



Air comfort for all

MULTI⁺ULTRA



EXTENDED RATINGS

Outdoor Unit

MODELS:

MULTIU18HP230V1DO
MULTIU24HP230V1DO
MULTIU36HP230V1DO
MULTIU42HP230V1DO

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your project and retain it for future reference.

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EXTENDED RATINGS

MULTI18HP230V1D0

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

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

Connected Capacity		COOLING PERFORMANCE															
		Outdoor Ambient Temperature (DB)		Return Air Temperature							80°F (DB) / 67°F (WB)						
				70°F (DB) / 59°F (WB)			75°F (DB) / 63°F (WB)				TC (Btu/h)			Power Input (W)			
		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)	
		0°F	10399	8155	78%	11.8	10994	8614	78%	11.8	930	12107	9499	78%	12.4	979	
		5°F	10763	8440	78%	11.7	11378	8915	78%	11.7	972	12530	9831	78%	12.3	1022	
		14°F	11273	8842	78%	11.7	11910	9337	78%	11.8	1013	13441	10542	78%	12.6	1066	
		23°F	12351	9689	78%	12.4	13211	10363	78%	12.5	1053	15137	11872	78%	13.7	1109	
		32°F	13125	10294	78%	12.6	13866	10874	78%	12.7	1054	15649	12270	78%	13.6	1152	
		41°F	13597	10664	78%	12.6	14359	11261	78%	12.6	1136	16409	12866	78%	13.7	1195	
		50°F	13833	10849	78%	12.4	14797	11604	78%	12.6	1177	16954	13293	78%	13.7	1238	
		59°F	14978	11747	78%	13.0	16021	12565	78%	13.2	1217	17546	13758	78%	13.7	1282	
		68°F	16963	13304	78%	14.2	18023	14134	78%	14.3	1259	19260	15106	78%	14.5	1325	
		77°F	16763	13149	78%	13.6	17829	13984	78%	13.7	1300	19084	14969	78%	14.0	1368	
		86°F	15938	12499	78%	12.5	16999	13334	78%	12.7	1341	18554	14551	78%	13.2	1411	
		95°F	15084	11831	78%	11.6	16139	12654	78%	11.8	1368	17670	13859	78%	12.3	1440	
		104°F	14354	11258	78%	10.5	15402	12081	78%	10.7	1436	17211	13501	78%	11.4	1512	
		113°F	13983	10966	78%	9.8	1429	11789	78%	10.0	1505	16845	13209	78%	10.6	1584	
		122°F	13618	10679	78%	9.1	1495	14666	11503	78%	9.3	1573	16480	12923	78%	10.0	1656
		129°F	13253	10393	78%	8.4	1584	14136	11085	78%	8.5	1656	15903	12475	78%	9.2	1728
		0°F	9169	7191	78%	11.6	9694	7595	78%	11.6	833	10675	8376	78%	12.2	877	
		5°F	9490	7442	78%	11.5	826	10032	7860	78%	11.5	870	11048	8668	78%	12.1	916
		14°F	9940	7796	78%	11.5	862	10501	8233	78%	11.6	907	11851	9295	78%	12.4	955
		23°F	10890	8543	78%	12.2	896	11649	9137	78%	12.4	943	13347	10468	78%	13.4	993
		32°F	11573	9076	78%	12.4	931	12226	9588	78%	12.5	980	13798	10819	78%	13.4	1032
		41°F	11989	9403	78%	12.4	967	12661	9929	78%	12.4	1017	14468	11344	78%	13.5	1071
		50°F	12197	9566	78%	12.2	1001	13046	10232	78%	12.4	1054	14948	11721	78%	13.5	1109
		59°F	13207	10358	78%	12.7	1036	14126	11078	78%	13.0	1090	15471	12131	78%	13.5	1148
		68°F	14957	11731	78%	14.0	15892	12462	78%	14.1	1127	16982	13319	78%	14.3	1187	
		77°F	14780	11594	78%	13.4	15720	12330	78%	13.5	1164	16826	13198	78%	13.7	1226	
		86°F	14053	11021	78%	12.3	1441	14988	11757	78%	12.5	1201	16359	12830	78%	12.9	1264
		95°F	13300	10431	78%	11.4	1464	14230	11157	78%	11.6	1226	15580	12220	78%	12.1	1290
		104°F	12656	9926	78%	10.4	1222	13581	10652	78%	10.6	1287	15175	11904	78%	11.2	1355
		113°F	12329	9669	78%	9.6	1281	13259	10395	78%	9.8	1348	14853	11647	78%	10.5	1419
		122°F	12007	9416	78%	9.0	1339	12931	10142	78%	9.2	1410	14531	11394	78%	9.8	1484
		129°F	11685	9164	78%	8.2	1419	12454	9774	78%	8.4	1484	14022	10999	78%	9.1	1548

EXTENDED RATINGS

MULTI1U18HP230V1DO

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

EXTENDED RATINGS

MULTI18HP230V1DO

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

EXTENDED RATINGS

MULTIU18HP230V1DO

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

EXTENDED RATINGS

MULTIU18HP230V1DO

Connected Capacity		HEATING PERFORMANCE												
		Outdoor Ambient Temperature		Return Air Temperature									Power Input (W)	Power Input (W)
				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)	TC (Btu/h)	COP(W/W)	Power Input (W)	
110%	-31°F		21200	1.3	4640	20924	1.3	4742	20394	1.2	4849			
	-22.5°F		21350	1.4	4358	21072	1.4	4453	20539	1.3	4554			
	-13°F		21500	1.6	4075	21251	1.5	4165	20683	1.4	4258			
	-5°F		21633	1.7	3824	21321	1.6	3908	20811	1.5	3996			
	0°F		21717	1.7	3667	21434	1.7	3748	20891	1.6	3832			
	5°F		21800	1.8	3510	21517	1.8	3587	20972	1.7	3668			
	10°F		21467	1.9	3298	21188	1.8	3370	20651	1.8	3446			
	17°F		21000	2.1	3000	20727	2.0	3066	20202	1.9	3135			
	19°F		21333	2.1	2987	21056	2.0	3052	20523	1.9	3121			
	24°F		22167	2.2	2953	21879	2.1	3018	21324	2.0	3086			
	32°F		23500	2.4	2900	23195	2.3	2964	22607	2.2	3031			
	41°F		25000	2.6	2840	24675	2.5	2902	24050	2.4	2968			
	43°F		25333	2.6	2827	25004	2.5	2889	24371	2.4	2954			
	47°F		26000	2.7	2800	25662	2.6	2862	25012	2.5	2926			
	53°F		24240	3.1	2280	23573	3.5	2003	23079	3.3	2066			
	59°F		22316	3.3	1999	21695	3.1	2022	21236	3.0	2086			
	64°F		22788	3.6	1833	22160	3.5	1854	21695	3.3	1913			
	70°F		23220	3.7	1862	22579	3.5	1883	22100	3.3	1943			
75°F		23544	4.1	1701	22896	3.9	1721	22417	3.7	1775				
78°F		23760	4.1	1717	23105	3.9	1736	22619	3.7	1791				
100%	-31°F		21200	1.3	4640	20924	1.3	4742	20394	1.2	4849			
	-22.5°F		21350	1.4	4358	21072	1.4	4453	20539	1.3	4554			
	-13°F		21500	1.6	4075	21221	1.5	4165	20683	1.4	4258			
	-5°F		21633	1.7	3824	21352	1.6	3908	20811	1.5	3996			
	0°F		21717	1.7	3667	21434	1.7	3748	20891	1.6	3832			
	5°F		21800	1.8	3510	21517	1.8	3587	20972	1.7	3668			
	10°F		21467	1.9	3298	21188	1.8	3370	20651	1.8	3446			
	17°F		21000	2.1	3000	20727	2.0	3066	20202	1.9	3135			
	19°F		21333	2.1	2987	21056	2.0	3052	20523	1.9	3121			
	24°F		22167	2.2	2953	21879	2.1	3018	21324	2.0	3086			
	32°F		23500	2.4	2900	23195	2.3	2964	22607	2.2	3031			
	41°F		25000	2.6	2840	24675	2.5	2902	24050	2.4	2968			
	43°F		25333	2.6	2827	25004	2.5	2889	24371	2.4	2954			
	47°F		26000	2.7	2800	25662	2.6	2862	25012	2.5	2926			
	53°F		24240	3.1	2280	23573	3.5	2003	23079	3.3	2066			
	59°F		22316	3.3	1999	21695	3.1	2022	21236	3.0	2086			
	64°F		22788	3.6	1833	22160	3.5	1854	21695	3.3	1913			
	70°F		23220	3.7	1862	22579	3.5	1883	22100	3.3	1943			
75°F		23544	4.1	1701	22896	3.9	1721	22417	3.7	1775				
78°F		23760	4.1	1717	23105	3.9	1736	22619	3.7	1791				

EXTENDED RATINGS

MULTI18HP230V1DO

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

EXTENDED RATINGS

MULTIU18HP230V1DO

Connected Capacity		HEATING PERFORMANCE											
		Outdoor Ambient Temperature		Return Air Temperature									Power Input (W)
				70°F (DB)			75°F (DB)			80°F (DB)			
				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)	
	DB	WB	15476	1.3	3526	15275	1.2	3604	14888	1.2	3685		
	-31°F	-32°F	15586	1.4	3312	15383	1.3	3384	14993	1.3	3461		
	-22°F	-22.5°F	15695	1.5	3097	15491	1.4	3165	15099	1.4	3236		
	-13°F	-14°F	15792	1.6	2906	15587	1.5	2970	15192	1.5	3037		
	-5°F	-6°F	15853	1.7	2787	15647	1.6	2848	15250	1.5	2912		
	0°F	-1°F	15914	1.8	2668	15707	1.7	2726	15310	1.6	2788		
	5°F	3°F	15671	1.8	2506	15467	1.8	2561	15075	1.7	2619		
	10°F	8°F	15330	2.0	2280	15131	1.9	2330	14747	1.8	2383		
	17°F	15°F	15573	2.0	2270	15371	1.9	2320	14982	1.9	2372		
	19°F	16°F	16182	2.1	2244	15972	2.0	2294	15567	2.0	2345		
	24°F	21°F	17155	2.3	2204	16932	2.2	2253	16503	2.1	2304		
	32°F	29°F	18250	2.5	2158	18013	2.4	2206	17557	2.3	2256		
	41°F	37°F	18493	2.5	2149	18253	2.4	2196	17791	2.3	2245		
	43°F	39°F	18980	2.6	2128	18733	2.5	2175	18259	2.4	2224		
	47°F	43°F	17695	3.0	1733	17208	3.3	1522	16848	3.1	1570		
	53°F	49°F	16291	3.1	1519	15837	3.0	1537	15502	2.9	1585		
	59°F	54°F	16635	3.5	1393	16177	3.4	1409	15837	3.2	1454		
	64°F	59°F	16951	3.5	1415	16483	3.4	1431	16133	3.2	1477		
	70°F	64°F	17187	3.9	1293	16714	3.8	1308	16364	3.6	1349		
	75°F	69°F	17345	3.9	1305	16867	3.8	1319	16512	3.6	1361		
	78°F	72°F	13250	1.3	3062	13078	1.2	3130	12746	1.2	3200		
	-31°F	-32°F	13344	1.4	2876	13170	1.3	2939	12837	1.3	3006		
	-22°F	-22.5°F	13438	1.5	2690	13263	1.4	2749	12927	1.4	2810		
	-13°F	-14°F	13521	1.6	2524	13345	1.5	2579	13007	1.5	2637		
	-5°F	-6°F	13573	1.6	2420	13396	1.6	2474	13057	1.5	2637		
	0°F	-1°F	13625	1.7	2317	13448	1.7	2367	13108	1.6	2529		
	5°F	3°F	13417	1.8	2177	13243	1.7	2224	12907	1.7	2421		
	10°F	8°F	13125	1.9	1980	12954	1.9	2024	12626	1.8	2069		
	17°F	15°F	13333	2.0	1971	13160	1.9	2014	12827	1.8	2060		
	19°F	16°F	13854	2.1	1949	13674	2.0	1992	13328	1.9	2037		
	24°F	21°F	14688	2.3	1914	14497	2.2	1956	14129	2.1	2000		
	32°F	29°F	15625	2.4	1874	15422	2.4	1915	15031	2.3	1959		
	41°F	37°F	15833	2.5	1866	15628	2.4	1907	15232	2.3	1950		
	43°F	39°F	16250	2.6	1848	16039	2.5	1889	15633	2.4	1931		
	47°F	43°F	15150	3.0	1505	14733	3.3	1322	14424	3.1	1364		
	53°F	49°F	13948	3.1	1319	13559	3.0	1335	13273	2.8	1377		
	59°F	54°F	14243	3.5	1210	13850	3.3	1224	13529	3.2	1263		
	64°F	59°F	14513	3.5	1229	14112	3.3	1243	13813	3.2	1282		
	70°F	64°F	14715	3.8	1123	14310	3.7	1136	14011	3.5	1172		
	75°F	69°F	14850	3.8	1133	14441	3.7	1146	14137	3.5	1182		
	78°F	72°F											

70%

60%

EXTENDED RATINGS

MULTI U18HP230V1DO

HEATING PERFORMANCE

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

EXTENDED RATINGS

MULTI24HP230V1DO

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

EXTENDED RATINGS

MULTIUI24HP230V1DO

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

COOLING PERFORMANCE

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

EXTENDED RATINGS

MULTI24HP230V1DO

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

EXTENDED RATINGS

MULTIUI24HP230V1DO

Connected Capacity		COOLING PERFORMANCE																			
		Outdoor Ambient Temperature (DB)		Return Air Temperature										80°F (DB) / 67°F (WB)							
				70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					70°F (DB) / 67°F (WB)				75°F (DB) / 71°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%		0°F	8875	6960	78%	14.1	629	9383	7351	78%	14.2	662	10332	8107	78%	14.8	697				
		5°F	9185	7203	78%	14.0	657	9710	7608	78%	14.1	691	10693	8390	78%	14.7	727				
		14°F	9621	7546	78%	14.1	684	10164	7968	78%	14.1	720	11471	8997	78%	15.1	758				
		23°F	10541	8269	78%	14.8	712	11275	8844	78%	15.0	750	12918	10132	78%	16.4	789				
		32°F	11201	8785	78%	15.1	740	11833	9280	78%	15.2	779	13355	10471	78%	16.3	820				
		41°F	11604	9101	78%	15.1	768	12254	9611	78%	15.2	808	14004	10980	78%	16.5	851				
		50°F	11806	9259	78%	14.8	795	12628	9903	78%	15.1	837	14469	11345	78%	16.4	881				
		59°F	12783	10025	78%	15.5	823	13672	10723	78%	15.8	866	14974	11741	78%	16.4	912				
		68°F	14477	11354	78%	17.0	851	15382	12062	78%	17.2	895	16437	12892	78%	17.4	943				
		77°F	14306	11222	78%	16.3	879	15216	11935	78%	16.4	925	16286	12775	78%	16.7	974				
		86°F	13602	10667	78%	15.0	907	14507	11380	78%	15.2	954	15834	12419	78%	15.8	1004				
		95°F	12873	10097	78%	13.9	925	13773	10799	78%	14.1	974	15080	11828	78%	14.7	1025				
		104°F	12250	9608	78%	12.6	971	13145	10311	78%	12.9	1022	14688	11522	78%	13.6	1076				
		113°F	11933	9358	78%	11.7	1018	12833	10061	78%	12.0	1071	14376	11273	78%	12.8	1127				
		122°F	11621	9114	78%	10.9	1063	12516	9817	78%	11.2	1119	14064	11028	78%	11.9	1179				
129°F	11310	8870	78%	10.0	1127	12064	9460	78%	10.2	1179	13572	10646	78%	11.0	1230						

EXTENDED RATINGS

MULTI U24HP230V1DO

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

EXTENDED RATINGS

MULTIU24HP230V1DO

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

EXTENDED RATINGS

MULTIU24HP230V1DO

Connected Capacity		HEATING PERFORMANCE											
		Outdoor Ambient Temperature		Return Air Temperature									Power Input (W)
				70°F (DB)			75°F (DB)			80°F (DB)			
				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)	
	DB	WB	20710	1.4	4493	20441	1.3	4592	19923	1.2	4695		
90%	-31°F	-32°F	22658	1.5	4541	22363	1.4	4641	21797	1.4	4745		
	-22°F	-15°F	24605	1.6	4589	24285	1.5	4690	23670	1.5	4795		
	-13°F	-4°F	26336	1.7	4631	25994	1.6	4734	25336	1.5	4840		
	0°F	1°F	27418	1.7	4658	27062	1.7	4761	26376	1.6	4868		
	5°F	3°F	28500	1.8	4685	28130	1.7	4788	27417	1.6	4896		
	10°F	8°F	26916	1.8	4313	26567	1.8	4407	25894	1.7	4507		
	17°F	15°F	24700	1.9	3792	24379	1.8	3876	23761	1.8	3963		
	19°F	16°F	25016	1.9	3776	24691	1.9	3859	24066	1.8	3946		
	24°F	21°F	25809	2.0	3736	25473	2.0	3818	24827	1.9	3904		
	32°F	29°F	27075	2.2	3672	26724	2.1	3753	26046	2.0	3837		
	41°F	37°F	28500	2.3	3600	28130	2.2	3680	27417	2.1	3762		
	43°F	39°F	28816	2.4	3584	28442	2.3	3662	27722	2.2	3745		
	47°F	43°F	29450	2.4	3552	29067	2.4	3630	28331	2.2	3712		
	53°F	49°F	29773	2.8	3140	31724	2.9	3177	31060	2.8	3277		
	59°F	54°F	30033	2.8	3171	29197	2.7	3207	28581	2.5	3309		
	64°F	59°F	30669	3.1	2908	29824	3.0	2941	29197	2.8	3035		
	70°F	64°F	31250	3.1	2953	30388	3.0	2987	29743	2.8	3082		
	75°F	69°F	31686	3.4	2699	30814	3.3	2729	30169	3.1	2816		
78°F	72°F	31977	3.4	2723	31095	3.3	2754	30442	3.1	2842			
80%	-31°F	-32°F	18312	1.3	4025	18074	1.3	4113	17616	1.2	4206		
	-22°F	-15°F	20034	1.4	4068	19774	1.4	4157	19273	1.3	4251		
	-13°F	-4°F	21756	1.6	4111	21473	1.5	4201	20929	1.4	4296		
	-5°F	1°F	23286	1.7	4149	22984	1.6	4241	22402	1.5	4336		
	0°F	1°F	24243	1.7	4173	23928	1.6	4265	23322	1.6	4361		
	5°F	3°F	25200	1.8	4197	24872	1.7	4289	24242	1.6	4386		
	10°F	8°F	23800	1.8	3864	23491	1.7	3948	22896	1.7	4038		
	17°F	15°F	21840	1.9	3397	21556	1.8	3472	21010	1.7	3550		
	19°F	16°F	22120	1.9	3382	21832	1.9	3457	21280	1.8	3535		
	24°F	21°F	22820	2.0	3347	22524	1.9	3420	21953	1.8	3498		
	32°F	29°F	23940	2.1	3290	23629	2.1	3362	23030	2.0	3437		
	41°F	37°F	25200	2.3	3225	24872	2.2	3296	24242	2.1	3370		
	43°F	39°F	25480	2.3	3210	25149	2.3	3281	24512	2.1	3355		
	47°F	43°F	26040	2.4	3182	25701	2.3	3252	25050	2.2	3326		
	53°F	49°F	26326	2.7	2813	28051	2.9	2846	27464	2.7	2936		
	59°F	54°F	26556	2.7	2841	25817	2.6	2873	25271	2.5	2964		
	64°F	59°F	27118	3.1	2605	26371	2.9	2635	25817	2.8	2718		
	70°F	64°F	27632	3.1	2645	26869	2.9	2675	26299	2.8	2761		
75°F	69°F	28017	3.4	2417	27246	3.3	2445	26676	3.1	2522			
78°F	72°F	28274	3.4	2439	27495	3.3	2467	26917	3.1	2546			

EXTENDED RATINGS

MULTIU24HP230V1DO

HEATING PERFORMANCE

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

EXTENDED RATINGS

MULTIU24HP230V1DO

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

EXTENDED RATINGS

MULTIUS36HP230V1DO

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	4270	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	4270	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

MULTIUS36HP230V1DO

Connected Capacity		COOLING PERFORMANCE																							
		70°F (DB) / 59°F (WB)						75°F (DB) / 63°F (WB)						80°F (DB) / 67°F (WB)						90°F (DB) / 73°F (WB)					
		Outdoor Ambient Temperature (DB)	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

MULTIUS36HP230V1DO

Connected Capacity		COOLING PERFORMANCE																			
		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)							
Outdoor Ambient Temperature (DB)	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	77%	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

MULTIUS36HP230V1DO

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	77%	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	77%	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

MULTI36HP230V1DO

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

MULTIU36HP230V1DO

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

EXTENDED RATINGS

MULTI36HP230V1DO

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

EXTENDED RATINGS

MULTI36HP230V1DO

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

EXTENDED RATINGS

MULTIU36HP230V1DO

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

70%

60%

EXTENDED RATINGS

MULTI U36HP230V1DO

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

EXTENDED RATINGS

MULTI42HP230V1D0

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

EXTENDED RATINGS

MULTI42HP230V1DO

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

EXTENDED RATINGS

MULTI42HP230V1DO

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

Connected Capacity	Outdoor Ambient Temperature (DB)	COOLING PERFORMANCE														
		70°F (DB) / 59°F (WB)						Return Air Temperature								
		TC (kBtu/h)	SC (Btu/h)	SHR	EER	Power Input (kW)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
70%	0°F	17280	14040	81%	8.0	2174	18720	14760	79%	8.2	2288	20808	16056	77%	8.6	2408
	5°F	18419	14445	78%	8.1	2269	19472	15256	78%	8.2	2389	21443	16825	78%	8.5	2515
	14°F	19293	15131	78%	8.2	2365	20382	15979	78%	8.2	2490	23003	18041	78%	8.8	2620
	23°F	21138	16581	78%	8.6	2461	22609	17735	78%	8.7	2591	25906	20318	78%	9.5	2727
	32°F	21637	16972	78%	8.5	2557	23237	18228	78%	8.6	2692	26875	21081	78%	9.5	2833
	41°F	19835	15558	78%	7.5	2653	21437	16815	78%	7.7	2792	24987	19599	78%	8.5	2940
	50°F	18101	14198	78%	6.6	2749	19687	15443	78%	6.8	2893	23128	18142	78%	7.6	3046
	59°F	25633	20104	78%	9.0	2845	27418	21503	78%	9.2	2994	30028	23545	78%	9.5	3152
	68°F	29030	22769	78%	9.9	2940	30845	24188	78%	10.0	3095	32962	25852	78%	10.1	3258
	77°F	28688	22503	78%	9.5	3036	30512	23933	78%	9.6	3197	32659	25617	78%	9.7	3365
	86°F	27276	21390	78%	8.7	3133	29091	22820	78%	8.8	3297	31752	24903	78%	9.2	3471
	95°F	25815	20247	78%	8.1	3197	27619	21656	78%	8.2	3365	30240	23718	78%	8.5	3542
	104°F	24565	19267	78%	7.3	3356	26359	20676	78%	7.5	3532	29454	23106	78%	7.9	3719
	113°F	23305	18276	78%	6.6	3516	25099	19685	78%	6.8	3701	28204	22115	78%	7.2	3896
60%	0°F	14880	12090	81%	7.9	1888	16120	12710	79%	8.1	1987	17918	13826	77%	8.6	2092
	5°F	15861	12438	78%	8.1	1971	16768	13137	78%	8.1	2074	18465	14488	78%	8.5	2184
	14°F	16614	13030	78%	8.1	2054	17551	13760	78%	8.1	2162	19808	15536	78%	8.7	2276
	23°F	18202	14278	78%	8.5	2137	19469	15272	78%	8.7	2250	22308	17496	78%	9.4	2368
	32°F	18632	14615	78%	8.4	2221	20010	15696	78%	8.6	2338	23143	18153	78%	9.4	2460
	41°F	17080	13398	78%	7.4	2304	18459	14479	78%	7.6	2425	21516	16877	78%	8.4	2553
	50°F	15587	12226	78%	6.5	2387	16953	13298	78%	6.8	2513	19916	15622	78%	7.5	2645
	59°F	22073	17312	78%	8.9	2470	23610	18516	78%	9.1	2600	28858	20275	78%	9.5	2737
	68°F	24998	19606	78%	9.8	2554	26561	20829	78%	9.9	2688	28384	22262	78%	10.0	2829
	77°F	24703	19378	78%	9.4	2637	26274	20609	78%	9.5	2776	28123	22059	78%	9.6	2922
	86°F	23488	18419	78%	8.6	2721	25050	19650	78%	8.8	2863	27342	21444	78%	9.1	3014
	95°F	22229	17435	78%	8.0	2776	23783	18648	78%	8.1	2922	26040	20424	78%	8.5	3076
	104°F	21153	16591	78%	7.3	2915	22698	17804	78%	7.4	3068	25363	19896	78%	7.9	3229
	113°F	20068	15738	78%	6.6	3053	21613	16951	78%	6.7	3214	24287	19044	78%	7.2	3383

COOLING PERFORMANCE

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

EXTENDED RATINGS

MULTIU42HP230V1DO

Connected Capacity		HEATING PERFORMANCE													
		Outdoor Ambient Temperature		70°F (DB)						Return Air Temperature					
				TC (Btu/h)	COP(W/W)	Power Input (KW)	TC (Btu/h)	COP(W/W)	Power Input (W)	75°F (DB)		80°F (DB)			
DB	WB	TC (Btu/h)	COP(W/W)							TC (Btu/h)	COP(W/W)	Power Input (W)			
135%	-31°F	-32°F	27500	1.5	5500	27000	1.4	5520	26000	1.3	5850				
	-22°F	-22.5°F	29134	1.5	5571	28744	1.5	5727	27998	1.4	5909				
	-13°F	-14°F	32450	1.7	5651	31904	1.6	5808	30689	1.5	5993				
	-5°F	-6°F	37824	2.0	5635	37188	1.9	5792	35799	1.8	5796				
	0°F	-1°F	30672	1.8	5000	30273	1.7	5100	29507	1.7	5180				
	5°F	3°F	31200	1.8	5020	30794	1.8	5130	30014	1.7	5240				
	10°F	8°F	34313	1.8	5480	33866	1.8	5600	33009	1.7	5720				
	17°F	15°F	42723	2.2	5717	42011	2.1	5877	40352	2.0	6064				
	19°F	16°F	42686	2.3	5497	41988	2.2	5651	40320	2.0	5830				
	24°F	21°F	41296	2.2	5424	40671	2.1	5575	39250	2.0	5752				
	32°F	29°F	40132	2.3	5189	39589	2.2	5334	38348	2.0	5503				
	41°F	37°F	41630	2.4	5114	41141	2.3	5256	39959	2.2	5423				
	43°F	39°F	42751	2.5	5097	42248	2.4	5240	41093	2.2	5406				
	47°F	43°F	46460	2.6	5215	45655	2.5	5361	43789	2.3	5531				
	53°F	49°F	46920	2.9	4739	46101	2.8	4872	44234	2.6	5026				
	59°F	54°F	43198	2.7	4785	42435	2.5	4918	40703	2.4	5074				
64°F	59°F	44117	3.0	4388	43341	2.8	4510	41582	2.6	4654					
70°F	64°F	44945	3.0	4456	44169	2.8	4580	42358	2.6	4726					
75°F	69°F	45579	3.3	4072	44777	3.1	4185	42965	2.9	4318					
78°F	72°F	45993	3.3	4108	45191	3.1	4223	43353	2.9	4357					
120%	-31°F	-32°F	27500	1.5	5500	27000	1.4	5520	26000	1.3	5850				
	-22°F	-22.5°F	29134	1.5	5571	28744	1.5	5727	27998	1.4	5909				
	-13°F	-14°F	32450	1.7	5651	31904	1.6	5808	30689	1.5	5993				
	-5°F	-6°F	37824	2.0	5635	37188	1.9	5792	35799	1.8	5976				
	0°F	-1°F	30672	1.8	5000	30273	1.7	5100	29507	1.7	5180				
	5°F	3°F	31200	1.8	5020	30794	1.8	5130	30014	1.7	5240				
	10°F	8°F	34313	1.8	5480	33866	1.8	5600	33009	1.7	5720				
	17°F	15°F	42723	2.2	5717	42011	2.1	5877	40352	2.0	6064				
	19°F	16°F	42686	2.3	5497	41988	2.2	5651	40320	2.0	5830				
	24°F	21°F	41296	2.2	5424	40671	2.1	5575	39250	2.0	5752				
	32°F	29°F	40132	2.3	5189	39589	2.2	5334	38348	2.0	5503				
	41°F	37°F	41630	2.4	5114	41141	2.3	5256	39959	2.2	5423				
	43°F	39°F	42751	2.5	5097	42248	2.4	5240	41093	2.2	5406				
	47°F	43°F	46460	2.6	5215	45655	2.5	5361	43789	2.3	5531				
	53°F	49°F	46920	2.9	4739	46101	2.8	4872	44234	2.6	5026				
	59°F	54°F	43198	2.7	4785	42435	2.5	4918	40703	2.4	5074				
64°F	59°F	44117	3.0	4388	43341	2.8	4510	41582	2.6	4654					
70°F	64°F	44945	3.0	4456	44169	2.8	4580	42358	2.6	4726					
75°F	69°F	45579	3.3	4072	44777	3.1	4185	42965	2.9	4318					
78°F	72°F	45993	3.3	4108	45191	3.1	4223	43353	2.9	4357					

EXTENDED RATINGS

MULTIU42HP230V1DO

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

EXTENDED RATINGS

MULTIU42HP230V1DO

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

EXTENDED RATINGS

MULTIU42HP230V1DO

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



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