	16324	3.1	1527
	47°F	43°F	18000	3.8	1380	17766	3.7	1410	17316	3.5	1442
	57°F	52°F	18540	4.1	1319	18299	4.0	1348	17835	3.8	1378
	68°F	63°F	19260	4.4	1297	19010	4.2	1326	18528	4.0	1356
	77°F	71°F	19800	4.6	1268	19543	4.4	1296	19048	4.2	1325
100%	-22°F	-22.5°F	10200	1.5	1980	10067	1.5	2024	9812	1.4	2069
	-5°F	-6°F	12240	1.9	1866	12081	1.9	1907	11775	1.8	1950
	0°F	-1°F	12920	2.1	1828	12752	2.0	1868	12429	1.9	1910
	5°F	3°F	13600	2.2	1790	13423	2.2	1829	13083	2.1	1871
	7°F	5°F	13757	2.3	1769	13578	2.2	1807	13234	2.1	1848
	17°F	15°F	14700	2.6	1640	14509	2.5	1676	14141	2.4	1714
	28°F	26°F	15938	3.0	1543	15730	2.9	1576	15332	2.8	1612
	38°F	35°F	16969	3.4	1461	16748	3.3	1493	16324	3.1	1527
	47°F	43°F	18000	3.8	1380	17766	3.7	1410	17316	3.5	1442
	57°F	52°F	18540	4.1	1319	18299	4.0	1348	17835	3.8	1378
	68°F	63°F	19260	4.4	1297	19010	4.2	1326	18528	4.0	1356
	77°F	71°F	19800	4.6	1268	19543	4.4	1296	19048	4.2	1325

EXTENDED RATINGS — TM18HX4O

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%	-22°F	-22.5°F	9690	1.5	1901	9564	1.4	1943	9322	1.4	1986
	-5°F	-6°F	11628	1.9	1791	11477	1.8	1831	11186	1.8	1872
	0°F	-1°F	12274	2.1	1755	12114	2.0	1793	11808	1.9	1834
	5°F	3°F	12920	2.2	1718	12752	2.1	1756	12429	2.0	1796
	7°F	5°F	13069	2.3	1698	12899	2.2	1735	12573	2.1	1774
	17°F	15°F	13965	2.6	1574	13783	2.5	1609	13434	2.4	1645
	28°F	26°F	15141	3.0	1481	14944	2.9	1513	14565	2.8	1547
	38°F	35°F	16120	3.4	1403	15911	3.3	1434	15508	3.1	1466
	47°F	43°F	17100	3.8	1325	16878	3.7	1354	16450	3.5	1384
	57°F	52°F	17613	4.1	1266	17384	3.9	1294	16944	3.8	1323
	68°F	63°F	18297	4.3	1246	18059	4.2	1273	17602	4.0	1302
	77°F	71°F	18810	4.5	1218	18565	4.4	1244	18095	4.2	1272
80%	-22°F	-22.5°F	8670	1.5	1703	8557	1.4	1740	8341	1.4	1779
	-5°F	-6°F	10404	1.9	1605	10269	1.8	1640	10009	1.8	1677
	0°F	-1°F	10982	2.1	1572	10839	2.0	1607	10565	1.9	1643
	5°F	3°F	11560	2.2	1539	11410	2.1	1573	11121	2.0	1609
	7°F	5°F	11694	2.3	1521	11542	2.2	1554	11249	2.1	1589
	17°F	15°F	12495	2.6	1410	12333	2.5	1441	12020	2.4	1474
	28°F	26°F	13547	3.0	1327	13371	2.9	1356	13032	2.8	1386
	38°F	35°F	14423	3.4	1257	14236	3.3	1284	13875	3.1	1313
	47°F	43°F	15300	3.8	1187	15101	3.7	1213	14719	3.5	1240
	57°F	52°F	15759	4.1	1134	15554	3.9	1159	15160	3.8	1185
	68°F	63°F	16371	4.3	1116	16158	4.2	1140	15749	4.0	1166
	77°F	71°F	16830	4.5	1091	16611	4.4	1115	16190	4.2	1140

EXTENDED RATINGS — TM18HX4O

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%	-22°F	-22.5°F	7650	1.5	1505	7551	1.4	1538	7359	1.4	1573
	-5°F	-6°F	9180	1.9	1418	9061	1.8	1449	8831	1.8	1482
	0°F	-1°F	9690	2.0	1389	9564	2.0	1420	9322	1.9	1452
	5°F	3°F	10200	2.2	1360	10067	2.1	1390	9812	2.0	1422
	7°F	5°F	10318	2.3	1344	10184	2.2	1374	9926	2.1	1405
	17°F	15°F	11025	2.6	1246	10882	2.5	1274	10606	2.4	1302
	28°F	26°F	11953	3.0	1172	11798	2.9	1198	11499	2.8	1225
	38°F	35°F	12727	3.4	1111	12561	3.2	1135	12243	3.1	1161
	47°F	43°F	13500	3.8	1049	13325	3.6	1072	12987	3.5	1096
	57°F	52°F	13905	4.1	1002	13724	3.9	1024	13377	3.7	1047
	68°F	63°F	14445	4.3	986	14257	4.2	1008	13896	4.0	1030
	77°F	71°F	14850	4.5	964	14657	4.4	985	14286	4.2	1007
60%	-22°F	-22.5°F	6630	1.5	1307	6544	1.4	1336	6378	1.4	1366
	-5°F	-6°F	7956	1.9	1232	7853	1.8	1259	7654	1.7	1287
	0°F	-1°F	8398	2.0	1206	8289	2.0	1233	8079	1.9	1261
	5°F	3°F	8840	2.2	1181	8725	2.1	1207	8504	2.0	1235
	7°F	5°F	8942	2.3	1167	8826	2.2	1193	8602	2.1	1220
	17°F	15°F	9555	2.6	1082	9431	2.5	1106	9192	2.4	1131
	28°F	26°F	10359	3.0	1018	10225	2.9	1040	9966	2.8	1064
	38°F	35°F	11030	3.4	964	10886	3.2	986	10611	3.1	1008
	47°F	43°F	11700	3.8	911	11548	3.6	931	11255	3.5	952
	57°F	52°F	12051	4.1	870	11894	3.9	890	11593	3.7	910
	68°F	63°F	12519	4.3	856	12356	4.1	875	12043	3.9	895
	77°F	71°F	12870	4.5	837	12703	4.4	856	12381	4.2	875

EXTENDED RATINGS TM18HX4O

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%	-22°F	-22.5°F	5610	1.5	1109	5537	1.4	1133	5397	1.4	1159
	-5°F	-6°F	6732	1.9	1045	6644	1.8	1068	6476	1.7	1092
	0°F	-1°F	7106	2.0	1024	7014	2.0	1046	6836	1.9	1070
	5°F	3°F	7480	2.2	1002	7383	2.1	1024	7196	2.0	1048
	7°F	5°F	7566	2.2	990	7468	2.2	1012	7279	2.1	1035
	17°F	15°F	8085	2.6	918	7980	2.5	939	7778	2.4	960
	28°F	26°F	8766	3.0	864	8652	2.9	883	8433	2.7	903
	38°F	35°F	9333	3.3	818	9211	3.2	836	8978	3.1	855
	47°F	43°F	9900	3.8	773	9771	3.6	790	9524	3.5	808
	57°F	52°F	10197	4.1	739	10064	3.9	755	9810	3.7	772
	68°F	63°F	10593	4.3	727	10455	4.1	743	10190	3.9	759
	77°F	71°F	10890	4.5	710	10748	4.3	726	10476	4.1	742

EXTENDED RATINGS	TM24HX4O

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	11145	8637	78%	13.8	807	11894	9254	78%	14.2	835	13379	10489	78%	15.1	885	15186	11921	79%	16.3	931
	-4°F	11856	9189	78%	13.8	859	12654	9844	78%	14.2	888	14233	11159	78%	15.1	942	16155	12682	78%	16.3	991
	5°F	12613	9775	78%	13.8	914	13461	10473	78%	14.2	945	15142	11871	78%	15.1	1002	17186	13491	78%	16.3	1054
	14°F	13418	10399	78%	13.8	972	14320	11141	78%	14.2	1005	16108	12629	78%	15.1	1066	18283	14352	78%	16.3	1121
	23°F	14275	11063	77%	13.8	1034	15234	11852	78%	14.2	1069	17137	13435	78%	15.1	1134	19450	15268	79%	16.3	1193
	32°F	15186	11769	78%	13.8	1100	16207	12609	78%	14.2	1137	18230	14293	78%	15.1	1206	20692	16243	79%	16.3	1269
	41°F	16155	12520	78%	13.8	1170	17241	13414	78%	14.2	1210	19394	15205	78%	15.1	1283	22012	17280	79%	16.3	1350
	50°F	17187	13320	78%	13.8	1245	18342	14270	78%	14.2	1287	20632	16176	78%	15.1	1365	23417	18383	79%	16.3	1436
	59°F	18284	14170	78%	13.8	1324	19513	15181	78%	14.2	1369	21949	17208	78%	15.1	1452	24912	19556	79%	16.3	1528
	68°F	19451	15074	78%	13.8	1409	20758	16150	78%	14.2	1457	23350	18306	78%	15.1	1545	26502	20804	79%	16.3	1625
	77°F	19409	15042	78%	12.9	1499	20714	16115	78%	13.4	1550	23300	18267	78%	14.2	1643	26446	20760	79%	15.3	1729
	86°F	19367	15010	78%	12.1	1595	20669	16081	78%	12.5	1649	23250	18228	78%	13.3	1748	26389	20715	79%	14.3	1839
	95°F	19326	14977	78%	11.4	1696	20625	16046	78%	11.8	1754	23200	18189	78%	12.5	1860	26332	20671	79%	13.5	1957
	104°F	19284	14945	78%	9.2	2093	20580	16012	78%	9.5	2164	23150	18150	78%	10.1	2295	26275	20626	79%	10.9	2414
	113°F	19242	14913	78%	7.7	2489	20536	15977	78%	8.0	2573	23100	18110	78%	8.5	2729	26219	20582	79%	9.1	2871
	118°F	19217	14893	78%	7.0	2754	20509	15956	78%	7.2	2848	23070	18087	78%	7.6	3020	26184	20555	79%	8.2	3177
120%	-22°F	11145	8637	78%	13.8	807	11894	9254	78%	14.2	835	13379	10489	78%	15.1	885	15186	11921	79%	16.3	931
	-4°F	11856	9189	78%	13.8	859	12654	9844	78%	14.2	888	14233	11159	78%	15.1	942	16155	12682	78%	16.3	991
	5°F	12613	9775	78%	13.8	914	13461	10473	78%	14.2	945	15142	11871	78%	15.1	1002	17186	13491	78%	16.3	1054
	14°F	13418	10399	78%	13.8	972	14320	11141	78%	14.2	1005	16108	12629	78%	15.1	1066	18283	14352	78%	16.3	1121
	23°F	14275	11063	77%	13.8	1034	15234	11852	78%	14.2	1069	17137	13435	78%	15.1	1134	19450	15268	79%	16.3	1193
	32°F	15186	11769	78%	13.8	1100	16207	12609	78%	14.2	1137	18230	14293	78%	15.1	1206	20692	16243	79%	16.3	1269
	41°F	16155	12520	78%	13.8	1170	17241	13414	78%	14.2	1210	19394	15205	78%	15.1	1283	22012	17280	79%	16.3	1350
	50°F	17187	13320	78%	13.8	1245	18342	14270	78%	14.2	1287	20632	16176	78%	15.1	1365	23417	18383	79%	16.3	1436
	59°F	18284	14170	78%	13.8	1324	19513	15181	78%	14.2	1369	21949	17208	78%	15.1	1452	24912	19556	79%	16.3	1528
	68°F	19451	15074	78%	13.8	1409	20758	16150	78%	14.2	1457	23350	18306	78%	15.1	1545	26502	20804	79%	16.3	1625
	77°F	19409	15042	78%	12.9	1499	20714	16115	78%	13.4	1550	23300	18267	78%	14.2	1643	26446	20760	79%	15.3	1729
	86°F	19367	15010	78%	12.1	1595	20669	16081	78%	12.5	1649	23250	18228	78%	13.3	1748	26389	20715	79%	14.3	1839
	95°F	19326	14977	78%	11.4	1696	20625	16046	78%	11.8	1754	23200	18189	78%	12.5	1860	26332	20671	79%	13.5	1957
	104°F	19284	14945	78%	9.2	2093	20580	16012	78%	9.5	2164	23150	18150	78%	10.1	2295	26275	20626	79%	10.9	2414
	113°F	19242	14913	78%	7.7	2489	20536	15977	78%	8.0	2573	23100	18110	78%	8.5	2729	26219	20582	79%	9.1	2871
	118°F	19217	14893	78%	7.0	2754	20509	15956	78%	7.2	2848	23070	18087	78%	7.6	3020	26184	20555	79%	8.2	3177

EXTENDED RATINGS	TM24HX4O

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	11145	8637	78%	13.8	807	11894	9254	78%	14.2	835	13379	10489	78%	15.1	885	15186	11921	79%	16.3	931
	-4°F	11856	9189	78%	13.8	859	12654	9844	78%	14.2	888	14233	11159	78%	15.1	942	16155	12682	78%	16.3	991
	5°F	12613	9775	78%	13.8	914	13461	10473	78%	14.2	945	15142	11871	78%	15.1	1002	17186	13491	78%	16.3	1054
	14°F	13418	10399	78%	13.8	972	14320	11141	78%	14.2	1005	16108	12629	78%	15.1	1066	18283	14352	78%	16.3	1121
	23°F	14275	11063	77%	13.8	1034	15234	11852	78%	14.2	1069	17137	13435	78%	15.1	1134	19450	15268	79%	16.3	1193
	32°F	15186	11769	78%	13.8	1100	16207	12609	78%	14.2	1137	18230	14293	78%	15.1	1206	20692	16243	79%	16.3	1269
	41°F	16155	12520	78%	13.8	1170	17241	13414	78%	14.2	1210	19394	15205	78%	15.1	1283	22012	17280	79%	16.3	1350
	50°F	17187	13320	78%	13.8	1245	18342	14270	78%	14.2	1287	20632	16176	78%	15.1	1365	23417	18383	79%	16.3	1436
	59°F	18284	14170	78%	13.8	1324	19513	15181	78%	14.2	1369	21949	17208	78%	15.1	1452	24912	19556	79%	16.3	1528
	68°F	19451	15074	78%	13.8	1409	20758	16150	78%	14.2	1457	23350	18306	78%	15.1	1545	26502	20804	79%	16.3	1625
	77°F	19409	15042	78%	12.9	1499	20714	16115	78%	13.4	1550	23300	18267	78%	14.2	1643	26446	20760	79%	15.3	1729
	86°F	19367	15010	78%	12.1	1595	20669	16081	78%	12.5	1649	23250	18228	78%	13.3	1748	26389	20715	79%	14.3	1839
	95°F	19326	14977	78%	11.4	1696	20625	16046	78%	11.8	1754	23200	18189	78%	12.5	1860	26332	20671	79%	13.5	1957
	104°F	19284	14945	78%	9.2	2093	20580	16012	78%	9.5	2164	23150	18150	78%	10.1	2295	26275	20626	79%	10.9	2414
	113°F	19242	14913	78%	7.7	2489	20536	15977	78%	8.0	2573	23100	18110	78%	8.5	2729	26219	20582	79%	9.1	2871
	118°F	19217	14893	78%	7.0	2754	20509	15956	78%	7.2	2848	23070	18087	78%	7.6	3020	26184	20555	79%	8.2	3177
100%	-22°F	11145	8637	78%	13.8	807	11894	9254	78%	14.2	835	13379	10489	78%	15.1	885	15186	11921	79%	16.3	931
	-4°F	11856	9189	78%	13.8	859	12654	9844	78%	14.2	888	14233	11159	78%	15.1	942	16155	12682	78%	16.3	991
	5°F	12613	9775	78%	13.8	914	13461	10473	78%	14.2	945	15142	11871	78%	15.1	1002	17186	13491	78%	16.3	1054
	14°F	13418	10399	78%	13.8	972	14320	11141	78%	14.2	1005	16108	12629	78%	15.1	1066	18283	14352	78%	16.3	1121
	23°F	14275	11063	77%	13.8	1034	15234	11852	78%	14.2	1069	17137	13435	78%	15.1	1134	19450	15268	79%	16.3	1193
	32°F	15186	11769	78%	13.8	1100	16207	12609	78%	14.2	1137	18230	14293	78%	15.1	1206	20692	16243	79%	16.3	1269
	41°F	16155	12520	78%	13.8	1170	17241	13414	78%	14.2	1210	19394	15205	78%	15.1	1283	22012	17280	79%	16.3	1350
	50°F	17187	13320	78%	13.8	1245	18342	14270	78%	14.2	1287	20632	16176	78%	15.1	1365	23417	18383	79%	16.3	1436
	59°F	18284	14170	78%	13.8	1324	19513	15181	78%	14.2	1369	21949	17208	78%	15.1	1452	24912	19556	79%	16.3	1528
	68°F	19451	15074	78%	13.8	1409	20758	16150	78%	14.2	1457	23350	18306	78%	15.1	1545	26502	20804	79%	16.3	1625
	77°F	19409	15042	78%	12.9	1499	20714	16115	78%	13.4	1550	23300	18267	78%	14.2	1643	26446	20760	79%	15.3	1729
	86°F	19367	15010	78%	12.1	1595	20669	16081	78%	12.5	1649	23250	18228	78%	13.3	1748	26389	20715	79%	14.3	1839
	95°F	19326	14977	78%	11.4	1696	20625	16046	78%	11.8	1754	23200	18189	78%	12.5	1860	26332	20671	79%	13.5	1957
	104°F	19284	14945	78%	9.2	2093	20580	16012	78%	9.5	2164	23150	18150	78%	10.1	2295	26275	20626	79%	10.9	2414
	113°F	19242	14913	78%	7.7	2489	20536	15977	78%	8.0	2573	23100	18110	78%	8.5	2729	26219	20582	79%	9.1	2871
	118°F	19217	14893	78%	7.0	2754	20509	15956	78%	7.2	2848	23070	18087	78%	7.6	3020	26184	20555	79%	8.2	3177

EXTENDED RATINGS	TM24HX4O

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	10476	8119	78%	13.7	767	11181	8699	78%	14.1	793	12577	9860	78%	15.0	841	14275	11205	79%	16.1	885
	-4°F	11145	8637	78%	13.7	816	11894	9254	78%	14.1	844	13379	10489	78%	15.0	895	15186	11921	78%	16.1	941
	5°F	11856	9189	78%	13.7	868	12654	9844	78%	14.1	897	14233	11159	78%	15.0	952	16155	12682	78%	16.1	1001
	14°F	12613	9775	78%	13.7	923	13461	10473	78%	14.1	955	15142	11871	78%	15.0	1012	17186	13491	78%	16.1	1065
	23°F	13418	10399	77%	13.7	982	14320	11141	78%	14.1	1016	16108	12629	78%	15.0	1077	18283	14352	79%	16.1	1133
	32°F	14275	11063	78%	13.7	1045	15234	11852	78%	14.1	1081	17137	13435	78%	15.0	1146	19450	15268	79%	16.1	1205
	41°F	15186	11769	78%	13.7	1112	16207	12609	78%	14.1	1150	18230	14293	78%	15.0	1219	20692	16243	79%	16.1	1282
	50°F	16155	12520	78%	13.7	1183	17241	13414	78%	14.1	1223	19394	15205	78%	15.0	1297	22012	17280	79%	16.1	1364
	59°F	17187	13320	78%	13.7	1258	18342	14270	78%	14.1	1301	20632	16176	78%	15.0	1380	23417	18383	79%	16.1	1451
	68°F	18284	14170	78%	13.7	1338	19513	15181	78%	14.1	1384	21949	17208	78%	15.0	1468	24912	19556	79%	16.1	1544
	77°F	18244	14139	78%	12.8	1424	19471	15148	78%	13.2	1472	21902	17171	78%	14.0	1561	24859	19514	79%	15.1	1643
	86°F	18205	14109	78%	12.0	1515	19429	15116	78%	12.4	1566	21855	17134	78%	13.2	1661	24805	19472	79%	14.2	1747
	95°F	18166	14079	78%	11.3	1612	19387	15083	78%	11.6	1666	21808	17097	78%	12.3	1767	24752	19430	79%	13.3	1859
	104°F	18127	14048	78%	9.1	1988	19346	15051	78%	9.4	2056	21761	17061	78%	10.0	2180	24699	19389	79%	10.8	2293
	113°F	18088	14018	78%	7.7	2364	19304	15018	78%	7.9	2445	21714	17024	78%	8.4	2593	24645	19347	79%	9.0	2727
	118°F	18064	14000	78%	6.9	2617	19279	14999	78%	7.1	2705	21686	17002	78%	7.6	2869	24613	19322	79%	8.2	3018
80%	-22°F	9139	7083	78%	13.3	686	9753	7588	78%	13.7	710	10971	8601	78%	14.6	752	12452	9775	79%	15.7	792
	-4°F	9722	7535	78%	13.3	730	10376	8072	78%	13.7	755	11671	9150	78%	14.6	800	13247	10399	78%	15.7	842
	5°F	10343	8016	78%	13.3	777	11038	8588	78%	13.7	803	12416	9734	78%	14.6	852	14093	11063	78%	15.7	896
	14°F	11003	8527	78%	13.3	826	11743	9136	78%	13.7	854	13209	10356	78%	14.6	906	14992	11769	78%	15.7	953
	23°F	11705	9072	77%	13.3	879	12492	9719	78%	13.7	909	14052	11017	78%	14.6	964	15949	12520	79%	15.7	1014
	32°F	12453	9651	77%	13.3	935	13290	10339	78%	13.7	967	14949	11720	78%	14.6	1025	16967	13319	79%	15.7	1079
	41°F	13247	10267	78%	13.3	995	14138	10999	78%	13.7	1029	15903	12468	78%	14.6	1091	18050	14169	79%	15.7	1147
	50°F	14093	10922	78%	13.3	1058	15040	11701	78%	13.7	1094	16918	13264	78%	14.6	1160	19202	15074	79%	15.7	1221
	59°F	14992	11619	78%	13.3	1126	16000	12448	78%	13.7	1164	17998	14111	78%	14.6	1234	20428	16036	79%	15.7	1299
	68°F	15949	12361	78%	13.3	1198	17022	13243	78%	13.7	1238	19147	15011	78%	14.6	1313	21732	17059	79%	15.7	1381
	77°F	15915	12334	78%	12.5	1274	16985	13215	78%	12.9	1317	19106	14979	78%	13.7	1397	21685	17023	79%	14.8	1470
	86°F	15881	12308	78%	11.7	1355	16949	13186	78%	12.1	1401	19065	14947	78%	12.8	1486	21639	16986	79%	13.8	1563
	95°F	15847	12281	78%	11.0	1442	16912	13158	78%	11.3	1491	19024	14915	78%	12.0	1581	21592	16950	79%	13.0	1663
	104°F	15813	12255	78%	8.9	1779	16876	13129	78%	9.2	1839	18983	14883	78%	9.7	1950	21546	16913	79%	10.5	2052
	113°F	15779	12228	78%	7.5	2116	16839	13101	78%	7.7	2187	18942	14851	78%	8.2	2320	21499	16877	79%	8.8	2440
	118°F	15758	12213	78%	6.7	2341	16818	13084	78%	6.9	2421	18917	14831	78%	7.4	2567	21471	16855	79%	8.0	2700

EXTENDED RATINGS	TM24HX4O

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	8024	6219	78%	13.3	605	8564	6663	78%	13.7	626	9633	7552	78%	14.5	664	10934	8583	79%	15.7	698
	-4°F	8537	6616	78%	13.3	644	9111	7088	78%	13.7	666	10248	8034	78%	14.5	706	11632	9131	78%	15.7	743
	5°F	9082	7038	78%	13.3	685	9692	7540	78%	13.7	709	10902	8547	78%	14.5	751	12374	9714	78%	15.7	790
	14°F	9661	7487	78%	13.3	729	10311	8022	78%	13.7	754	11598	9093	78%	14.5	799	13164	10334	78%	15.7	841
	23°F	10278	7965	77%	13.3	776	10969	8534	78%	13.7	802	12338	9673	78%	14.5	850	14004	10993	79%	15.7	895
	32°F	10934	8474	78%	13.3	825	11669	9078	78%	13.7	853	13126	10291	78%	14.5	905	14898	11695	79%	15.7	952
	41°F	11632	9015	78%	13.3	878	12414	9658	78%	13.7	908	13964	10948	78%	14.5	962	15849	12441	79%	15.7	1012
	50°F	12374	9590	78%	13.3	934	13206	10274	78%	13.7	965	14855	11646	78%	14.5	1024	16861	13236	79%	15.7	1077
	59°F	13164	10202	78%	13.3	993	14049	10930	78%	13.7	1027	15803	12390	78%	14.5	1089	17937	14080	79%	15.7	1146
	68°F	14004	10853	78%	13.3	1057	14946	11628	78%	13.7	1093	16812	13181	78%	14.5	1159	19082	14979	79%	15.7	1219
	77°F	13974	10830	78%	12.4	1124	14914	11603	78%	12.8	1162	16776	13152	78%	13.6	1233	19041	14947	79%	14.7	1297
	86°F	13944	10807	78%	11.7	1196	14882	11578	78%	12.0	1237	16740	13124	78%	12.8	1311	19000	14915	79%	13.8	1379
	95°F	13914	10784	78%	10.9	1272	14850	11553	78%	11.3	1315	16704	13096	78%	12.0	1395	18959	14883	79%	12.9	1468
	104°F	13884	10760	78%	8.8	1569	14818	11528	78%	9.1	1623	16668	13068	78%	9.7	1721	18918	14851	79%	10.4	1810
	113°F	13854	10737	78%	7.4	1867	14786	11503	78%	7.7	1930	16632	13039	78%	8.1	2047	18877	14819	79%	8.8	2153
	118°F	13836	10723	78%	6.7	2066	14767	11488	78%	6.9	2136	16610	13023	78%	7.3	2265	18853	14799	79%	7.9	2383
60%	-22°F	6910	5355	78%	13.2	525	7374	5737	78%	13.6	543	8295	6503	78%	14.4	575	9415	7391	79%	15.6	605
	-4°F	7351	5697	78%	13.2	558	7845	6104	78%	13.6	577	8825	6919	78%	14.4	612	10016	7863	78%	15.6	644
	5°F	7820	6061	78%	13.2	594	8346	6493	78%	13.6	614	9388	7360	78%	14.4	651	10655	8364	78%	15.6	685
	14°F	8319	6448	78%	13.2	632	8879	6908	78%	13.6	653	9987	7830	78%	14.4	693	11336	8898	78%	15.6	729
	23°F	8850	6859	77%	13.2	672	9445	7349	78%	13.6	695	10625	8330	78%	14.4	737	12059	9466	79%	15.6	775
	32°F	9415	7297	78%	13.2	715	10048	7818	78%	13.6	739	11303	8861	78%	14.4	784	12829	10071	79%	15.6	825
	41°F	10016	7763	78%	13.2	761	10690	8317	78%	13.6	787	12024	9427	78%	14.4	834	13648	10713	79%	15.6	877
	50°F	10656	8258	78%	13.2	809	11372	8847	78%	13.6	837	12792	10029	78%	14.4	887	14519	11397	79%	15.6	933
	59°F	11336	8785	78%	13.2	861	12098	9412	78%	13.6	890	13608	10669	78%	14.4	944	15446	12125	79%	15.6	993
	68°F	12059	9346	78%	13.2	916	12870	10013	78%	13.6	947	14477	11350	78%	14.4	1004	16431	12899	79%	15.6	1056
	77°F	12034	9326	78%	12.4	974	12842	9991	78%	12.7	1007	14446	11326	78%	13.5	1068	16396	12871	79%	14.6	1124
	86°F	12008	9306	78%	11.6	1036	12815	9970	78%	12.0	1072	14415	11301	78%	12.7	1136	16361	12843	79%	13.7	1196
	95°F	11982	9286	78%	10.9	1103	12787	9949	78%	11.2	1140	14384	11277	78%	11.9	1209	16326	12816	79%	12.8	1272
	104°F	11956	9266	78%	8.8	1360	12760	9927	78%	9.1	1406	14353	11253	78%	9.6	1491	16291	12788	79%	10.4	1569
	113°F	11930	9246	78%	7.4	1618	12732	9906	78%	7.6	1673	14322	11228	78%	8.1	1774	16255	12761	79%	8.7	1866
	118°F	11915	9234	78%	6.7	1790	12716	9893	78%	6.9	1851	14303	11214	78%	7.3	1963	16234	12744	79%	7.9	2065

EXTENDED RATINGS	TM24HX4O

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	5795	4491	78%	13.1	444	6185	4812	78%	13.5	459	6957	5455	78%	14.3	487	7897	6199	79%	15.4	512
	-4°F	6165	4778	78%	13.1	472	6580	5119	78%	13.5	488	7401	5803	78%	14.3	518	8401	6594	78%	15.4	545
	5°F	6559	5083	78%	13.1	503	7000	5446	78%	13.5	520	7874	6173	78%	14.3	551	8937	7015	78%	15.4	580
	14°F	6978	5408	78%	13.1	535	7447	5793	78%	13.5	553	8376	6567	78%	14.3	586	9507	7463	78%	15.4	617
	23°F	7423	5753	77%	13.1	569	7922	6163	78%	13.5	588	8911	6986	78%	14.3	624	10114	7940	79%	15.4	656
	32°F	7897	6120	78%	13.1	605	8428	6557	78%	13.5	626	9480	7432	78%	14.3	663	10760	8446	79%	15.4	698
	41°F	8401	6511	78%	13.1	644	8966	6975	78%	13.5	666	10085	7907	78%	14.3	706	11446	8985	79%	15.4	742
	50°F	8937	6926	78%	13.1	685	9538	7420	78%	13.5	708	10729	8411	78%	14.3	751	12177	9559	79%	15.4	790
	59°F	9507	7368	78%	13.1	728	10147	7894	78%	13.5	753	11413	8948	78%	14.3	799	12954	10169	79%	15.4	840
	68°F	10114	7839	78%	13.1	775	10794	8398	78%	13.5	801	12142	9519	78%	14.3	850	13781	10818	79%	15.4	894
	77°F	10093	7822	78%	12.2	824	10771	8380	78%	12.6	852	12116	9499	78%	13.4	904	13752	10795	79%	14.5	951
	86°F	10071	7805	78%	11.5	877	10748	8362	78%	11.9	907	12090	9479	78%	12.6	962	13722	10772	79%	13.6	1012
	95°F	10049	7788	78%	10.8	933	10725	8344	78%	11.1	965	12064	9458	78%	11.8	1023	13693	10749	79%	12.7	1076
	104°F	10028	7771	78%	8.7	1151	10702	8326	78%	9.0	1190	12038	9438	78%	9.5	1262	13663	10726	79%	10.3	1328
	113°F	10006	7755	78%	7.3	1369	10679	8308	78%	7.5	1415	12012	9417	78%	8.0	1501	13634	10702	79%	8.6	1579
	118°F	9993	7745	78%	6.6	1515	10665	8297	78%	6.8	1566	11996	9405	78%	7.2	1661	13616	10688	79%	7.8	1747

EXTENDED RATINGS	TM24HX4O

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%	-22°F	-22.5°F	17220	1.6	3200	16996	1.5	3270	16566	1.5	3344
	-5°F	-6°F	19848	1.9	3086	19590	1.8	3154	19094	1.7	3225
	0°F	-1°F	20724	2.0	3048	20455	1.9	3115	19936	1.8	3185
	5°F	3°F	21600	2.1	3010	21319	2.0	3076	20779	1.9	3145
	7°F	5°F	21886	2.1	3003	21601	2.1	3069	21054	2.0	3138
	17°F	15°F	23600	2.3	2960	23293	2.3	3025	22703	2.2	3093
	28°F	26°F	23750	2.8	2525	23441	2.7	2581	22848	2.5	2639
	38°F	35°F	23875	3.2	2163	23565	3.1	2210	22968	3.0	2260
	47°F	43°F	24000	3.9	1800	23688	3.8	1840	23088	3.6	1881
	57°F	52°F	24720	4.2	1720	24399	4.1	1758	23781	3.9	1798
	68°F	63°F	25680	4.5	1692	25346	4.3	1730	24704	4.1	1768
	77°F	71°F	26400	4.7	1654	26057	4.5	1691	25397	4.3	1729
120%	-22°F	-22.5°F	17220	1.6	3200	16996	1.5	3270	16566	1.5	3344
	-5°F	-6°F	19848	1.9	3086	19590	1.8	3154	19094	1.7	3225
	0°F	-1°F	20724	2.0	3048	20455	1.9	3115	19936	1.8	3185
	5°F	3°F	21600	2.1	3010	21319	2.0	3076	20779	1.9	3145
	7°F	5°F	21886	2.1	3003	21601	2.1	3069	21054	2.0	3138
	17°F	15°F	23600	2.3	2960	23293	2.3	3025	22703	2.2	3093
	28°F	26°F	23750	2.8	2525	23441	2.7	2581	22848	2.5	2639
	38°F	35°F	23875	3.2	2163	23565	3.1	2210	22968	3.0	2260
	47°F	43°F	24000	3.9	1800	23688	3.8	1840	23088	3.6	1881
	57°F	52°F	24720	4.2	1720	24399	4.1	1758	23781	3.9	1798
	68°F	63°F	25680	4.5	1692	25346	4.3	1730	24704	4.1	1768
	77°F	71°F	26400	4.7	1654	26057	4.5	1691	25397	4.3	1729

EXTENDED RATINGS	TM24HX4O

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%	-22°F	-22.5°F	17220	1.6	3200	16996	1.5	3270	16566	1.5	3344
	-5°F	-6°F	19848	1.9	3086	19590	1.8	3154	19094	1.7	3225
	0°F	-1°F	20724	2.0	3048	20455	1.9	3115	19936	1.8	3185
	5°F	3°F	21600	2.1	3010	21319	2.0	3076	20779	1.9	3145
	7°F	5°F	21886	2.1	3003	21601	2.1	3069	21054	2.0	3138
	17°F	15°F	23600	2.3	2960	23293	2.3	3025	22703	2.2	3093
	28°F	26°F	23750	2.8	2525	23441	2.7	2581	22848	2.5	2639
	38°F	35°F	23875	3.2	2163	23565	3.1	2210	22968	3.0	2260
	47°F	43°F	24000	3.9	1800	23688	3.8	1840	23088	3.6	1881
	57°F	52°F	24720	4.2	1720	24399	4.1	1758	23781	3.9	1798
	68°F	63°F	25680	4.5	1692	25346	4.3	1730	24704	4.1	1768
	77°F	71°F	26400	4.7	1654	26057	4.5	1691	25397	4.3	1729
100%	-22°F	-22.5°F	17220	1.6	3200	16996	1.5	3270	16566	1.5	3344
	-5°F	-6°F	19848	1.9	3086	19590	1.8	3154	19094	1.7	3225
	0°F	-1°F	20724	2.0	3048	20455	1.9	3115	19936	1.8	3185
	5°F	3°F	21600	2.1	3010	21319	2.0	3076	20779	1.9	3145
	7°F	5°F	21886	2.1	3003	21601	2.1	3069	21054	2.0	3138
	17°F	15°F	23600	2.3	2960	23293	2.3	3025	22703	2.2	3093
	28°F	26°F	23750	2.8	2525	23441	2.7	2581	22848	2.5	2639
	38°F	35°F	23875	3.2	2163	23565	3.1	2210	22968	3.0	2260
	47°F	43°F	24000	3.9	1800	23688	3.8	1840	23088	3.6	1881
	57°F	52°F	24720	4.2	1720	24399	4.1	1758	23781	3.9	1798
	68°F	63°F	25680	4.5	1692	25346	4.3	1730	24704	4.1	1768
	77°F	71°F	26400	4.7	1654	26057	4.5	1691	25397	4.3	1729

EXTENDED RATINGS	TM24HX4O

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%	-22°F	-22.5°F	16359	1.6	3072	16146	1.5	3139	15738	1.4	3210
	-5°F	-6°F	18856	1.9	2963	18611	1.8	3028	18139	1.7	3096
	0°F	-1°F	19688	2.0	2926	19432	1.9	2990	18939	1.8	3058
	5°F	3°F	20520	2.1	2890	20253	2.0	2953	19740	1.9	3019
	7°F	5°F	20792	2.1	2883	20521	2.0	2946	20001	1.9	3012
	17°F	15°F	22420	2.3	2842	22128	2.2	2904	21568	2.1	2969
	28°F	26°F	22563	2.7	2424	22269	2.6	2478	21706	2.5	2533
	38°F	35°F	22681	3.2	2076	22387	3.1	2122	21820	2.9	2170
	47°F	43°F	22800	3.9	1728	22504	3.7	1766	21934	3.6	1806
	57°F	52°F	23484	4.2	1651	23179	4.0	1688	22592	3.8	1726
	68°F	63°F	24396	4.4	1624	24079	4.2	1661	23469	4.1	1697
	77°F	71°F	25080	4.6	1588	24754	4.5	1623	24127	4.3	1660
80%	-22°F	-22.5°F	14120	1.5	2720	13937	1.5	2780	13584	1.4	2842
	-5°F	-6°F	16275	1.8	2623	16064	1.8	2681	15657	1.7	2741
	0°F	-1°F	16994	1.9	2591	16773	1.9	2648	16348	1.8	2707
	5°F	3°F	17712	2.0	2559	17482	2.0	2615	17039	1.9	2673
	7°F	5°F	17947	2.1	2553	17713	2.0	2609	17264	1.9	2667
	17°F	15°F	19352	2.3	2516	19100	2.2	2571	18616	2.1	2629
	28°F	26°F	19475	2.7	2146	19222	2.6	2194	18735	2.4	2243
	38°F	35°F	19578	3.1	1839	19323	3.0	1879	18834	2.9	1921
	47°F	43°F	19680	3.8	1530	19424	3.6	1564	18932	3.5	1599
	57°F	52°F	20270	4.1	1462	20007	3.9	1494	19500	3.7	1528
	68°F	63°F	21058	4.3	1438	20784	4.1	1471	20257	4.0	1503
	77°F	71°F	21648	4.5	1406	21367	4.4	1437	20826	4.2	1470

EXTENDED RATINGS	TM24HX4O

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%	-22°F	-22.5°F	12398	1.5	2400	12237	1.5	2453	11928	1.4	2508
	-5°F	-6°F	14291	1.8	2315	14105	1.7	2366	13748	1.7	2419
	0°F	-1°F	14921	1.9	2286	14728	1.8	2336	14354	1.8	2389
	5°F	3°F	15552	2.0	2258	15350	2.0	2307	14961	1.9	2359
	7°F	5°F	15758	2.1	2252	15553	2.0	2302	15159	1.9	2354
	17°F	15°F	16992	2.2	2220	16771	2.2	2269	16346	2.1	2320
	28°F	26°F	17100	2.6	1894	16878	2.6	1936	16451	2.4	1979
	38°F	35°F	17190	3.1	1622	16967	3.0	1658	16537	2.9	1695
	47°F	43°F	17280	3.8	1350	17055	3.6	1380	16623	3.5	1411
	57°F	52°F	17798	4.0	1290	17567	3.9	1319	17122	3.7	1349
	68°F	63°F	18490	4.3	1269	18249	4.1	1298	17787	3.9	1326
	77°F	71°F	19008	4.5	1241	18761	4.3	1268	18286	4.1	1297
60%	-22°F	-22.5°F	10676	1.5	2080	10538	1.5	2126	10271	1.4	2174
	-5°F	-6°F	12306	1.8	2006	12146	1.7	2050	11838	1.7	2096
	0°F	-1°F	12849	1.9	1981	12682	1.8	2025	12360	1.7	2070
	5°F	3°F	13392	2.0	1957	13218	1.9	1999	12883	1.8	2044
	7°F	5°F	13569	2.0	1952	13393	2.0	1995	13053	1.9	2040
	17°F	15°F	14632	2.2	1924	14442	2.2	1966	14076	2.1	2010
	28°F	26°F	14725	2.6	1641	14533	2.5	1678	14166	2.4	1715
	38°F	35°F	14803	3.1	1406	14610	3.0	1437	14240	2.8	1469
	47°F	43°F	14880	3.7	1170	14687	3.6	1196	14315	3.4	1223
	57°F	52°F	15326	4.0	1118	15127	3.9	1143	14744	3.7	1169
	68°F	63°F	15922	4.2	1100	15715	4.1	1125	15316	3.9	1149
	77°F	71°F	16368	4.5	1075	16155	4.3	1099	15746	4.1	1124

EXTENDED RATINGS	TM24HX4O

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%	-22°F	-22.5°F	8954	1.5	1760	8838	1.4	1799	8614	1.4	1839
	-5°F	-6°F	10321	1.8	1697	10187	1.7	1735	9929	1.6	1774
	0°F	-1°F	10776	1.9	1676	10637	1.8	1713	10367	1.7	1752
	5°F	3°F	11232	2.0	1656	11086	1.9	1692	10805	1.8	1730
	7°F	5°F	11381	2.0	1652	11233	2.0	1688	10948	1.9	1726
	17°F	15°F	12272	2.2	1628	12112	2.1	1664	11806	2.0	1701
	28°F	26°F	12350	2.6	1389	12189	2.5	1420	11881	2.4	1451
	38°F	35°F	12415	3.1	1190	12254	3.0	1216	11943	2.8	1243
	47°F	43°F	12480	3.7	990	12318	3.6	1012	12006	3.4	1035
	57°F	52°F	12854	4.0	946	12687	3.8	967	12366	3.7	989
	68°F	63°F	13354	4.2	931	13180	4.1	952	12846	3.9	972
	77°F	71°F	13728	4.4	910	13550	4.3	930	13206	4.1	951

EXTENDED RATINGS	TM30HX4O

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	13842	10727	77%	14.0	985	14772	11493	78%	14.5	1019	16617	13028	78%	15.4	1080	18860	14805	79%	16.6	1137
	-4°F	14725	11412	78%	14.0	1048	15715	12227	78%	14.5	1084	17677	13859	78%	15.4	1149	20064	15750	79%	16.6	1209
	5°F	15665	12141	78%	14.0	1115	16718	13007	78%	14.5	1153	18806	14744	78%	15.4	1223	21345	16756	79%	16.6	1286
	14°F	16665	12916	78%	14.0	1186	17786	13837	78%	14.5	1227	20006	15685	78%	15.4	1301	22707	17825	79%	16.6	1368
	23°F	17729	13740	77%	14.0	1262	18921	14720	78%	14.5	1305	21283	16686	78%	15.4	1384	24156	18963	79%	16.6	1456
	32°F	18861	14617	78%	14.0	1343	20128	15660	78%	14.5	1388	22642	17751	78%	15.4	1472	25698	20173	79%	16.6	1549
	41°F	20064	15550	78%	14.0	1428	21413	16660	78%	14.5	1477	24087	18884	78%	15.4	1566	27339	21461	79%	16.6	1647
	50°F	21345	16542	78%	14.0	1519	22780	17723	78%	14.5	1571	25624	20090	78%	15.4	1666	29084	22831	79%	16.6	1753
	59°F	22708	17598	78%	14.0	1616	24234	18854	78%	14.5	1671	27260	21372	78%	15.4	1772	30940	24288	79%	16.6	1864
	68°F	24157	18722	78%	14.0	1720	25781	20058	78%	14.5	1778	29000	22736	78%	15.4	1885	32915	25838	79%	16.6	1983
	77°F	23990	18593	78%	13.1	1829	25603	19919	78%	13.5	1891	28800	22579	78%	14.4	2006	32688	25660	79%	15.5	2110
	86°F	23824	18463	78%	12.2	1946	25425	19781	78%	12.6	2012	28600	22422	78%	13.4	2134	32461	25482	79%	14.5	2245
	95°F	23657	18334	78%	11.4	2070	25248	19643	78%	11.8	2141	28400	22266	78%	12.5	2270	32234	25304	79%	13.5	2388
	104°F	23491	18205	78%	9.8	2403	25070	19504	78%	10.1	2485	28200	22109	78%	10.7	2635	32007	25125	79%	11.5	2772
	113°F	23324	18076	78%	8.5	2736	24892	19366	78%	8.8	2829	28000	21952	78%	9.3	3000	31780	24947	79%	10.1	3156
	118°F	23224	17999	78%	7.0	3329	24785	19283	78%	7.2	3442	27880	21858	78%	7.6	3650	31644	24840	79%	8.2	3840
120%	-22°F	13842	10727	77%	14.0	985	14772	11493	78%	14.5	1019	16617	13028	78%	15.4	1080	18860	14805	79%	16.6	1137
	-4°F	14725	11412	78%	14.0	1048	15715	12227	78%	14.5	1084	17677	13859	78%	15.4	1149	20064	15750	79%	16.6	1209
	5°F	15665	12141	78%	14.0	1115	16718	13007	78%	14.5	1153	18806	14744	78%	15.4	1223	21345	16756	79%	16.6	1286
	14°F	16665	12916	78%	14.0	1186	17786	13837	78%	14.5	1227	20006	15685	78%	15.4	1301	22707	17825	79%	16.6	1368
	23°F	17729	13740	77%	14.0	1262	18921	14720	78%	14.5	1305	21283	16686	78%	15.4	1384	24156	18963	79%	16.6	1456
	32°F	18861	14617	78%	14.0	1343	20128	15660	78%	14.5	1388	22642	17751	78%	15.4	1472	25698	20173	79%	16.6	1549
	41°F	20064	15550	78%	14.0	1428	21413	16660	78%	14.5	1477	24087	18884	78%	15.4	1566	27339	21461	79%	16.6	1647
	50°F	21345	16542	78%	14.0	1519	22780	17723	78%	14.5	1571	25624	20090	78%	15.4	1666	29084	22831	79%	16.6	1753
	59°F	22708	17598	78%	14.0	1616	24234	18854	78%	14.5	1671	27260	21372	78%	15.4	1772	30940	24288	79%	16.6	1864
	68°F	24157	18722	78%	14.0	1720	25781	20058	78%	14.5	1778	29000	22736	78%	15.4	1885	32915	25838	79%	16.6	1983
	77°F	23990	18593	78%	13.1	1829	25603	19919	78%	13.5	1891	28800	22579	78%	14.4	2006	32688	25660	79%	15.5	2110
	86°F	23824	18463	78%	12.2	1946	25425	19781	78%	12.6	2012	28600	22422	78%	13.4	2134	32461	25482	79%	14.5	2245
	95°F	23657	18334	78%	11.4	2070	25248	19643	78%	11.8	2141	28400	22266	78%	12.5	2270	32234	25304	79%	13.5	2388
	104°F	23491	18205	78%	9.8	2403	25070	19504	78%	10.1	2485	28200	22109	78%	10.7	2635	32007	25125	79%	11.5	2772
	113°F	23324	18076	78%	8.5	2736	24892	19366	78%	8.8	2829	28000	21952	78%	9.3	3000	31780	24947	79%	10.1	3156
	118°F	23224	17999	78%	7.0	3329	24785	19283	78%	7.2	3442	27880	21858	78%	7.6	3650	31644	24840	79%	8.2	3840

EXTENDED RATINGS	TM30HX4O

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	13842	10727	77%	14.0	985	14772	11493	78%	14.5	1019	16617	13028	78%	15.4	1080	18860	14805	79%	16.6	1137
	-4°F	14725	11412	78%	14.0	1048	15715	12227	78%	14.5	1084	17677	13859	78%	15.4	1149	20064	15750	79%	16.6	1209
	5°F	15665	12141	78%	14.0	1115	16718	13007	78%	14.5	1153	18806	14744	78%	15.4	1223	21345	16756	79%	16.6	1286
	14°F	16665	12916	78%	14.0	1186	17786	13837	78%	14.5	1227	20006	15685	78%	15.4	1301	22707	17825	79%	16.6	1368
	23°F	17729	13740	77%	14.0	1262	18921	14720	78%	14.5	1305	21283	16686	78%	15.4	1384	24156	18963	79%	16.6	1456
	32°F	18861	14617	78%	14.0	1343	20128	15660	78%	14.5	1388	22642	17751	78%	15.4	1472	25698	20173	79%	16.6	1549
	41°F	20064	15550	78%	14.0	1428	21413	16660	78%	14.5	1477	24087	18884	78%	15.4	1566	27339	21461	79%	16.6	1647
	50°F	21345	16542	78%	14.0	1519	22780	17723	78%	14.5	1571	25624	20090	78%	15.4	1666	29084	22831	79%	16.6	1753
	59°F	22708	17598	78%	14.0	1616	24234	18854	78%	14.5	1671	27260	21372	78%	15.4	1772	30940	24288	79%	16.6	1864
	68°F	24157	18722	78%	14.0	1720	25781	20058	78%	14.5	1778	29000	22736	78%	15.4	1885	32915	25838	79%	16.6	1983
	77°F	23990	18593	78%	13.1	1829	25603	19919	78%	13.5	1891	28800	22579	78%	14.4	2006	32688	25660	79%	15.5	2110
	86°F	23824	18463	78%	12.2	1946	25425	19781	78%	12.6	2012	28600	22422	78%	13.4	2134	32461	25482	79%	14.5	2245
	95°F	23657	18334	78%	11.4	2070	25248	19643	78%	11.8	2141	28400	22266	78%	12.5	2270	32234	25304	79%	13.5	2388
	104°F	23491	18205	78%	9.8	2403	25070	19504	78%	10.1	2485	28200	22109	78%	10.7	2635	32007	25125	79%	11.5	2772
	113°F	23324	18076	78%	8.5	2736	24892	19366	78%	8.8	2829	28000	21952	78%	9.3	3000	31780	24947	79%	10.1	3156
	118°F	23224	17999	78%	7.0	3329	24785	19283	78%	7.2	3442	27880	21858	78%	7.6	3650	31644	24840	79%	8.2	3840
100%	-22°F	13842	10727	77%	14.0	985	14772	11493	78%	14.5	1019	16617	13028	78%	15.4	1080	18860	14805	79%	16.6	1137
	-4°F	14725	11412	78%	14.0	1048	15715	12227	78%	14.5	1084	17677	13859	78%	15.4	1149	20064	15750	79%	16.6	1209
	5°F	15665	12141	78%	14.0	1115	16718	13007	78%	14.5	1153	18806	14744	78%	15.4	1223	21345	16756	79%	16.6	1286
	14°F	16665	12916	78%	14.0	1186	17786	13837	78%	14.5	1227	20006	15685	78%	15.4	1301	22707	17825	79%	16.6	1368
	23°F	17729	13740	77%	14.0	1262	18921	14720	78%	14.5	1305	21283	16686	78%	15.4	1384	24156	18963	79%	16.6	1456
	32°F	18861	14617	78%	14.0	1343	20128	15660	78%	14.5	1388	22642	17751	78%	15.4	1472	25698	20173	79%	16.6	1549
	41°F	20064	15550	78%	14.0	1428	21413	16660	78%	14.5	1477	24087	18884	78%	15.4	1566	27339	21461	79%	16.6	1647
	50°F	21345	16542	78%	14.0	1519	22780	17723	78%	14.5	1571	25624	20090	78%	15.4	1666	29084	22831	79%	16.6	1753
	59°F	22708	17598	78%	14.0	1616	24234	18854	78%	14.5	1671	27260	21372	78%	15.4	1772	30940	24288	79%	16.6	1864
	68°F	24157	18722	78%	14.0	1720	25781	20058	78%	14.5	1778	29000	22736	78%	15.4	1885	32915	25838	79%	16.6	1983
	77°F	23990	18593	78%	13.1	1829	25603	19919	78%	13.5	1891	28800	22579	78%	14.4	2006	32688	25660	79%	15.5	2110
	86°F	23824	18463	78%	12.2	1946	25425	19781	78%	12.6	2012	28600	22422	78%	13.4	2134	32461	25482	79%	14.5	2245
	95°F	23657	18334	78%	11.4	2070	25248	19643	78%	11.8	2141	28400	22266	78%	12.5	2270	32234	25304	79%	13.5	2388
	104°F	23491	18205	78%	9.8	2403	25070	19504	78%	10.1	2485	28200	22109	78%	10.7	2635	32007	25125	79%	11.5	2772
	113°F	23324	18076	78%	8.5	2736	24892	19366	78%	8.8	2829	28000	21952	78%	9.3	3000	31780	24947	79%	10.1	3156
	118°F	23224	17999	78%	7.0	3329	24785	19283	78%	7.2	3442	27880	21858	78%	7.6	3650	31644	24840	79%	8.2	3840

EXTENDED RATINGS	TM30HX4O

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	13011	10084	77%	13.9	936	13886	10803	78%	14.3	968	15620	12246	78%	15.2	1026	17729	13917	79%	16.4	1080
	-4°F	13842	10727	78%	13.9	996	14772	11493	78%	14.3	1030	16617	13028	78%	15.2	1092	18860	14805	79%	16.4	1149
	5°F	14725	11412	78%	13.9	1059	15715	12227	78%	14.3	1095	17677	13859	78%	15.2	1162	20064	15750	79%	16.4	1222
	14°F	15665	12141	78%	13.9	1127	16718	13007	78%	14.3	1165	18806	14744	78%	15.2	1236	21345	16756	79%	16.4	1300
	23°F	16665	12916	77%	13.9	1199	17786	13837	78%	14.3	1240	20006	15685	78%	15.2	1315	22707	17825	79%	16.4	1383
	32°F	17729	13740	78%	13.9	1275	18921	14720	78%	14.3	1319	21283	16686	78%	15.2	1398	24156	18963	79%	16.4	1471
	41°F	18861	14617	78%	13.9	1357	20128	15660	78%	14.3	1403	22642	17751	78%	15.2	1488	25698	20173	79%	16.4	1565
	50°F	20064	15550	78%	13.9	1443	21413	16660	78%	14.3	1492	24087	18884	78%	15.2	1583	27339	21461	79%	16.4	1665
	59°F	21345	16542	78%	13.9	1536	22780	17723	78%	14.3	1588	25624	20090	78%	15.2	1684	29084	22831	79%	16.4	1771
	68°F	22708	17598	78%	13.9	1634	24234	18854	78%	14.3	1689	27260	21372	78%	15.2	1791	30940	24288	79%	16.4	1884
	77°F	22551	17477	78%	13.0	1738	24067	18724	78%	13.4	1797	27072	21224	78%	14.2	1905	30727	24120	79%	15.3	2005
	86°F	22394	17356	78%	12.1	1849	23900	18594	78%	12.5	1912	26884	21077	78%	13.3	2027	30513	23953	79%	14.3	2133
	95°F	22238	17234	78%	11.3	1967	23733	18464	78%	11.7	2034	26696	20930	78%	12.4	2157	30300	23785	79%	13.4	2269
	104°F	22081	17113	78%	9.7	2283	23566	18334	78%	10.0	2361	26508	20782	78%	10.6	2503	30087	23618	79%	11.4	2633
	113°F	21925	16992	78%	8.4	2599	23398	18204	78%	8.7	2688	26320	20635	78%	9.2	2850	29873	23450	79%	10.0	2998
	118°F	21831	16919	78%	6.9	3162	23298	18126	78%	7.1	3270	26207	20546	78%	7.6	3468	29745	23350	79%	8.2	3648
80%	-22°F	11350	8796	77%	13.6	837	12113	9424	78%	14.0	866	13626	10683	78%	14.8	918	15465	12140	79%	16.0	966
	-4°F	12075	9358	77%	13.6	891	12887	10026	78%	14.0	921	14496	11365	78%	14.8	977	16452	12915	79%	16.0	1028
	5°F	12846	9955	78%	13.6	948	13709	10666	78%	14.0	980	15421	12090	78%	14.8	1039	17503	13740	79%	16.0	1093
	14°F	13665	10591	78%	13.6	1008	14584	11346	78%	14.0	1043	16405	12862	78%	14.8	1106	18620	14617	79%	16.0	1163
	23°F	14538	11267	77%	13.6	1073	15515	12071	78%	14.0	1109	17452	13683	78%	14.8	1176	19808	15550	79%	16.0	1237
	32°F	15466	11986	78%	13.6	1141	16505	12841	78%	14.0	1180	18566	14556	78%	14.8	1251	21073	16542	79%	16.0	1316
	41°F	16453	12751	78%	13.6	1214	17559	13661	78%	14.0	1255	19751	15485	78%	14.8	1331	22418	17598	79%	16.0	1400
	50°F	17503	13565	78%	13.6	1291	18680	14533	78%	14.0	1335	21012	16473	78%	14.8	1416	23849	18721	79%	16.0	1490
	59°F	18620	14431	78%	13.6	1374	19872	15460	78%	14.0	1421	22353	17525	78%	14.8	1506	25371	19916	79%	16.0	1585
	68°F	19809	15352	78%	13.6	1462	21140	16447	78%	14.0	1511	23780	18644	78%	14.8	1603	26990	21187	79%	16.0	1686
	77°F	19672	15246	78%	12.7	1555	20995	16334	78%	13.1	1608	23616	18515	78%	13.9	1705	26804	21041	79%	14.9	1794
	86°F	19536	15140	78%	11.8	1654	20849	16220	78%	12.2	1710	23452	18386	78%	12.9	1814	26618	20895	79%	14.0	1908
	95°F	19399	15034	78%	11.0	1760	20703	16107	78%	11.4	1820	23288	18258	78%	12.1	1930	26432	20749	79%	13.0	2030
	104°F	19262	14928	78%	9.4	2043	20557	15994	78%	9.7	2112	23124	18129	78%	10.3	2240	26246	20603	79%	11.1	2356
	113°F	19126	14822	78%	8.2	2326	20411	15880	78%	8.5	2405	22960	18001	78%	9.0	2550	26060	20457	79%	9.7	2683
	118°F	19044	14759	78%	6.7	2829	20324	15812	78%	6.9	2926	22862	17923	78%	7.4	3103	25948	20369	79%	8.0	3264

EXTENDED RATINGS	TM30HX4O

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	9966	7724	77%	13.5	739	10636	8275	78%	13.9	764	11964	9380	78%	14.8	810	13579	10660	79%	15.9	852
	-4°F	10602	8217	78%	13.5	786	11315	8803	78%	13.9	813	12728	9979	78%	14.8	862	14446	11340	79%	15.9	907
	5°F	11279	8741	78%	13.5	836	12037	9365	78%	13.9	865	13540	10616	78%	14.8	917	15368	12064	79%	15.9	965
	14°F	11999	9299	78%	13.5	890	12806	9963	78%	13.9	920	14404	11293	78%	14.8	976	16349	12834	79%	15.9	1026
	23°F	12765	9893	77%	13.5	946	13623	10599	78%	13.9	979	15324	12014	78%	14.8	1038	17393	13653	79%	15.9	1092
	32°F	13580	10524	78%	13.5	1007	14493	11275	78%	13.9	1041	16302	12781	78%	14.8	1104	18503	14525	79%	15.9	1161
	41°F	14446	11196	78%	13.5	1071	15418	11995	78%	13.9	1108	17343	13597	78%	14.8	1175	19684	15452	79%	15.9	1236
	50°F	15368	11911	78%	13.5	1140	16402	12760	78%	13.9	1178	18450	14464	78%	14.8	1249	20940	16438	79%	15.9	1314
	59°F	16349	12671	78%	13.5	1212	17449	13575	78%	13.9	1253	19627	15388	78%	14.8	1329	22277	17487	79%	15.9	1398
	68°F	17393	13480	78%	13.5	1290	18562	14441	78%	13.9	1333	20880	16370	78%	14.8	1414	23699	18604	79%	15.9	1488
	77°F	17273	13387	78%	12.6	1372	18434	14342	78%	13.0	1419	20736	16257	78%	13.8	1504	23535	18475	79%	14.9	1583
	86°F	17153	13294	78%	11.8	1460	18306	14242	78%	12.1	1509	20592	16144	78%	12.9	1600	23372	18347	79%	13.9	1684
	95°F	17033	13201	78%	11.0	1553	18178	14143	78%	11.3	1605	20448	16031	78%	12.0	1703	23208	18219	79%	13.0	1791
	104°F	16913	13108	78%	9.4	1802	18050	14043	78%	9.7	1864	20304	15918	78%	10.3	1976	23045	18090	79%	11.1	2079
	113°F	16793	13015	78%	8.2	2052	17922	13944	78%	8.4	2122	20160	15805	78%	9.0	2250	22882	17962	79%	9.7	2367
	118°F	16721	12959	78%	6.7	2497	17845	13884	78%	6.9	2581	20074	15738	78%	7.3	2738	22784	17885	79%	7.9	2880
60%	-22°F	8582	6651	77%	13.4	640	9159	7126	78%	13.8	662	10302	8077	78%	14.7	702	11693	9179	79%	15.8	739
	-4°F	9130	7076	78%	13.4	681	9743	7580	78%	13.8	704	10960	8593	78%	14.7	747	12440	9765	79%	15.8	786
	5°F	9712	7527	78%	13.4	725	10365	8064	78%	13.8	749	11660	9141	78%	14.7	795	13234	10388	79%	15.8	836
	14°F	10332	8008	77%	13.4	771	11027	8579	78%	13.8	797	12404	9725	78%	14.7	845	14078	11052	79%	15.8	889
	23°F	10992	8519	78%	13.4	820	11731	9127	78%	13.8	848	13196	10345	78%	14.7	899	14977	11757	79%	15.8	946
	32°F	11694	9062	78%	13.4	873	12480	9709	78%	13.8	902	14038	11006	78%	14.7	957	15933	12507	79%	15.8	1007
	41°F	12440	9641	78%	13.4	928	13276	10329	78%	13.8	960	14934	11708	78%	14.7	1018	16950	13306	79%	15.8	1071
	50°F	13234	10256	78%	13.4	988	14124	10988	78%	13.8	1021	15887	12456	78%	14.7	1083	18032	14155	79%	15.8	1139
	59°F	14079	10911	78%	13.4	1051	15025	11690	78%	13.8	1086	16901	13251	78%	14.7	1152	19183	15059	79%	15.8	1212
	68°F	14977	11607	78%	13.4	1118	15984	12436	78%	13.8	1156	17980	14096	78%	14.7	1226	20407	16020	79%	15.8	1289
	77°F	14874	11527	78%	12.5	1189	15874	12350	78%	12.9	1229	17856	13999	78%	13.7	1304	20267	15909	79%	14.8	1372
	86°F	14771	11447	78%	11.7	1265	15764	12264	78%	12.1	1308	17732	13902	78%	12.8	1387	20126	15799	79%	13.8	1459
	95°F	14667	11367	78%	10.9	1346	15654	12178	78%	11.3	1391	17608	13805	78%	11.9	1476	19985	15688	79%	12.9	1552
	104°F	14564	11287	78%	9.3	1562	15543	12093	78%	9.6	1615	17484	13707	78%	10.2	1713	19844	15578	79%	11.0	1802
	113°F	14461	11207	78%	8.1	1778	15433	12007	78%	8.4	1839	17360	13610	78%	8.9	1950	19704	15467	79%	9.6	2051
	118°F	14399	11159	78%	6.7	2164	15367	11955	78%	6.9	2237	17286	13552	78%	7.3	2373	19619	15401	79%	7.9	2496

EXTENDED RATINGS	TM30HX4O

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	7198	5578	77%	13.3	542	7682	5976	78%	13.7	560	8641	6774	78%	14.5	594	9807	7699	79%	15.7	625
	-4°F	7657	6277	82%	13.3	576	8172	6358	78%	13.7	596	9192	7207	78%	14.5	632	10433	8190	79%	15.7	665
	5°F	8146	6677	82%	13.3	613	8694	6764	78%	13.7	634	9779	7667	78%	14.5	672	11099	8713	79%	15.7	707
	14°F	8666	7104	82%	13.3	652	9248	7195	78%	13.7	675	10403	8156	78%	14.5	715	11808	9269	79%	15.7	753
	23°F	9219	7557	82%	13.3	694	9839	7655	78%	13.7	718	11067	8677	78%	14.5	761	12561	9861	79%	15.7	801
	32°F	9807	8039	82%	13.3	738	10467	8143	78%	13.7	763	11774	9231	78%	14.5	810	13363	10490	79%	15.7	852
	41°F	10433	8552	82%	13.3	786	11135	8663	78%	13.7	812	12525	9820	78%	14.5	861	14216	11160	79%	15.7	906
	50°F	11099	9098	82%	13.3	836	11846	9216	78%	13.7	864	13325	10447	78%	14.5	916	15124	11872	79%	15.7	964
	59°F	11808	9679	82%	13.3	889	12602	9804	78%	13.7	919	14175	11113	78%	14.5	975	16089	12630	79%	15.7	1025
	68°F	12562	10297	82%	13.3	946	13406	10430	78%	13.7	978	15080	11823	78%	14.5	1037	17116	13436	79%	15.7	1091
	77°F	12475	10226	82%	12.4	1006	13314	10358	78%	12.8	1040	14976	11741	78%	13.6	1103	16998	13343	79%	14.6	1161
	86°F	12388	10155	82%	11.6	1070	13221	10286	78%	11.9	1107	14872	11660	78%	12.7	1174	16880	13251	79%	13.7	1235
	95°F	12302	10084	82%	10.8	1139	13129	10214	78%	11.2	1177	14768	11578	78%	11.8	1249	16762	13158	79%	12.8	1313
	104°F	12215	10013	82%	9.2	1322	13036	10142	78%	9.5	1367	14664	11497	78%	10.1	1449	16644	13065	79%	10.9	1525
	113°F	12128	9942	82%	8.1	1505	12944	10070	78%	8.3	1556	14560	11415	78%	8.8	1650	16526	12973	79%	9.5	1736
	118°F	12077	9899	82%	6.6	1831	12888	10027	78%	6.8	1893	14498	11366	78%	7.2	2008	16455	12917	79%	7.8	2112

EXTENDED RATINGS — TM30HX4O

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%	-22°F	-22.5°F	20020	1.7	3420	19760	1.7	3495	19259	1.6	3574
	-5°F	-6°F	21688	1.8	3546	21406	1.7	3624	20864	1.7	3706
	0°F	-1°F	22244	1.8	3588	21955	1.8	3667	21399	1.7	3749
	5°F	3°F	22800	1.8	3630	22504	1.8	3710	21934	1.7	3793
	7°F	5°F	23429	1.9	3584	23124	1.9	3663	22538	1.8	3746
	17°F	15°F	27200	2.4	3310	26846	2.3	3383	26166	2.2	3459
	28°F	26°F	28250	2.8	2913	27883	2.8	2977	27177	2.6	3044
	38°F	35°F	29125	3.3	2581	28746	3.2	2638	28018	3.0	2697
	47°F	43°F	30000	3.9	2250	29610	3.8	2300	28860	3.6	2351
	57°F	52°F	30900	4.2	2150	30498	4.1	2197	29726	3.9	2247
	68°F	63°F	32100	4.5	2115	31683	4.3	2162	30880	4.1	2211
	77°F	71°F	33000	4.7	2068	32571	4.5	2113	31746	4.3	2161
120%	-22°F	-22.5°F	20020	1.7	3420	19760	1.7	3495	19259	1.6	3574
	-5°F	-6°F	21688	1.8	3546	21406	1.7	3624	20864	1.7	3706
	0°F	-1°F	22244	1.8	3588	21955	1.8	3667	21399	1.7	3749
	5°F	3°F	22800	1.8	3630	22504	1.8	3710	21934	1.7	3793
	7°F	5°F	23429	1.9	3584	23124	1.9	3663	22538	1.8	3746
	17°F	15°F	27200	2.4	3310	26846	2.3	3383	26166	2.2	3459
	28°F	26°F	28250	2.8	2913	27883	2.8	2977	27177	2.6	3044
	38°F	35°F	29125	3.3	2581	28746	3.2	2638	28018	3.0	2697
	47°F	43°F	30000	3.9	2250	29610	3.8	2300	28860	3.6	2351
	57°F	52°F	30900	4.2	2150	30498	4.1	2197	29726	3.9	2247
	68°F	63°F	32100	4.5	2115	31683	4.3	2162	30880	4.1	2211
	77°F	71°F	33000	4.7	2068	32571	4.5	2113	31746	4.3	2161

EXTENDED RATINGS — TM30HX4O

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%	-22°F	-22.5°F	20020	1.7	3420	19760	1.7	3495	19259	1.6	3574
	-5°F	-6°F	21688	1.8	3546	21406	1.7	3624	20864	1.7	3706
	0°F	-1°F	22244	1.8	3588	21955	1.8	3667	21399	1.7	3749
	5°F	3°F	22800	1.8	3630	22504	1.8	3710	21934	1.7	3793
	7°F	5°F	23429	1.9	3584	23124	1.9	3663	22538	1.8	3746
	17°F	15°F	27200	2.4	3310	26846	2.3	3383	26166	2.2	3459
	28°F	26°F	28250	2.8	2913	27883	2.8	2977	27177	2.6	3044
	38°F	35°F	29125	3.3	2581	28746	3.2	2638	28018	3.0	2697
	47°F	43°F	30000	3.9	2250	29610	3.8	2300	28860	3.6	2351
	57°F	52°F	30900	4.2	2150	30498	4.1	2197	29726	3.9	2247
	68°F	63°F	32100	4.5	2115	31683	4.3	2162	30880	4.1	2211
	77°F	71°F	33000	4.7	2068	32571	4.5	2113	31746	4.3	2161
100%	-22°F	-22.5°F	20020	1.7	3420	19760	1.7	3495	19259	1.6	3574
	-5°F	-6°F	21688	1.8	3546	21406	1.7	3624	20864	1.7	3706
	0°F	-1°F	22244	1.8	3588	21955	1.8	3667	21399	1.7	3749
	5°F	3°F	22800	1.8	3630	22504	1.8	3710	21934	1.7	3793
	7°F	5°F	23429	1.9	3584	23124	1.9	3663	22538	1.8	3746
	17°F	15°F	27200	2.4	3310	26846	2.3	3383	26166	2.2	3459
	28°F	26°F	28250	2.8	2913	27883	2.8	2977	27177	2.6	3044
	38°F	35°F	29125	3.3	2581	28746	3.2	2638	28018	3.0	2697
	47°F	43°F	30000	3.9	2250	29610	3.8	2300	28860	3.6	2351
	57°F	52°F	30900	4.2	2150	30498	4.1	2197	29726	3.9	2247
	68°F	63°F	32100	4.5	2115	31683	4.3	2162	30880	4.1	2211
	77°F	71°F	33000	4.7	2068	32571	4.5	2113	31746	4.3	2161

EXTENDED RATINGS — TM30HX4O

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%	-22°F	-22.5°F	19019	1.7	3283	18772	1.6	3355	18296	1.6	3431
	-5°F	-6°F	20604	1.8	3404	20336	1.7	3479	19821	1.6	3557
	0°F	-1°F	21132	1.8	3444	20857	1.7	3520	20329	1.7	3599
	5°F	3°F	21660	1.8	3485	21378	1.8	3561	20837	1.7	3642
	7°F	5°F	22257	1.9	3441	21968	1.8	3517	21411	1.8	3596
	17°F	15°F	25840	2.4	3178	25504	2.3	3248	24858	2.2	3321
	28°F	26°F	26838	2.8	2796	26489	2.7	2858	25818	2.6	2922
	38°F	35°F	27669	3.3	2478	27309	3.2	2533	26617	3.0	2590
	47°F	43°F	28500	3.9	2160	28130	3.7	2208	27417	3.6	2257
	57°F	52°F	29355	4.2	2064	28973	4.0	2110	28240	3.8	2157
	68°F	63°F	30495	4.4	2031	30099	4.3	2075	29336	4.1	2122
	77°F	71°F	31350	4.6	1985	30942	4.5	2029	30159	4.3	2075
80%	-22°F	-22.5°F	16416	1.7	2907	16203	1.6	2971	15793	1.5	3038
	-5°F	-6°F	17784	1.7	3014	17553	1.7	3080	17108	1.6	3150
	0°F	-1°F	18240	1.8	3050	18003	1.7	3117	17547	1.6	3187
	5°F	3°F	18696	1.8	3086	18453	1.7	3153	17986	1.6	3224
	7°F	5°F	19211	1.9	3047	18962	1.8	3114	18481	1.7	3184
	17°F	15°F	22304	2.3	2814	22014	2.2	2875	21456	2.1	2940
	28°F	26°F	23165	2.7	2476	22864	2.7	2530	22285	2.5	2587
	38°F	35°F	23883	3.2	2194	23572	3.1	2242	22975	2.9	2293
	47°F	43°F	24600	3.8	1913	24280	3.6	1955	23665	3.5	1999
	57°F	52°F	25338	4.1	1828	25009	3.9	1868	24375	3.7	1910
	68°F	63°F	26322	4.3	1798	25980	4.1	1838	25322	4.0	1879
	77°F	71°F	27060	4.5	1758	26708	4.4	1796	26032	4.2	1837

EXTENDED RATINGS — TM30HX4O

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%	-22°F	-22.5°F	14414	1.7	2565	14227	1.6	2621	13867	1.5	2680
	-5°F	-6°F	15615	1.7	2660	15412	1.7	2718	15022	1.6	2779
	0°F	-1°F	16016	1.7	2691	15807	1.7	2750	15407	1.6	2812
	5°F	3°F	16416	1.8	2723	16203	1.7	2782	15792	1.6	2845
	7°F	5°F	16869	1.8	2688	16649	1.8	2747	16228	1.7	2809
	17°F	15°F	19584	2.3	2483	19329	2.2	2537	18840	2.1	2594
	28°F	26°F	20340	2.7	2184	20076	2.6	2232	19567	2.5	2283
	38°F	35°F	20970	3.2	1936	20697	3.1	1979	20173	2.9	2023
	47°F	43°F	21600	3.8	1688	21319	3.6	1725	20779	3.5	1763
	57°F	52°F	22248	4.0	1613	21959	3.9	1648	21403	3.7	1685
	68°F	63°F	23112	4.3	1587	22812	4.1	1621	22234	3.9	1658
	77°F	71°F	23760	4.5	1551	23451	4.3	1585	22857	4.1	1621
60%	-22°F	-22.5°F	12412	1.6	2223	12251	1.6	2272	11941	1.5	2323
	-5°F	-6°F	13447	1.7	2305	13272	1.7	2356	12936	1.6	2409
	0°F	-1°F	13791	1.7	2332	13612	1.7	2384	13267	1.6	2437
	5°F	3°F	14136	1.8	2360	13952	1.7	2411	13599	1.6	2466
	7°F	5°F	14526	1.8	2330	14337	1.8	2381	13974	1.7	2435
	17°F	15°F	16864	2.3	2152	16645	2.2	2199	16223	2.1	2248
	28°F	26°F	17515	2.7	1893	17287	2.6	1935	16849	2.5	1978
	38°F	35°F	18058	3.2	1678	17823	3.1	1715	17371	2.9	1753
	47°F	43°F	18600	3.7	1463	18358	3.6	1495	17893	3.4	1528
	57°F	52°F	19158	4.0	1398	18909	3.9	1428	18430	3.7	1460
	68°F	63°F	19902	4.2	1375	19643	4.1	1405	19146	3.9	1437
	77°F	71°F	20460	4.5	1344	20194	4.3	1374	19683	4.1	1405

EXTENDED RATINGS — TM30HX4O

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%	-22°F	-22.5°F	10410	1.6	1881	10275	1.6	1922	10015	1.5	1966
	-5°F	-6°F	11278	1.7	1950	11131	1.6	1993	10849	1.6	2038
	0°F	-1°F	11567	1.7	1973	11417	1.7	2017	11127	1.6	2062
	5°F	3°F	11856	1.7	1997	11702	1.7	2040	11405	1.6	2086
	7°F	5°F	12183	1.8	1971	12024	1.8	2015	11720	1.7	2060
	17°F	15°F	14144	2.3	1821	13960	2.2	1861	13607	2.1	1902
	28°F	26°F	14690	2.7	1602	14499	2.6	1637	14132	2.5	1674
	38°F	35°F	15145	3.1	1420	14948	3.0	1451	14569	2.9	1484
	47°F	43°F	15600	3.7	1238	15397	3.6	1265	15007	3.4	1293
	57°F	52°F	16068	4.0	1183	15859	3.9	1209	15457	3.7	1236
	68°F	63°F	16692	4.2	1163	16475	4.1	1189	16058	3.9	1216
	77°F	71°F	17160	4.4	1137	16937	4.3	1162	16508	4.1	1189

EXTENDED RATINGS	TM36HX4O

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	TM36HX4O

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	TM36HX4O

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	TM36HX4O

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	TM36HX4O

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	TM36HX4O

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%	-22°F	-22.5°F	24020	1.6	4460	23708	1.5	4558	23107	1.5	4661
	-5°F	-6°F	29048	1.9	4604	28670	1.8	4705	27944	1.7	4811
	0°F	-1°F	30724	1.9	4652	30325	1.9	4754	29556	1.8	4861
	5°F	3°F	32400	2.0	4700	31979	2.0	4803	31169	1.9	4912
	7°F	5°F	32171	2.0	4660	31753	2.0	4763	30949	1.9	4870
	17°F	15°F	30800	2.0	4420	30400	2.0	4517	29630	1.9	4619
	28°F	26°F	32750	2.5	3850	32324	2.4	3935	31506	2.3	4023
	38°F	35°F	34375	3.0	3375	33928	2.9	3449	33069	2.8	3527
	47°F	43°F	36000	3.6	2900	35532	3.5	2964	34632	3.4	3031
	57°F	52°F	37080	3.9	2771	36598	3.8	2832	35671	3.6	2896
	68°F	63°F	38520	4.1	2727	38019	4.0	2787	37056	3.8	2849
	77°F	71°F	39600	4.4	2665	39085	4.2	2724	38095	4.0	2785
120%	-22°F	-22.5°F	24020	1.6	4460	23708	1.5	4558	23107	1.5	4661
	-5°F	-6°F	29048	1.9	4604	28670	1.8	4705	27944	1.7	4811
	0°F	-1°F	30724	1.9	4652	30325	1.9	4754	29556	1.8	4861
	5°F	3°F	32400	2.0	4700	31979	2.0	4803	31169	1.9	4912
	7°F	5°F	32171	2.0	4660	31753	2.0	4763	30949	1.9	4870
	17°F	15°F	30800	2.0	4420	30400	2.0	4517	29630	1.9	4619
	28°F	26°F	32750	2.5	3850	32324	2.4	3935	31506	2.3	4023
	38°F	35°F	34375	3.0	3375	33928	2.9	3449	33069	2.8	3527
	47°F	43°F	36000	3.6	2900	35532	3.5	2964	34632	3.4	3031
	57°F	52°F	37080	3.9	2771	36598	3.8	2832	35671	3.6	2896
	68°F	63°F	38520	4.1	2727	38019	4.0	2787	37056	3.8	2849
	77°F	71°F	39600	4.4	2665	39085	4.2	2724	38095	4.0	2785

EXTENDED RATINGS	TM36HX4O

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%	-22°F	-22.5°F	24020	1.6	4460	23708	1.5	4558	23107	1.5	4661
	-5°F	-6°F	29048	1.9	4604	28670	1.8	4705	27944	1.7	4811
	0°F	-1°F	30724	1.9	4652	30325	1.9	4754	29556	1.8	4861
	5°F	3°F	32400	2.0	4700	31979	2.0	4803	31169	1.9	4912
	7°F	5°F	32171	2.0	4660	31753	2.0	4763	30949	1.9	4870
	17°F	15°F	30800	2.0	4420	30400	2.0	4517	29630	1.9	4619
	28°F	26°F	32750	2.5	3850	32324	2.4	3935	31506	2.3	4023
	38°F	35°F	34375	3.0	3375	33928	2.9	3449	33069	2.8	3527
	47°F	43°F	36000	3.6	2900	35532	3.5	2964	34632	3.4	3031
	57°F	52°F	37080	3.9	2771	36598	3.8	2832	35671	3.6	2896
	68°F	63°F	38520	4.1	2727	38019	4.0	2787	37056	3.8	2849
	77°F	71°F	39600	4.4	2665	39085	4.2	2724	38095	4.0	2785
100%	-22°F	-22.5°F	24020	1.6	4460	23708	1.5	4558	23107	1.5	4661
	-5°F	-6°F	29048	1.9	4604	28670	1.8	4705	27944	1.7	4811
	0°F	-1°F	30724	1.9	4652	30325	1.9	4754	29556	1.8	4861
	5°F	3°F	32400	2.0	4700	31979	2.0	4803	31169	1.9	4912
	7°F	5°F	32171	2.0	4660	31753	2.0	4763	30949	1.9	4870
	17°F	15°F	30800	2.0	4420	30400	2.0	4517	29630	1.9	4619
	28°F	26°F	32750	2.5	3850	32324	2.4	3935	31506	2.3	4023
	38°F	35°F	34375	3.0	3375	33928	2.9	3449	33069	2.8	3527
	47°F	43°F	36000	3.6	2900	35532	3.5	2964	34632	3.4	3031
	57°F	52°F	37080	3.9	2771	36598	3.8	2832	35671	3.6	2896
	68°F	63°F	38520	4.1	2727	38019	4.0	2787	37056	3.8	2849
	77°F	71°F	39600	4.4	2665	39085	4.2	2724	38095	4.0	2785

EXTENDED RATINGS	TM36HX4O

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%	-22°F	-22.5°F	22819	1.6	4282	22523	1.5	4376	21952	1.4	4475
	-5°F	-6°F	27596	1.8	4420	27237	1.8	4517	26547	1.7	4619
	0°F	-1°F	29188	1.9	4466	28809	1.9	4564	28078	1.8	4667
	5°F	3°F	30780	2.0	4512	30380	1.9	4611	29611	1.8	4716
	7°F	5°F	30562	2.0	4474	30165	1.9	4572	29402	1.8	4675
	17°F	15°F	29260	2.0	4243	28880	2.0	4336	28149	1.9	4434
	28°F	26°F	31113	2.5	3696	30708	2.4	3778	29931	2.3	3862
	38°F	35°F	32656	3.0	3240	32232	2.9	3311	31416	2.7	3386
	47°F	43°F	34200	3.6	2784	33755	3.5	2845	32900	3.3	2910
	57°F	52°F	35226	3.9	2660	34768	3.7	2719	33887	3.6	2780
	68°F	63°F	36594	4.1	2618	36118	4.0	2676	35203	3.8	2735
	77°F	71°F	37620	4.3	2558	37131	4.2	2615	36190	4.0	2674
80%	-22°F	-22.5°F	19937	1.5	3791	19678	1.5	3874	19179	1.4	3962
	-5°F	-6°F	24110	1.8	3913	23796	1.7	3999	23194	1.7	4089
	0°F	-1°F	25501	1.9	3954	25170	1.8	4041	24531	1.7	4132
	5°F	3°F	26892	2.0	3995	26543	1.9	4083	25870	1.8	4175
	7°F	5°F	26702	2.0	3961	26355	1.9	4049	25688	1.8	4140
	17°F	15°F	25564	2.0	3757	25232	1.9	3839	24593	1.8	3926
	28°F	26°F	27183	2.4	3273	26829	2.4	3345	26150	2.2	3420
	38°F	35°F	28531	2.9	2869	28160	2.8	2932	27447	2.7	2998
	47°F	43°F	29880	3.6	2465	29492	3.4	2519	28745	3.3	2576
	57°F	52°F	30776	3.8	2355	30376	3.7	2407	29607	3.5	2462
	68°F	63°F	31972	4.0	2318	31556	3.9	2369	30756	3.7	2422
	77°F	71°F	32868	4.3	2265	32441	4.1	2315	31619	3.9	2367

EXTENDED RATINGS	TM36HX4O

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%	-22°F	-22.5°F	17294	1.5	3345	17070	1.5	3419	16637	1.4	3496
	-5°F	-6°F	20915	1.8	3453	20642	1.7	3529	20120	1.6	3608
	0°F	-1°F	22121	1.9	3489	21834	1.8	3566	21280	1.7	3646
	5°F	3°F	23328	1.9	3525	23025	1.9	3602	22442	1.8	3684
	7°F	5°F	23163	1.9	3495	22862	1.9	3572	22283	1.8	3653
	17°F	15°F	22176	2.0	3315	21888	1.9	3388	21334	1.8	3464
	28°F	26°F	23580	2.4	2888	23273	2.3	2951	22684	2.2	3017
	38°F	35°F	24750	2.9	2531	24428	2.8	2587	23810	2.6	2645
	47°F	43°F	25920	3.5	2175	25583	3.4	2223	24935	3.2	2273
	57°F	52°F	26698	3.8	2078	26351	3.6	2124	25683	3.5	2172
	68°F	63°F	27734	4.0	2045	27374	3.8	2090	26680	3.7	2137
	77°F	71°F	28512	4.2	1999	28141	4.0	2043	27428	3.8	2089
60%	-22°F	-22.5°F	14892	1.5	2899	14699	1.5	2963	14326	1.4	3030
	-5°F	-6°F	18010	1.8	2993	17775	1.7	3058	17325	1.6	3127
	0°F	-1°F	19049	1.8	3024	18802	1.8	3090	18325	1.7	3160
	5°F	3°F	20088	1.9	3055	19827	1.9	3122	19325	1.8	3193
	7°F	5°F	19946	1.9	3029	19687	1.9	3096	19188	1.8	3166
	17°F	15°F	19096	1.9	2873	18848	1.9	2936	18371	1.8	3002
	28°F	26°F	20305	2.4	2503	20041	2.3	2558	19534	2.2	2615
	38°F	35°F	21313	2.8	2194	21035	2.8	2242	20503	2.6	2293
	47°F	43°F	22320	3.5	1885	22030	3.4	1927	21472	3.2	1970
	57°F	52°F	22990	3.7	1801	22691	3.6	1841	22116	3.4	1882
	68°F	63°F	23882	3.9	1773	23572	3.8	1812	22975	3.6	1852
	77°F	71°F	24552	4.2	1732	24233	4.0	1771	23619	3.8	1810

EXTENDED RATINGS	TM36HX4O

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%	-22°F	-22.5°F	12490	1.5	2453	12328	1.4	2507	12016	1.4	2564
	-5°F	-6°F	15105	1.7	2532	14908	1.7	2588	14531	1.6	2646
	0°F	-1°F	15976	1.8	2559	15769	1.8	2615	15369	1.7	2674
	5°F	3°F	16848	1.9	2585	16629	1.8	2642	16208	1.8	2702
	7°F	5°F	16729	1.9	2563	16512	1.8	2620	16093	1.8	2679
	17°F	15°F	16016	1.9	2431	15808	1.9	2484	15408	1.8	2540
	28°F	26°F	17030	2.4	2118	16808	2.3	2164	16383	2.2	2213
	38°F	35°F	17875	2.8	1856	17643	2.7	1897	17196	2.6	1940
	47°F	43°F	18720	3.4	1595	18477	3.3	1630	18009	3.2	1667
	57°F	52°F	19282	3.7	1524	19031	3.6	1558	18549	3.4	1593
	68°F	63°F	20030	3.9	1500	19770	3.8	1533	19269	3.6	1567
	77°F	71°F	20592	4.1	1466	20324	4.0	1498	19809	3.8	1532

EXTENDED RATINGS	TM42HX4O

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	19394	15030	78%	14.9	1302	20698	16103	78%	15.4	1346	23282	18253	78%	16.3	1428	26425	20744	79%	17.6	1502
	-4°F	20632	15990	78%	14.9	1385	22019	17131	78%	15.4	1432	24768	19418	78%	16.3	1519	28112	22068	79%	17.6	1598
	5°F	21949	17010	78%	14.9	1474	23424	18224	78%	15.4	1524	26349	20658	78%	16.3	1616	29906	23476	79%	17.6	1700
	14°F	23350	18096	78%	14.9	1568	24919	19387	78%	15.4	1621	28031	21976	78%	16.3	1719	31815	24975	79%	17.6	1808
	23°F	24840	19251	78%	14.9	1668	26510	20625	78%	15.4	1724	29820	23379	78%	16.3	1829	33846	26569	79%	17.6	1924
	32°F	26426	20480	78%	14.9	1774	28202	21941	78%	15.4	1835	31723	24871	78%	16.3	1945	36006	28265	79%	17.6	2047
	41°F	28112	21787	78%	14.9	1887	30002	23342	78%	15.4	1952	33748	26459	78%	16.3	2070	38304	30069	79%	17.6	2177
	50°F	29907	23178	78%	14.9	2008	31917	24832	78%	15.4	2076	35902	28148	78%	16.3	2202	40749	31988	79%	17.6	2316
	59°F	31816	24657	78%	14.9	2136	33955	26417	78%	15.4	2209	38194	29944	78%	16.3	2342	43350	34030	79%	17.6	2464
	68°F	33846	26231	78%	14.9	2272	36122	28103	78%	15.4	2350	40632	31855	78%	16.3	2492	46117	36202	79%	17.6	2621
	77°F	32560	25234	78%	13.5	2418	34749	27035	78%	13.9	2500	39088	30645	78%	14.8	2651	44365	34826	79%	15.9	2789
	86°F	31274	24237	78%	12.2	2572	33377	25967	78%	12.6	2659	37544	29434	78%	13.3	2820	42612	33451	79%	14.4	2967
	95°F	29988	23241	78%	11.0	2736	32004	24899	78%	11.3	2829	36000	28224	78%	12.0	3000	40860	32075	79%	13.0	3156
	104°F	28702	22244	78%	9.2	3124	30631	23831	78%	9.5	3230	34456	27014	78%	10.1	3425	39108	30699	79%	10.9	3603
	113°F	27416	21247	78%	7.8	3511	29259	22763	78%	8.1	3631	32912	25803	78%	8.6	3850	37355	29324	79%	9.2	4050
	118°F	26644	20649	78%	6.8	3922	28435	22123	78%	7.0	4055	31986	25077	78%	7.4	4300	36304	28498	79%	8.0	4524
120%	-22°F	19394	15030	78%	14.9	1302	20698	16103	78%	15.4	1346	23282	18253	78%	16.3	1428	26425	20744	79%	17.6	1502
	-4°F	20632	15990	78%	14.9	1385	22019	17131	78%	15.4	1432	24768	19418	78%	16.3	1519	28112	22068	79%	17.6	1598
	5°F	21949	17010	78%	14.9	1474	23424	18224	78%	15.4	1524	26349	20658	78%	16.3	1616	29906	23476	79%	17.6	1700
	14°F	23350	18096	78%	14.9	1568	24919	19387	78%	15.4	1621	28031	21976	78%	16.3	1719	31815	24975	79%	17.6	1808
	23°F	24840	19251	78%	14.9	1668	26510	20625	78%	15.4	1724	29820	23379	78%	16.3	1829	33846	26569	79%	17.6	1924
	32°F	26426	20480	78%	14.9	1774	28202	21941	78%	15.4	1835	31723	24871	78%	16.3	1945	36006	28265	79%	17.6	2047
	41°F	28112	21787	78%	14.9	1887	30002	23342	78%	15.4	1952	33748	26459	78%	16.3	2070	38304	30069	79%	17.6	2177
	50°F	29907	23178	78%	14.9	2008	31917	24832	78%	15.4	2076	35902	28148	78%	16.3	2202	40749	31988	79%	17.6	2316
	59°F	31816	24657	78%	14.9	2136	33955	26417	78%	15.4	2209	38194	29944	78%	16.3	2342	43350	34030	79%	17.6	2464
	68°F	33846	26231	78%	14.9	2272	36122	28103	78%	15.4	2350	40632	31855	78%	16.3	2492	46117	36202	79%	17.6	2621
	77°F	32560	25234	78%	13.5	2418	34749	27035	78%	13.9	2500	39088	30645	78%	14.8	2651	44365	34826	79%	15.9	2789
	86°F	31274	24237	78%	12.2	2572	33377	25967	78%	12.6	2659	37544	29434	78%	13.3	2820	42612	33451	79%	14.4	2967
	95°F	29988	23241	78%	11.0	2736	32004	24899	78%	11.3	2829	36000	28224	78%	12.0	3000	40860	32075	79%	13.0	3156
	104°F	28702	22244	78%	9.2	3124	30631	23831	78%	9.5	3230	34456	27014	78%	10.1	3425	39108	30699	79%	10.9	3603
	113°F	27416	21247	78%	7.8	3511	29259	22763	78%	8.1	3631	32912	25803	78%	8.6	3850	37355	29324	79%	9.2	4050
	118°F	26644	20649	78%	6.8	3922	28435	22123	78%	7.0	4055	31986	25077	78%	7.4	4300	36304	28498	79%	8.0	4524

EXTENDED RATINGS	TM42HX4O

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	19394	15030	78%	14.9	1302	20698	16103	78%	15.4	1346	23282	18253	78%	16.3	1428	26425	20744	79%	17.6	1502
	-4°F	20632	15990	78%	14.9	1385	22019	17131	78%	15.4	1432	24768	19418	78%	16.3	1519	28112	22068	79%	17.6	1598
	5°F	21949	17010	78%	14.9	1474	23424	18224	78%	15.4	1524	26349	20658	78%	16.3	1616	29906	23476	79%	17.6	1700
	14°F	23350	18096	78%	14.9	1568	24919	19387	78%	15.4	1621	28031	21976	78%	16.3	1719	31815	24975	79%	17.6	1808
	23°F	24840	19251	78%	14.9	1668	26510	20625	78%	15.4	1724	29820	23379	78%	16.3	1829	33846	26569	79%	17.6	1924
	32°F	26426	20480	78%	14.9	1774	28202	21941	78%	15.4	1835	31723	24871	78%	16.3	1945	36006	28265	79%	17.6	2047
	41°F	28112	21787	78%	14.9	1887	30002	23342	78%	15.4	1952	33748	26459	78%	16.3	2070	38304	30069	79%	17.6	2177
	50°F	29907	23178	78%	14.9	2008	31917	24832	78%	15.4	2076	35902	28148	78%	16.3	2202	40749	31988	79%	17.6	2316
	59°F	31816	24657	78%	14.9	2136	33955	26417	78%	15.4	2209	38194	29944	78%	16.3	2342	43350	34030	79%	17.6	2464
	68°F	33846	26231	78%	14.9	2272	36122	28103	78%	15.4	2350	40632	31855	78%	16.3	2492	46117	36202	79%	17.6	2621
	77°F	32560	25234	78%	13.5	2418	34749	27035	78%	13.9	2500	39088	30645	78%	14.8	2651	44365	34826	79%	15.9	2789
	86°F	31274	24237	78%	12.2	2572	33377	25967	78%	12.6	2659	37544	29434	78%	13.3	2820	42612	33451	79%	14.4	2967
	95°F	29988	23241	78%	11.0	2736	32004	24899	78%	11.3	2829	36000	28224	78%	12.0	3000	40860	32075	79%	13.0	3156
	104°F	28702	22244	78%	9.2	3124	30631	23831	78%	9.5	3230	34456	27014	78%	10.1	3425	39108	30699	79%	10.9	3603
	113°F	27416	21247	78%	7.8	3511	29259	22763	78%	8.1	3631	32912	25803	78%	8.6	3850	37355	29324	79%	9.2	4050
	118°F	26644	20649	78%	6.8	3922	28435	22123	78%	7.0	4055	31986	25077	78%	7.4	4300	36304	28498	79%	8.0	4524
100%	-22°F	19394	15030	78%	14.9	1302	20698	16103	78%	15.4	1346	23282	18253	78%	16.3	1428	26425	20744	79%	17.6	1502
	-4°F	20632	15990	78%	14.9	1385	22019	17131	78%	15.4	1432	24768	19418	78%	16.3	1519	28112	22068	79%	17.6	1598
	5°F	21949	17010	78%	14.9	1474	23424	18224	78%	15.4	1524	26349	20658	78%	16.3	1616	29906	23476	79%	17.6	1700
	14°F	23350	18096	78%	14.9	1568	24919	19387	78%	15.4	1621	28031	21976	78%	16.3	1719	31815	24975	79%	17.6	1808
	23°F	24840	19251	78%	14.9	1668	26510	20625	78%	15.4	1724	29820	23379	78%	16.3	1829	33846	26569	79%	17.6	1924
	32°F	26426	20480	78%	14.9	1774	28202	21941	78%	15.4	1835	31723	24871	78%	16.3	1945	36006	28265	79%	17.6	2047
	41°F	28112	21787	78%	14.9	1887	30002	23342	78%	15.4	1952	33748	26459	78%	16.3	2070	38304	30069	79%	17.6	2177
	50°F	29907	23178	78%	14.9	2008	31917	24832	78%	15.4	2076	35902	28148	78%	16.3	2202	40749	31988	79%	17.6	2316
	59°F	31816	24657	78%	14.9	2136	33955	26417	78%	15.4	2209	38194	29944	78%	16.3	2342	43350	34030	79%	17.6	2464
	68°F	33846	26231	78%	14.9	2272	36122	28103	78%	15.4	2350	40632	31855	78%	16.3	2492	46117	36202	79%	17.6	2621
	77°F	32560	25234	78%	13.5	2418	34749	27035	78%	13.9	2500	39088	30645	78%	14.8	2651	44365	34826	79%	15.9	2789
	86°F	31274	24237	78%	12.2	2572	33377	25967	78%	12.6	2659	37544	29434	78%	13.3	2820	42612	33451	79%	14.4	2967
	95°F	29988	23241	78%	11.0	2736	32004	24899	78%	11.3	2829	36000	28224	78%	12.0	3000	40860	32075	79%	13.0	3156
	104°F	28702	22244	78%	9.2	3124	30631	23831	78%	9.5	3230	34456	27014	78%	10.1	3425	39108	30699	79%	10.9	3603
	113°F	27416	21247	78%	7.8	3511	29259	22763	78%	8.1	3631	32912	25803	78%	8.6	3850	37355	29324	79%	9.2	4050
	118°F	26644	20649	78%	6.8	3922	28435	22123	78%	7.0	4055	31986	25077	78%	7.4	4300	36304	28498	79%	8.0	4524

EXTENDED RATINGS	TM42HX4O

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	18230	14128	77%	14.7	1237	19456	15137	78%	15.2	1279	21885	17158	78%	16.1	1357	24840	19499	79%	17.4	1427
	-4°F	19394	15031	78%	14.7	1316	20698	16103	78%	15.2	1360	23282	18253	78%	16.1	1443	26425	20744	79%	17.4	1518
	5°F	20632	15989	77%	14.7	1400	22019	17131	78%	15.2	1448	24768	19419	78%	16.1	1535	28112	22067	78%	17.4	1615
	14°F	21949	17010	77%	14.7	1490	23424	18224	78%	15.2	1540	26349	20657	78%	16.1	1633	29906	23477	79%	17.4	1718
	23°F	23350	18096	78%	14.7	1585	24919	19388	78%	15.2	1638	28031	21976	78%	16.1	1738	31815	24975	78%	17.4	1828
	32°F	24840	19251	77%	14.7	1685	26510	20625	78%	15.2	1743	29820	23379	78%	16.1	1848	33846	26569	79%	17.4	1945
	41°F	26425	20480	78%	14.7	1793	28202	21941	78%	15.2	1854	31723	24871	78%	16.1	1967	36006	28265	79%	17.4	2068
	50°F	28113	21787	78%	14.7	1908	30002	23342	78%	15.2	1972	33748	26459	78%	16.1	2092	38304	30069	79%	17.4	2200
	59°F	29907	23178	77%	14.7	2029	31918	24832	78%	15.2	2099	35902	28147	78%	16.1	2225	40749	31988	79%	17.4	2341
	68°F	31815	24657	78%	14.7	2158	33955	26417	78%	15.2	2233	38194	29944	78%	16.1	2367	43350	34030	79%	17.4	2490
	77°F	30606	23720	78%	13.3	2297	32664	25413	78%	13.8	2375	36743	28806	78%	14.6	2518	41703	32736	78%	15.7	2650
	86°F	29398	22783	77%	12.0	2443	31374	24409	78%	12.4	2526	35291	27668	78%	13.2	2679	40055	31444	79%	14.2	2819
	95°F	28189	21847	78%	10.8	2599	30084	23405	78%	11.2	2688	33840	26531	78%	11.9	2850	38408	30151	78%	12.8	2998
	104°F	26980	20909	77%	9.1	2968	28793	22401	78%	9.4	3069	32389	25393	78%	10.0	3254	36762	28857	78%	10.7	3423
	113°F	25771	19972	77%	7.7	3335	27503	21397	78%	8.0	3449	30937	24255	78%	8.5	3658	35114	27565	79%	9.1	3848
	118°F	25045	19410	77%	6.7	3726	26729	20796	78%	6.9	3852	30067	23572	78%	7.4	4085	34126	26788	78%	7.9	4298
80%	-22°F	15903	12325	77%	14.4	1107	16972	13204	78%	14.8	1144	19091	14967	78%	15.7	1214	21669	17010	79%	17.0	1277
	-4°F	16918	13112	78%	14.4	1177	18056	14047	78%	14.8	1217	20310	15923	78%	15.7	1291	23052	18096	79%	17.0	1358
	5°F	17998	13948	77%	14.4	1253	19208	14944	78%	14.8	1295	21606	16940	78%	15.7	1374	24523	19250	78%	17.0	1445
	14°F	19147	14839	77%	14.4	1333	20434	15897	78%	14.8	1378	22985	18020	78%	15.7	1461	26088	20480	79%	17.0	1537
	23°F	20369	15786	78%	14.4	1418	21738	16913	78%	14.8	1465	24452	19171	78%	15.7	1555	27754	21787	78%	17.0	1635
	32°F	21669	16794	77%	14.4	1508	23126	17992	78%	14.8	1560	26013	20394	78%	15.7	1653	29525	23177	79%	17.0	1740
	41°F	23052	17865	78%	14.4	1604	24602	19140	78%	14.8	1659	27673	21696	78%	15.7	1760	31409	24657	79%	17.0	1850
	50°F	24524	19006	78%	14.4	1707	26172	20362	78%	14.8	1765	29440	23081	78%	15.7	1872	33414	26230	79%	17.0	1969
	59°F	26089	20219	77%	14.4	1816	27843	21662	78%	14.8	1878	31319	24554	78%	15.7	1991	35547	27905	79%	17.0	2094
	68°F	27754	21509	78%	14.4	1931	29620	23044	78%	14.8	1998	33318	26121	78%	15.7	2118	37816	29686	79%	17.0	2228
	77°F	26699	20692	78%	13.0	2055	28494	22169	78%	13.4	2125	32052	25129	78%	14.2	2253	36379	28557	78%	15.3	2371
	86°F	25645	19874	77%	11.7	2186	27369	21293	78%	12.1	2260	30786	24136	78%	12.8	2397	34942	27430	79%	13.9	2522
	95°F	24590	19058	78%	10.6	2326	26243	20417	78%	10.9	2405	29520	23144	78%	11.6	2550	33505	26302	78%	12.5	2683
	104°F	23536	18240	77%	8.9	2655	25117	19541	78%	9.1	2746	28254	22151	78%	9.7	2911	32069	25173	78%	10.5	3063
	113°F	22481	17423	77%	7.5	2984	23992	18666	78%	7.8	3086	26988	21158	78%	8.2	3273	30631	24046	79%	8.9	3443
	118°F	21848	16932	77%	6.6	3334	23317	18141	78%	6.8	3447	26229	20563	78%	7.2	3655	29769	23368	78%	7.7	3845

EXTENDED RATINGS	TM42HX4O

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	13964	10822	77%	14.3	977	14903	11594	78%	14.8	1010	16763	13142	78%	15.7	1071	19026	14936	79%	16.9	1127
	-4°F	14855	11513	78%	14.3	1039	15854	12334	78%	14.8	1074	17833	13981	78%	15.7	1139	20241	15889	79%	16.9	1199
	5°F	15803	12247	77%	14.3	1106	16865	13121	78%	14.8	1143	18971	14874	78%	15.7	1212	21532	16903	78%	16.9	1275
	14°F	16812	13029	77%	14.3	1176	17942	13959	78%	14.8	1216	20182	15823	78%	15.7	1289	22907	17982	79%	16.9	1356
	23°F	17885	13861	78%	14.3	1251	19087	14850	78%	14.8	1293	21470	16833	78%	15.7	1372	24369	19130	78%	16.9	1443
	32°F	19027	14746	77%	14.3	1331	20305	15798	78%	14.8	1376	22841	17907	78%	15.7	1459	25924	20351	79%	16.9	1535
	41°F	20241	15687	78%	14.3	1415	21601	16806	78%	14.8	1464	24299	19050	78%	15.7	1553	27579	21650	79%	16.9	1633
	50°F	21533	16688	78%	14.3	1506	22980	17879	78%	14.8	1557	25849	20267	78%	15.7	1652	29339	23031	79%	16.9	1737
	59°F	22908	17753	77%	14.3	1602	24448	19020	78%	14.8	1657	27500	21560	78%	15.7	1757	31212	24502	79%	16.9	1848
	68°F	24369	18886	78%	14.3	1704	26008	20234	78%	14.8	1763	29255	22936	78%	15.7	1869	33204	26065	79%	16.9	1966
	77°F	23443	18168	78%	12.9	1814	25019	19465	78%	13.3	1875	28143	22064	78%	14.2	1988	31943	25075	78%	15.3	2092
	86°F	22517	17451	77%	11.7	1929	24031	18696	78%	12.1	1994	27032	21192	78%	12.8	2115	30681	24085	79%	13.8	2225
	95°F	21591	16734	78%	10.5	2052	23043	17927	78%	10.9	2122	25920	20321	78%	11.5	2250	29419	23094	78%	12.4	2367
	104°F	20665	16016	77%	8.8	2343	22054	17158	78%	9.1	2423	24808	19450	78%	9.7	2569	28158	22103	78%	10.4	2702
	113°F	19740	15298	77%	7.5	2633	21066	16389	78%	7.7	2723	23697	18578	78%	8.2	2888	26896	21113	79%	8.9	3038
	118°F	19184	14867	77%	6.5	2942	20473	15929	78%	6.7	3041	23030	18055	78%	7.1	3225	26139	20519	78%	7.7	3393
60%	-22°F	12024	9319	77%	14.2	846	12833	9984	78%	14.7	875	14435	11317	78%	15.6	928	16384	12861	79%	16.8	976
	-4°F	12792	9914	78%	14.2	900	13652	10621	78%	14.7	931	15356	12039	78%	15.6	987	17429	13682	79%	16.8	1039
	5°F	13608	10546	77%	14.2	958	14523	11299	78%	14.7	991	16336	12808	78%	15.6	1050	18542	14555	78%	16.8	1105
	14°F	14477	11220	77%	14.2	1019	15450	12020	78%	14.7	1054	17379	13625	78%	15.6	1117	19725	15485	79%	16.8	1175
	23°F	15401	11936	78%	14.2	1084	16436	12788	78%	14.7	1121	18488	14495	78%	15.6	1189	20985	16473	78%	16.8	1251
	32°F	16384	12698	77%	14.2	1153	17485	13603	78%	14.7	1193	19668	15420	78%	15.6	1264	22324	17524	79%	16.8	1331
	41°F	17429	13508	78%	14.2	1227	18601	14472	78%	14.7	1269	20924	16405	78%	15.6	1346	23748	18643	79%	16.8	1415
	50°F	18542	14370	78%	14.2	1305	19789	15396	78%	14.7	1349	22259	17452	78%	15.6	1431	25264	19833	79%	16.8	1505
	59°F	19726	15287	77%	14.2	1388	21052	16379	78%	14.7	1436	23680	18565	78%	15.6	1522	26877	21099	79%	16.8	1602
	68°F	20985	16263	78%	14.2	1477	22396	17424	78%	14.7	1528	25192	19750	78%	15.6	1620	28593	22445	79%	16.8	1704
	77°F	20187	15645	78%	12.8	1572	21544	16762	78%	13.3	1625	24235	19000	78%	14.1	1723	27506	21592	78%	15.2	1813
	86°F	19390	15027	77%	11.6	1672	20694	16100	78%	12.0	1728	23277	18249	78%	12.7	1833	26419	20740	79%	13.7	1929
	95°F	18593	14409	78%	10.5	1778	19842	15437	78%	10.8	1839	22320	17499	78%	11.4	1950	25333	19887	78%	12.3	2051
	104°F	17795	13791	77%	8.8	2031	18991	14775	78%	9.0	2100	21363	16749	78%	9.6	2226	24247	19033	78%	10.4	2342
	113°F	16998	13173	77%	7.4	2282	18141	14113	78%	7.7	2360	20405	15998	78%	8.2	2503	23160	18181	79%	8.8	2633
	118°F	16519	12802	77%	6.5	2549	17630	13716	78%	6.7	2636	19831	15548	78%	7.1	2795	22508	17669	78%	7.7	2941

EXTENDED RATINGS	TM42HX4O

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	10085	7816	77%	14.1	716	10763	8374	78%	14.5	740	12107	9492	78%	15.4	785	13741	10787	79%	16.6	826
	-4°F	10729	8315	78%	14.1	762	11450	8908	78%	14.5	788	12879	10097	78%	15.4	835	14618	11475	79%	16.6	879
	5°F	11413	8845	77%	14.1	811	12180	9476	78%	14.5	838	13701	10742	78%	15.4	889	15551	12208	78%	16.6	935
	14°F	12142	9410	77%	14.1	862	12958	10081	78%	14.5	892	14576	11428	78%	15.4	945	16544	12987	79%	16.6	994
	23°F	12917	10011	78%	14.1	917	13785	10725	78%	14.5	948	15506	12157	78%	15.4	1006	17600	13816	78%	16.6	1058
	32°F	13742	10650	77%	14.1	976	14665	11409	78%	14.5	1009	16496	12933	78%	15.4	1070	18723	14698	79%	16.6	1126
	41°F	14618	11329	78%	14.1	1038	15601	12138	78%	14.5	1074	17549	13759	78%	15.4	1139	19918	15636	79%	16.6	1197
	50°F	15552	12053	78%	14.1	1104	16597	12913	78%	14.5	1142	18669	14637	78%	15.4	1211	21189	16634	79%	16.6	1274
	59°F	16544	12822	77%	14.1	1175	17657	13737	78%	14.5	1215	19861	15571	78%	15.4	1288	22542	17696	79%	16.6	1355
	68°F	17600	13640	78%	14.1	1250	18783	14614	78%	14.5	1293	21129	16565	78%	15.4	1371	23981	18825	79%	16.6	1442
	77°F	16931	13122	78%	12.7	1330	18069	14058	78%	13.1	1375	20326	15935	78%	13.9	1458	23070	18110	78%	15.0	1534
	86°F	16262	12603	77%	11.5	1415	17356	13503	78%	11.9	1462	19523	15306	78%	12.6	1551	22158	17395	79%	13.6	1632
	95°F	15594	12085	78%	10.4	1505	16642	12947	78%	10.7	1556	18720	14676	78%	11.3	1650	21247	16679	78%	12.2	1736
	104°F	14925	11567	77%	8.7	1718	15928	12392	78%	9.0	1777	17917	14047	78%	9.5	1884	20336	15963	78%	10.3	1982
	113°F	14256	11048	77%	7.4	1931	15215	11837	78%	7.6	1997	17114	13418	78%	8.1	2118	19425	15248	79%	8.7	2228
	118°F	13855	10737	77%	6.4	2157	14786	11504	78%	6.6	2230	16633	13040	78%	7.0	2365	18878	14819	78%	7.6	2488

EXTENDED RATINGS — TM42HX4O

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%	-22°F	-22.5°F	24500	1.6	4520	24182	1.5	4619	23569	1.5	4723
	-5°F	-6°F	29240	1.9	4628	28860	1.8	4730	28129	1.7	4836
	0°F	-1°F	30820	1.9	4664	30419	1.9	4767	29649	1.8	4874
	5°F	3°F	32400	2.0	4700	31979	2.0	4803	31169	1.9	4912
	7°F	5°F	32857	2.1	4654	32430	2.0	4757	31609	1.9	4864
	17°F	15°F	35600	2.4	4380	35137	2.3	4476	34247	2.2	4577
	28°F	26°F	37250	2.8	3870	36766	2.7	3955	35835	2.6	4044
	38°F	35°F	38625	3.3	3445	38123	3.2	3521	37157	3.0	3600
	47°F	43°F	40000	3.9	3020	39480	3.8	3086	38480	3.6	3156
	57°F	52°F	41200	4.2	2886	40664	4.0	2949	39634	3.9	3016
	68°F	63°F	42800	4.4	2839	42244	4.3	2902	41174	4.1	2967
	77°F	71°F	44000	4.7	2776	43428	4.5	2837	42328	4.3	2901
120%	-22°F	-22.5°F	24500	1.6	4520	24182	1.5	4619	23569	1.5	4723
	-5°F	-6°F	29240	1.9	4628	28860	1.8	4730	28129	1.7	4836
	0°F	-1°F	30820	1.9	4664	30419	1.9	4767	29649	1.8	4874
	5°F	3°F	32400	2.0	4700	31979	2.0	4803	31169	1.9	4912
	7°F	5°F	32857	2.1	4654	32430	2.0	4757	31609	1.9	4864
	17°F	15°F	35600	2.4	4380	35137	2.3	4476	34247	2.2	4577
	28°F	26°F	37250	2.8	3870	36766	2.7	3955	35835	2.6	4044
	38°F	35°F	38625	3.3	3445	38123	3.2	3521	37157	3.0	3600
	47°F	43°F	40000	3.9	3020	39480	3.8	3086	38480	3.6	3156
	57°F	52°F	41200	4.2	2886	40664	4.0	2949	39634	3.9	3016
	68°F	63°F	42800	4.4	2839	42244	4.3	2902	41174	4.1	2967
	77°F	71°F	44000	4.7	2776	43428	4.5	2837	42328	4.3	2901

EXTENDED RATINGS — TM42HX4O

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%	-22°F	-22.5°F	24500	1.6	4520	24182	1.5	4619	23569	1.5	4723
	-5°F	-6°F	29240	1.9	4628	28860	1.8	4730	28129	1.7	4836
	0°F	-1°F	30820	1.9	4664	30419	1.9	4767	29649	1.8	4874
	5°F	3°F	32400	2.0	4700	31979	2.0	4803	31169	1.9	4912
	7°F	5°F	32857	2.1	4654	32430	2.0	4757	31609	1.9	4864
	17°F	15°F	35600	2.4	4380	35137	2.3	4476	34247	2.2	4577
	28°F	26°F	37250	2.8	3870	36766	2.7	3955	35835	2.6	4044
	38°F	35°F	38625	3.3	3445	38123	3.2	3521	37157	3.0	3600
	47°F	43°F	40000	3.9	3020	39480	3.8	3086	38480	3.6	3156
	57°F	52°F	41200	4.2	2886	40664	4.0	2949	39634	3.9	3016
	68°F	63°F	42800	4.4	2839	42244	4.3	2902	41174	4.1	2967
	77°F	71°F	44000	4.7	2776	43428	4.5	2837	42328	4.3	2901
100%	-22°F	-22.5°F	24500	1.6	4520	24182	1.5	4619	23569	1.5	4723
	-5°F	-6°F	29240	1.9	4628	28860	1.8	4730	28129	1.7	4836
	0°F	-1°F	30820	1.9	4664	30419	1.9	4767	29649	1.8	4874
	5°F	3°F	32400	2.0	4700	31979	2.0	4803	31169	1.9	4912
	7°F	5°F	32857	2.1	4654	32430	2.0	4757	31609	1.9	4864
	17°F	15°F	35600	2.4	4380	35137	2.3	4476	34247	2.2	4577
	28°F	26°F	37250	2.8	3870	36766	2.7	3955	35835	2.6	4044
	38°F	35°F	38625	3.3	3445	38123	3.2	3521	37157	3.0	3600
	47°F	43°F	40000	3.9	3020	39480	3.8	3086	38480	3.6	3156
	57°F	52°F	41200	4.2	2886	40664	4.0	2949	39634	3.9	3016
	68°F	63°F	42800	4.4	2839	42244	4.3	2902	41174	4.1	2967
	77°F	71°F	44000	4.7	2776	43428	4.5	2837	42328	4.3	2901

EXTENDED RATINGS — TM42HX4O

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%	-22°F	-22.5°F	23275	1.6	4339	22973	1.5	4434	22391	1.4	4534
	-5°F	-6°F	27778	1.8	4443	27417	1.8	4541	26723	1.7	4643
	0°F	-1°F	29279	1.9	4477	28898	1.9	4576	28167	1.8	4679
	5°F	3°F	30780	2.0	4512	30380	1.9	4611	29611	1.8	4716
	7°F	5°F	31214	2.0	4468	30809	2.0	4567	30029	1.9	4669
	17°F	15°F	33820	2.4	4205	33380	2.3	4297	32535	2.2	4394
	28°F	26°F	35388	2.8	3715	34928	2.7	3797	34043	2.6	3882
	38°F	35°F	36694	3.3	3307	36217	3.1	3380	35299	3.0	3456
	47°F	43°F	38000	3.8	2899	37506	3.7	2963	36556	3.5	3030
	57°F	52°F	39140	4.1	2771	38631	4.0	2831	37652	3.8	2895
	68°F	63°F	40660	4.4	2725	40132	4.2	2786	39115	4.0	2848
	77°F	71°F	41800	4.6	2665	41257	4.4	2724	40212	4.2	2785
80%	-22°F	-22.5°F	20335	1.6	3842	20071	1.5	3926	19562	1.4	4015
	-5°F	-6°F	24269	1.8	3934	23954	1.7	4021	23347	1.7	4111
	0°F	-1°F	25581	1.9	3964	25248	1.8	4052	24609	1.7	4143
	5°F	3°F	26892	2.0	3995	26543	1.9	4083	25870	1.8	4175
	7°F	5°F	27271	2.0	3956	26917	2.0	4043	26235	1.9	4134
	17°F	15°F	29548	2.3	3723	29164	2.2	3805	28425	2.1	3890
	28°F	26°F	30918	2.8	3290	30516	2.7	3362	29743	2.5	3437
	38°F	35°F	32059	3.2	2928	31642	3.1	2993	30840	3.0	3060
	47°F	43°F	33200	3.8	2567	32768	3.7	2623	31938	3.5	2683
	57°F	52°F	34196	4.1	2453	33751	3.9	2507	32896	3.8	2564
	68°F	63°F	35524	4.3	2413	35063	4.2	2467	34174	4.0	2522
	77°F	71°F	36520	4.5	2360	36045	4.4	2411	35132	4.2	2466

EXTENDED RATINGS — TM42HX4O

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%	-22°F	-22.5°F	17640	1.5	3390	17411	1.5	3464	16970	1.4	3542
	-5°F	-6°F	21053	1.8	3471	20779	1.7	3548	20253	1.6	3627
	0°F	-1°F	22190	1.9	3498	21902	1.8	3575	21347	1.7	3656
	5°F	3°F	23328	1.9	3525	23025	1.9	3602	22442	1.8	3684
	7°F	5°F	23657	2.0	3491	23350	1.9	3568	22758	1.8	3648
	17°F	15°F	25632	2.3	3285	25299	2.2	3357	24658	2.1	3433
	28°F	26°F	26820	2.7	2903	26472	2.6	2966	25801	2.5	3033
	38°F	35°F	27810	3.2	2584	27449	3.0	2641	26753	2.9	2700
	47°F	43°F	28800	3.7	2265	28426	3.6	2315	27706	3.4	2367
	57°F	52°F	29664	4.0	2165	29278	3.9	2212	28536	3.7	2262
	68°F	63°F	30816	4.2	2129	30416	4.1	2177	29645	3.9	2225
	77°F	71°F	31680	4.5	2082	31268	4.3	2128	30476	4.1	2176
60%	-22°F	-22.5°F	15190	1.5	2938	14993	1.5	3002	14613	1.4	3070
	-5°F	-6°F	18129	1.8	3008	17893	1.7	3075	17440	1.6	3143
	0°F	-1°F	19108	1.8	3032	18860	1.8	3099	18382	1.7	3168
	5°F	3°F	20088	1.9	3055	19827	1.9	3122	19325	1.8	3193
	7°F	5°F	20371	2.0	3025	20107	1.9	3092	19598	1.8	3162
	17°F	15°F	22072	2.3	2847	21785	2.2	2909	21233	2.1	2975
	28°F	26°F	23095	2.7	2516	22795	2.6	2571	22218	2.5	2629
	38°F	35°F	23948	3.1	2239	23636	3.0	2289	23037	2.9	2340
	47°F	43°F	24800	3.7	1963	24478	3.6	2006	23858	3.4	2051
	57°F	52°F	25544	4.0	1876	25212	3.9	1917	24573	3.7	1960
	68°F	63°F	26536	4.2	1845	26191	4.1	1886	25528	3.9	1929
	77°F	71°F	27280	4.4	1804	26925	4.3	1844	26243	4.1	1886

EXTENDED RATINGS TM42HX4O

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%	-22°F	-22.5°F	12740	1.5	2486	12575	1.5	2540	12256	1.4	2598
	-5°F	-6°F	15205	1.8	2545	15007	1.7	2602	14627	1.6	2660
	0°F	-1°F	16026	1.8	2565	15818	1.8	2622	15417	1.7	2681
	5°F	3°F	16848	1.9	2585	16629	1.8	2642	16208	1.8	2702
	7°F	5°F	17086	2.0	2560	16864	1.9	2616	16437	1.8	2675
	17°F	15°F	18512	2.3	2409	18271	2.2	2462	17808	2.1	2517
	28°F	26°F	19370	2.7	2129	19118	2.6	2175	18634	2.5	2224
	38°F	35°F	20085	3.1	1895	19824	3.0	1937	19322	2.9	1980
	47°F	43°F	20800	3.7	1661	20530	3.5	1697	20010	3.4	1736
	57°F	52°F	21424	4.0	1587	21145	3.8	1622	20610	3.6	1659
	68°F	63°F	22256	4.2	1561	21967	4.0	1596	21410	3.8	1632
	77°F	71°F	22880	4.4	1527	22583	4.2	1560	22011	4.0	1596

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