

EXTENDED RATINGS

FLEXE24HP230V1AH / FLEXE24HP230V1AO

Outdoor Ambient Temperature (DB)		COOLING PERFORMANCE																		
		Return Air Temperature												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 (Btu/h)	Power Input (W)	EER	SHR			
	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)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)
5°F	21000	14700	70.00%	13.38	1570	22500	15750	70.00%	13.47	1670	24000	16800	70.00%	13.56	1770	24000	16800	70.00%	13.56	1770
10°F	21000	14700	70.00%	13.29	1580	22500	15750	70.00%	13.39	1680	24000	16800	70.00%	13.48	1780	24000	16800	70.00%	13.48	1780
15°F	21000	14700	70.00%	13.21	1590	22500	15750	70.00%	13.31	1690	24000	16800	70.00%	13.41	1790	24000	16800	70.00%	13.41	1790
20°F	21000	14700	70.00%	13.13	1600	22500	15750	70.00%	13.24	1700	24000	16800	70.00%	13.33	1800	24000	16800	70.00%	13.33	1800
25°F	21000	14700	70.00%	13.04	1610	22500	15750	70.00%	13.16	1710	24000	16800	70.00%	13.26	1810	24000	16800	70.00%	13.26	1810
30°F	21000	14700	70.00%	12.96	1620	22500	15750	70.00%	13.08	1720	24000	16800	70.00%	13.19	1820	24000	16800	70.00%	13.19	1820
35°F	21000	14700	70.00%	12.80	1640	22500	15750	70.00%	12.93	1740	24000	16800	70.00%	13.04	1840	24000	16800	70.00%	13.04	1840
40°F	21000	14700	70.00%	12.65	1660	22500	15750	70.00%	12.78	1760	24000	16800	70.00%	12.90	1860	24000	16800	70.00%	12.90	1860
45°F	21000	14700	70.00%	12.50	1680	22500	15750	70.00%	12.64	1780	24000	16800	70.00%	12.77	1880	24000	16800	70.00%	12.77	1880
50°F	21000	14700	70.00%	12.28	1710	22500	15750	70.00%	12.43	1810	24000	16800	70.00%	12.57	1910	24000	16800	70.00%	12.57	1910
55°F	21000	14700	70.00%	12.07	1740	22500	15750	70.00%	12.23	1840	24000	16800	70.00%	12.37	1940	24000	16800	70.00%	12.37	1940
60°F	21000	14700	70.00%	11.86	1770	22500	15750	70.00%	12.03	1870	24000	16800	70.00%	12.18	1970	24000	16800	70.00%	12.18	1970
65°F	21300	15600	73.24%	11.83	1800	22900	16500	72.05%	12.05	1900	24500	17400	71.02%	12.25	2000	24500	17400	71.02%	12.25	2000
70°F	21500	15800	73.49%	11.75	1830	23250	16800	72.26%	12.05	1930	25000	17900	71.60%	12.32	2030	25000	17900	71.60%	12.32	2030
75°F	21500	16000	74.42%	11.56	1860	23250	17000	73.12%	11.86	1960	25000	18100	72.40%	12.14	2060	25000	18100	72.40%	12.14	2060
80°F	21000	15600	74.29%	11.73	1790	22500	16300	72.44%	11.90	1890	24000	17300	72.08%	12.06	1990	24000	17300	72.08%	12.06	1990
85°F	20600	15100	73.30%	11.08	1860	21800	16000	73.39%	11.12	1960	23000	16900	73.48%	11.17	2060	23000	16900	73.48%	11.17	2060
90°F	20600	15200	73.79%	10.67	1930	21800	16150	74.08%	10.74	2030	23000	17050	74.13%	10.80	2130	23000	17050	74.13%	10.80	2130
95°F	20600	15300	74.27%	10.35	1990	21800	16250	74.54%	10.43	2090	23000	17200	74.78%	10.50	2190	23000	17200	74.78%	10.50	2190
100°F	19450	14675	75.45%	9.40	2070	20725	15700	75.75%	9.55	2170	22000	16850	76.59%	9.69	2270	22000	16850	76.59%	9.69	2270
105°F	18300	14050	76.78%	8.51	2150	19650	15200	77.35%	8.73	2250	21000	16500	78.57%	8.94	2350	21000	16500	78.57%	8.94	2350
110°F	17250	13425	77.83%	7.74	2230	18675	14700	78.71%	8.02	2330	20100	16150	80.35%	8.27	2430	20100	16150	80.35%	8.27	2430
115°F	16100	12800	79.50%	6.97	2310	17600	14300	81.25%	7.30	2410	19100	15800	82.72%	7.61	2510	19100	15800	82.72%	7.61	2510

MAX OUTPUT*

*Maximum Output values are not based on AHRI test conditions

- LEGEND:** W - Watts
 DB - Dry Bulb
 TC - Total Capacity
 SC - Total Capacity
 SHR - Sensible Heat Ratio
 COP - Coefficient of Performance

HEATING PERFORMANCE											
Outdoor Ambient Temperature			Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
		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)	
MAX OUTPUT*	DB	WB									
	5°F	3°F	13100	1.75	2190	12170	1.62	2205	11135	1.47	2220
	10°F	8°F	13500	1.89	2090	12600	1.75	2110	11700	1.61	2130
	15°F	13°F	14000	2.07	1980	13180	1.93	2005	12370	1.79	2030
	17°F	15°F	14600	2.30	1860	13870	2.15	1890	13140	2.01	1920
	20°F	17°F	15500	2.54	1790	14720	2.37	1820	13950	2.21	1850
	25°F	22°F	15800	2.54	1820	15140	2.39	1855	14500	2.25	1890
	30°F	27°F	16200	2.58	1840	15660	2.44	1880	15100	2.30	1920
	35°F	33°F	16700	2.65	1850	16280	2.52	1895	15860	2.40	1940
	40°F	36°F	19000	2.83	1970	18620	2.70	2018	18240	2.59	2063
	45°F	41°F	21000	2.93	2100	20580	2.83	2131	20160	2.72	2176
	47°F	43°F	23000	3.08	2190	22770	2.99	2235	22540	2.90	2280
	50°F	46°F	24300	3.22	2210	24100	3.13	2255	23900	3.05	2300
	55°F	50°F	25600	3.36	2230	25400	3.27	2275	25260	3.19	2320
	60°F	55°F	27000	3.52	2250	26850	3.45	2280	26730	3.39	2310
65°F	60°F	27000	3.72	2130	26850	3.63	2165	26730	3.58	2190	
70°F	64°F	27000	3.90	2030	26850	3.84	2050	26730	3.77	2080	
75°F	69°F	27000	4.10	1930	26850	4.04	1950	26730	3.96	1980	

*Maximum Output values are not based on AHRI test conditions

LEGEND: W - Watts

DB - Dry Bulb

TC - Total Capacity

SC - Total Capacity

SHR - Sensible Heat Ratio

COP - Coefficient of Performance

EXTENDED RATINGS

FLEXE30HP230V1AH / FLEXE30HP230V1AO

Outdoor Ambient Temperature (DB)		COOLING PERFORMANCE														
		Return Air Temperature														
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)				
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)		
MAX OUTPUT*																
5°F	24310	17017	70.00%	11.46	2122	26450	18515	70.00%	12.30	2150	28600	20020	70.00%	13.05	2192	
10°F	24310	17017	70.00%	11.25	2160	26450	18515	70.00%	12.08	2190	28600	20020	70.00%	12.83	2230	
15°F	24310	17017	70.00%	11.20	2170	26450	18515	70.00%	12.00	2205	28600	20020	70.00%	12.77	2240	
20°F	24310	17017	70.00%	11.15	2180	26450	18515	70.00%	11.97	2210	28600	20020	70.00%	12.71	2250	
25°F	24310	17017	70.00%	11.10	2190	26450	18515	70.00%	11.91	2220	28600	20020	70.00%	12.65	2260	
30°F	24310	17017	70.00%	11.05	2200	26450	18515	70.00%	11.86	2230	28600	20020	70.00%	12.60	2270	
35°F	24310	17017	70.00%	10.95	2220	26450	18515	70.00%	11.76	2250	28600	20020	70.00%	12.49	2290	
40°F	24310	17017	70.00%	10.85	2240	26450	18515	70.00%	11.65	2270	28600	20020	70.00%	12.38	2310	
45°F	24310	17017	70.00%	10.76	2260	26450	18515	70.00%	11.55	2290	28600	20020	70.00%	12.27	2330	
50°F	24310	17017	70.00%	10.62	2290	26450	18515	70.00%	11.40	2320	28600	20020	70.00%	12.12	2360	
55°F	24310	17017	70.00%	10.48	2320	26450	18515	70.00%	11.26	2350	28600	20020	70.00%	11.97	2390	
60°F	24310	17017	70.00%	10.34	2350	26450	18515	70.00%	11.11	2380	28600	20020	70.00%	11.82	2420	
65°F	25230	17910	70.99%	10.60	2380	27115	19105	70.46%	11.25	2410	29000	20300	70.00%	11.84	2450	
70°F	26700	19000	71.16%	11.08	2410	28350	20080	70.83%	11.62	2440	30000	21130	70.43%	12.10	2480	
75°F	26700	19080	71.46%	11.13	2400	28350	20260	71.46%	11.67	2430	30000	21250	70.83%	12.15	2470	
80°F	26700	19100	71.54%	11.17	2390	28350	20300	71.60%	11.71	2420	30000	21270	70.90%	12.20	2460	
85°F	25740	18570	72.14%	10.17	2530	27170	19550	71.95%	10.61	2560	28600	20540	71.82%	11.26	2540	
90°F	25740	18600	72.26%	9.68	2660	27170	19550	72.32%	10.06	2700	28600	20670	72.27%	10.55	2710	
95°F	25740	18720	72.73%	9.23	2790	27170	19760	72.73%	9.61	2825	28600	20800	72.73%	10.00	2860	
100°F	25100	18740	74.66%	8.73	2875	26320	19640	74.62%	9.04	2910	27550	20550	74.59%	9.35	2945	
105°F	24400	18760	76.89%	8.24	2960	25480	19730	77.43%	8.51	2995	26500	20300	76.60%	8.75	3030	
110°F	23900	18870	78.95%	7.85	3045	24730	19400	78.45%	8.03	3080	25550	20050	78.47%	8.20	3115	
115°F	23275	18810	80.82%	7.44	3130	23900	19300	80.75%	7.55	3165	24500	19800	80.82%	7.66	3200	

*Maximum Output values are not based on AHRI test conditions

- LEGEND:** W - Watts
 DB - Dry Bulb
 TC - Total Capacity
 SC - Total Capacity
 SHR - Sensible Heat Ratio
 COP - Coefficient of Performance

HEATING PERFORMANCE											
Outdoor Ambient Temperature			Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
			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)
MAX OUTPUT*	DB	WB									
	5°F	3°F	16100	1.76	2680	14890	1.62	2690	13680	1.48	2710
	10°F	8°F	16830	1.83	2700	15710	1.69	2720	14600	1.56	2740
	15°F	13°F	17660	1.90	2720	16640	1.78	2745	15620	1.65	2770
	17°F	15°F	18600	2.00	2730	17670	1.88	2760	16740	1.76	2790
	20°F	17°F	19650	2.30	2500	18670	2.16	2530	17685	2.02	2560
	25°F	22°F	20830	2.40	2540	19980	2.27	2575	19130	2.15	2610
	30°F	27°F	22110	2.52	2570	21400	2.40	2610	20670	2.29	2650
	35°F	33°F	23500	2.66	2592	22910	2.55	2635	22320	2.44	2680
	40°F	36°F	25000	2.73	2688	24500	2.63	2731	24000	2.53	2776
	45°F	41°F	26800	2.83	2774	26260	2.73	2818	25720	2.64	2860
	47°F	43°F	28600	2.94	2850	28310	2.87	2895	28030	2.79	2940
	50°F	46°F	29360	3.00	2870	29100	2.93	2915	28880	2.86	2960
	55°F	50°F	30130	3.06	2890	29900	2.99	2935	29730	2.92	2980
	60°F	55°F	31000	3.12	2910	30840	3.07	2940	30690	3.03	2970
65°F	60°F	31000	3.29	2765	30840	3.24	2793	30690	3.19	2820	
70°F	64°F	31000	3.46	2625	30840	3.41	2650	30690	3.36	2680	
75°F	69°F	31000	3.65	2490	30840	3.59	2520	30690	3.54	2540	

*Maximum Output values are not based on AHRI test conditions

LEGEND: W - Watts

DB - Dry Bulb

TC - Total Capacity

SC - Total Capacity

SHR - Sensible Heat Ratio

COP - Coefficient of Performance

EXTENDED RATINGS

FLEXE36HP230V1AH / FLEXE36HP230V1AO

Outdoor Ambient Temperature (DB)		COOLING PERFORMANCE																							
		Return Air Temperature																							
		70°F (DB) / 59°F (WB)						75°F (DB) / 63°F (WB)						80°F (DB) / 67°F (WB)											
	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)	TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)					
5°F	27000	18900	70.00%	11.59	2330	29350	20545	70.00%	12.41	2365	31700	22190	70.00%	13.21	2400	31700	22190	70.00%	13.21	2400	31700	22190	70.00%	13.21	2400
10°F	27000	18900	70.00%	11.49	2350	29350	20545	70.00%	12.36	2375	31700	22190	70.00%	13.15	2410	31700	22190	70.00%	13.15	2410	31700	22190	70.00%	13.15	2410
15°F	27000	18900	70.00%	11.44	2360	29350	20545	70.00%	12.31	2385	31700	22190	70.00%	13.10	2420	31700	22190	70.00%	13.10	2420	31700	22190	70.00%	13.10	2420
20°F	27000	18900	70.00%	11.39	2370	29350	20545	70.00%	12.25	2395	31700	22190	70.00%	13.05	2430	31700	22190	70.00%	13.05	2430	31700	22190	70.00%	13.05	2430
25°F	27000	18900	70.00%	11.34	2380	29350	20545	70.00%	12.20	2405	31700	22190	70.00%	12.99	2440	31700	22190	70.00%	12.99	2440	31700	22190	70.00%	12.99	2440
30°F	27000	18900	70.00%	11.30	2390	29350	20545	70.00%	12.15	2415	31700	22190	70.00%	12.94	2450	31700	22190	70.00%	12.94	2450	31700	22190	70.00%	12.94	2450
35°F	27000	18900	70.00%	11.20	2410	29350	20545	70.00%	12.05	2435	31700	22190	70.00%	12.83	2470	31700	22190	70.00%	12.83	2470	31700	22190	70.00%	12.83	2470
40°F	27000	18900	70.00%	11.11	2430	29350	20545	70.00%	11.96	2455	31700	22190	70.00%	12.78	2480	31700	22190	70.00%	12.78	2480	31700	22190	70.00%	12.78	2480
45°F	27000	18900	70.00%	11.02	2450	29350	20545	70.00%	11.86	2475	31700	22190	70.00%	12.73	2490	31700	22190	70.00%	12.73	2490	31700	22190	70.00%	12.73	2490
50°F	27000	18900	70.00%	10.89	2480	29350	20545	70.00%	11.72	2505	31700	22190	70.00%	12.58	2520	31700	22190	70.00%	12.58	2520	31700	22190	70.00%	12.58	2520
55°F	27000	18900	70.00%	10.76	2510	29350	20545	70.00%	11.58	2535	31700	22190	70.00%	12.43	2550	31700	22190	70.00%	12.43	2550	31700	22190	70.00%	12.43	2550
60°F	27000	18900	70.00%	10.63	2540	29350	20545	70.00%	11.44	2565	31700	22190	70.00%	12.33	2570	31700	22190	70.00%	12.33	2570	31700	22190	70.00%	12.33	2570
65°F	27600	19600	71.01%	10.74	2570	29650	20900	70.49%	11.43	2595	31700	22190	70.00%	12.01	2640	31700	22190	70.00%	12.01	2640	31700	22190	70.00%	12.01	2640
70°F	29400	20950	71.26%	11.35	2590	31200	22100	70.83%	11.89	2625	33000	23250	70.45%	12.41	2660	33000	23250	70.45%	12.41	2660	33000	23250	70.45%	12.41	2660
75°F	30260	21700	71.71%	11.59	2610	32130	22820	71.02%	12.15	2645	34000	24075	70.81%	12.69	2680	34000	24075	70.81%	12.69	2680	34000	24075	70.81%	12.69	2680
80°F	31150	22290	71.56%	12.07	2580	33000	23500	71.21%	12.62	2615	35000	24800	70.86%	13.21	2650	35000	24800	70.86%	13.21	2650	35000	24800	70.86%	13.21	2650
85°F	30600	22060	72.09%	10.77	2840	32300	23230	71.92%	11.23	2875	34000	24400	71.76%	11.93	2850	34000	24400	71.76%	11.93	2850	34000	24400	71.76%	11.93	2850
90°F	30600	22150	72.39%	9.90	3090	32300	23350	72.29%	10.34	3125	34000	24550	72.21%	11.06	3075	34000	24550	72.21%	11.06	3075	34000	24550	72.21%	11.06	3075
95°F	30600	22230	72.65%	9.19	3330	32300	23460	72.63%	9.59	3365	34000	24700	72.65%	10.00	3400	34000	24700	72.65%	10.00	3400	34000	24700	72.65%	10.00	3400
100°F	28750	21375	74.35%	8.77	3280	30170	22420	74.31%	9.10	3315	31600	23475	74.29%	9.43	3350	31600	23475	74.29%	9.43	3350	31600	23475	74.29%	9.43	3350
105°F	26880	20520	76.34%	8.32	3230	28040	21380	76.25%	8.59	3265	29200	22250	76.20%	8.85	3300	29200	22250	76.20%	8.85	3300	29200	22250	76.20%	8.85	3300
110°F	25130	19665	78.25%	7.90	3180	26000	20340	78.23%	8.09	3215	26900	21025	78.16%	8.28	3250	26900	21025	78.16%	8.28	3250	26900	21025	78.16%	8.28	3250
115°F	23270	18810	80.83%	7.43	3130	23880	19300	80.82%	7.55	3165	24500	19800	80.82%	7.66	3200	24500	19800	80.82%	7.66	3200	24500	19800	80.82%	7.66	3200

MAX OUTPUT*

*Maximum Output values are not based on AHRI test conditions

- LEGEND:** W - Watts
 DB - Dry Bulb
 TC - Total Capacity
 SC - Total Capacity
 SHR - Sensible Heat Ratio
 COP - Coefficient of Performance

HEATING PERFORMANCE											
Outdoor Ambient Temperature			Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
			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)
MAX OUTPUT*	DB	WB									
	5°F	3°F	18700	1.76	3110	17300	1.62	3125	15895	1.48	3140
	10°F	8°F	18700	1.85	2966	17450	1.71	2986	16200	1.58	3006
	15°F	13°F	18800	1.96	2810	17700	1.76	2940	16600	1.70	2863
	17°F	15°F	19000	2.10	2650	18050	1.78	2980	17100	1.85	2710
	20°F	17°F	22150	2.06	3158	21050	1.93	3190	19935	1.82	3218
	25°F	22°F	24180	2.24	3165	23210	2.13	3195	22230	2.02	3225
	30°F	27°F	26320	2.45	3149	25480	2.34	3190	24630	2.23	3230
	35°F	33°F	28560	2.67	3130	27850	2.57	3175	27130	2.47	3220
	40°F	36°F	30100	2.73	3230	29500	2.64	3270	28900	2.55	3320
	45°F	41°F	31800	2.82	3310	31160	2.72	3360	30530	2.63	3407
	47°F	43°F	34000	2.93	3396	33660	2.87	3440	33320	2.80	3486
	50°F	46°F	34900	2.99	3416	34670	2.94	3460	34390	2.87	3506
	55°F	50°F	35900	3.06	3436	35700	3.01	3480	35460	2.95	3526
	60°F	55°F	37000	3.14	3456	36815	3.10	3485	36630	3.05	3516
65°F	60°F	37000	3.30	3283	36815	3.26	3310	36630	3.21	3340	
70°F	64°F	37000	3.48	3120	36815	3.43	3145	36630	3.38	3173	
75°F	69°F	37000	3.66	2965	36815	3.61	2990	36630	3.56	3014	

*Maximum Output values are not based on AHRI test conditions

LEGEND: W - Watts

DB - Dry Bulb

TC - Total Capacity

SC - Total Capacity

SHR - Sensible Heat Ratio

COP - Coefficient of Performance

EXTENDED RATINGS

FLEXE42HP230V1AH / FLEXE42HP230V1AO

Outdoor Ambient Temperature (DB)		COOLING PERFORMANCE													
		Return Air Temperature						80°F (DB) / 67°F (WB)							
		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 (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)	
MAX OUTPUT*															
5°F	34000	23800	70.00%	11.41	2980	37000	25900	70.00%	12.27	3015	40000	28000	70.00%	13.11	3050
10°F	34000	23800	70.00%	11.22	3030	37000	25900	70.00%	12.07	3065	40000	28000	70.00%	12.90	3100
15°F	34000	23800	70.00%	11.18	3040	37000	25900	70.00%	12.03	3075	40000	28000	70.00%	12.86	3110
20°F	34000	23800	70.00%	11.15	3050	37000	25900	70.00%	11.99	3085	40000	28000	70.00%	12.82	3120
25°F	34000	23800	70.00%	11.11	3060	37000	25900	70.00%	11.95	3095	40000	28000	70.00%	12.78	3130
30°F	34000	23800	70.00%	11.07	3070	37000	25900	70.00%	11.92	3105	40000	28000	70.00%	12.74	3140
35°F	34000	23800	70.00%	11.00	3090	37000	25900	70.00%	11.84	3125	40000	28000	70.00%	12.66	3160
40°F	34000	23800	70.00%	10.93	3110	37000	25900	70.00%	11.76	3145	40000	28000	70.00%	12.58	3180
45°F	34000	23800	70.00%	10.86	3130	37000	25900	70.00%	11.69	3165	40000	28000	70.00%	12.50	3200
50°F	34000	23800	70.00%	10.76	3160	37000	25900	70.00%	11.58	3195	40000	28000	70.00%	12.38	3230
55°F	34000	23800	70.00%	10.66	3190	37000	25900	70.00%	11.47	3225	40000	28000	70.00%	12.27	3260
60°F	34000	23800	70.00%	10.56	3220	37000	25900	70.00%	11.37	3255	40000	28000	70.00%	12.16	3290
65°F	34800	24700	70.98%	10.71	3250	37400	26350	70.45%	11.39	3285	40000	28000	70.00%	12.05	3320
70°F	36490	25940	71.09%	11.13	3280	38745	27370	70.64%	11.69	3315	41000	28811	70.27%	12.24	3350
75°F	37380	26640	71.27%	10.96	3410	39690	28170	70.98%	11.52	3445	42000	29703	70.72%	12.07	3480
80°F	38270	27250	71.20%	10.90	3510	40635	28790	70.85%	11.46	3545	43000	30332	70.54%	12.01	3580
85°F	36000	25700	71.39%	9.84	3660	38000	27070	71.24%	10.28	3695	42000	29855	71.08%	11.44	3670
90°F	36000	25750	71.53%	9.47	3800	38000	27140	71.42%	9.91	3835	41000	29255	71.35%	10.68	3840
95°F	36000	25785	71.63%	9.16	3930	38000	27210	71.61%	9.58	3965	40000	28650	71.63%	10.00	4000
100°F	33860	24860	73.42%	8.50	3983	35540	26080	73.38%	8.85	4017	37225	27300	73.34%	9.19	4052
105°F	31720	23930	75.44%	7.86	4035	33090	24940	75.37%	8.13	4070	34450	25950	75.33%	8.39	4105
110°F	29700	23010	77.47%	7.27	4088	30730	23805	77.47%	7.46	4122	31775	24600	77.42%	7.64	4157
115°F	27550	22090	80.18%	6.65	4140	28275	22670	80.18%	6.77	4175	29000	23250	80.17%	6.89	4210

*Maximum Output values are not based on AHRI test conditions

- LEGEND:** W - Watts
 DB - Dry Bulb
 TC - Total Capacity
 SC - Total Capacity
 SHR - Sensible Heat Ratio
 COP - Coefficient of Performance

HEATING PERFORMANCE											
Outdoor Ambient Temperature			Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
		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)	
MAX OUTPUT*	DB	WB									
	5°F	3°F	23500	1.79	3850	21737	1.65	3865	19975	1.51	3880
	10°F	8°F	23900	1.92	3640	22308	1.79	3660	20717	1.65	3680
	15°F	13°F	24400	2.09	3420	22980	1.96	3445	21560	1.82	3470
	17°F	15°F	25000	2.30	3190	23750	2.16	3220	22500	2.03	3250
	20°F	17°F	26000	2.14	3553	24700	2.02	3583	23400	1.90	3613
	25°F	22°F	27753	2.25	3608	26623	2.14	3643	25494	2.03	3680
	30°F	27°F	29606	2.37	3654	28647	2.27	3695	27688	2.17	3735
	35°F	33°F	31560	2.51	3690	30771	2.41	3735	29982	2.32	3780
	40°F	36°F	34000	2.58	3856	33320	2.50	3900	32640	2.42	3945
	45°F	41°F	37000	2.70	4010	36260	2.62	4060	35520	2.54	4100
	47°F	43°F	40000	2.82	4160	39600	2.76	4205	39200	2.70	4250
	50°F	46°F	41300	2.90	4180	40960	2.84	4225	40620	2.79	4270
	55°F	50°F	42600	2.96	4213	42320	2.92	4245	42040	2.87	4290
	60°F	55°F	44000	3.00	4300	43780	2.96	4330	43560	2.93	4360
65°F	60°F	44000	3.16	4085	43780	3.12	4114	43560	3.08	4142	
70°F	64°F	44000	3.32	3880	43780	3.28	3908	43560	3.24	3935	
75°F	69°F	44000	3.50	3686	43780	3.46	3712	43560	3.41	3740	

*Maximum Output values are not based on AHRI test conditions

LEGEND: W - Watts

DB - Dry Bulb

TC - Total Capacity

SC - Total Capacity

SHR - Sensible Heat Ratio

COP - Coefficient of Performance

EXTENDED RATINGS

FLEXE48HP230V1AH / FLEXE48HP230V1AO

COOLING PERFORMANCE

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 (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)
5°F	34760	24332	70.00%	10.05	3460	37830	26481	70.00%	10.82	3495	40900	28630	70.00%	11.59	3530
10°F	34760	24332	70.00%	9.96	3490	37830	26481	70.00%	9.04	4185	40900	28630	70.00%	11.49	3560
15°F	34760	24332	70.00%	9.90	3510	37830	26481	70.00%	9.02	4195	40900	28630	70.00%	11.42	3580
20°F	34760	24332	70.00%	9.82	3540	37830	26481	70.00%	9.00	4205	40900	28630	70.00%	11.33	3610
25°F	34760	24332	70.00%	9.60	3620	37830	26481	70.00%	8.98	4215	40900	28630	70.00%	11.08	3690
30°F	34760	24332	70.00%	9.42	3690	37830	26481	70.00%	8.95	4225	40900	28630	70.00%	10.88	3760
35°F	34760	24332	70.00%	8.98	3870	37830	26481	70.00%	8.91	4245	40900	28630	70.00%	10.38	3940
40°F	34760	24332	70.00%	9.03	3850	37830	26481	70.00%	8.87	4265	40900	28630	70.00%	10.43	3920
45°F	34760	24332	70.00%	8.84	3930	37830	26481	70.00%	8.83	4285	40900	28630	70.00%	10.23	4000
50°F	34760	24332	70.00%	8.67	4010	37830	26481	70.00%	8.77	4315	40900	28630	70.00%	10.02	4080
55°F	34760	24332	70.00%	8.60	4040	37830	26481	70.00%	8.71	4345	40900	28630	70.00%	9.95	4110
60°F	34760	24332	70.00%	8.44	4120	37830	26481	70.00%	8.65	4375	40900	28630	70.00%	9.76	4190
65°F	37320	26500	71.01%	8.68	4300	40110	28265	70.47%	9.11	4405	42900	30030	70.00%	9.82	4370
70°F	40050	28475	71.10%	9.10	4400	42525	30044	70.65%	9.59	4435	45000	31617	70.26%	10.07	4470
75°F	42720	30440	71.25%	9.43	4530	45360	32180	70.94%	9.94	4565	48000	33933	70.69%	10.43	4600
80°F	44500	31681	71.19%	9.53	4670	47250	33470	70.84%	10.04	4705	50000	25260	50.52%	10.55	4740
85°F	41400	29551	71.38%	8.48	4880	43700	31114	71.20%	8.89	4918	46000	32680	71.04%	9.41	4890
90°F	41400	29589	71.47%	8.14	5086	43700	31195	71.38%	8.54	5120	46000	32800	71.30%	9.03	5095
95°F	41400	29628	71.57%	7.84	5280	43700	31274	71.57%	8.22	5315	46000	32920	71.57%	8.60	5350
100°F	39750	29822	75.02%	7.82	5082	41710	30743	73.71%	8.15	5115	43665	32165	73.66%	8.47	5153
105°F	38111	29016	76.14%	7.80	4885	39720	30210	76.06%	8.07	4920	41330	31410	76.00%	8.34	4955
110°F	36565	28710	78.52%	7.80	4687	37830	29680	78.46%	8.01	4723	39095	30655	78.41%	8.22	4758
115°F	34922	28405	81.34%	7.78	4490	35841	29150	81.33%	7.92	4525	36760	29900	81.34%	8.06	4560

MAX OUTPUT*

*Maximum Output values are not based on AHRI test conditions

- LEGEND:** W - Watts
 DB - Dry Bulb
 TC - Total Capacity
 SC - Total Capacity
 SHR - Sensible Heat Ratio
 COP - Coefficient of Performance

HEATING PERFORMANCE											
Outdoor Ambient Temperature			Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
			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)
MAX OUTPUT*	DB	WB									
	5°F	3°F	26200	1.61	4760	24235	1.49	4775	22270	1.36	4790
	10°F	8°F	26000	1.74	4390	24290	1.61	4414	22550	1.49	4430
	15°F	13°F	25970	1.90	4016	24445	1.77	4041	22920	1.65	4070
	17°F	15°F	26000	2.10	3630	24700	1.98	3660	23400	1.86	3690
	20°F	17°F	30500	2.28	3920	28975	2.15	3950	27450	2.02	3980
	25°F	22°F	32000	2.36	3967	30720	2.25	4000	29410	2.14	4030
	30°F	27°F	33670	2.47	4000	32570	2.36	4040	31470	2.26	4080
	35°F	33°F	35400	2.57	4030	34515	2.48	4075	33630	2.39	4120
	40°F	36°F	38900	2.62	4350	38122	2.54	4395	37344	2.47	4440
	45°F	41°F	42470	2.67	4660	41620	2.59	4705	40770	2.52	4750
	47°F	43°F	46000	2.72	4960	45540	2.67	5005	45080	2.62	5050
	50°F	46°F	47300	2.78	4980	46910	2.74	5025	46520	2.69	5070
	55°F	50°F	48600	2.85	5000	48280	2.80	5045	47960	2.76	5090
	60°F	55°F	50000	2.90	5050	49750	2.87	5080	49500	2.84	5110
65°F	60°F	50000	3.05	4798	49750	3.02	4826	49500	2.99	4854	
70°F	64°F	50000	3.19	4600	49750	3.18	4584	49500	3.15	4610	
75°F	69°F	50000	3.35	4370	49750	3.35	4350	49500	3.31	4380	

*Maximum Output values are not based on AHRI test conditions

LEGEND: W - Watts

DB - Dry Bulb

TC - Total Capacity

SC - Total Capacity

SHR - Sensible Heat Ratio

COP - Coefficient of Performance

EXTENDED RATINGS

FLEXE60HP230V1AH / FLEXE60HP230V1AO

Outdoor Ambient Temperature (DB)		COOLING PERFORMANCE													
		Return Air Temperature						80°F (DB) / 67°F (WB)							
		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 (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)	
MAX OUTPUT*															
5°F	38250	26600	69.54%	10.54	3630	41625	28800	69.19%	11.36	3665	45000	31000	68.89%	12.16	3700
10°F	38250	26600	69.54%	10.42	3670	41625	28800	69.19%	10.24	4065	45000	31000	68.89%	12.03	3740
15°F	38250	26600	69.54%	10.31	3710	41625	28800	69.19%	10.21	4075	45000	31000	68.89%	11.90	3780
20°F	38250	26600	69.54%	10.20	3750	41625	28800	69.19%	10.19	4085	45000	31000	68.89%	11.78	3820
25°F	38250	26600	69.54%	10.07	3800	41625	28800	69.19%	10.16	4095	45000	31000	68.89%	11.63	3870
30°F	38250	26600	69.54%	9.99	3830	41625	28800	69.19%	10.14	4105	45000	31000	68.89%	11.54	3900
35°F	38250	26600	69.54%	9.88	3870	41625	28800	69.19%	10.09	4125	45000	31000	68.89%	11.42	3940
40°F	38250	26600	69.54%	9.81	3900	41625	28800	69.19%	10.04	4145	45000	31000	68.89%	11.34	3970
45°F	38250	26600	69.54%	9.66	3960	41625	28800	69.19%	9.99	4165	45000	31000	68.89%	11.17	4030
50°F	38250	26600	69.54%	9.54	4010	41625	28800	69.19%	9.92	4195	45000	31000	68.89%	11.03	4080
55°F	38250	26600	69.54%	9.47	4040	41625	28800	69.19%	9.85	4225	45000	31000	68.89%	10.95	4110
60°F	38250	26600	69.54%	9.28	4120	41625	28800	69.19%	9.78	4255	45000	31000	68.89%	10.74	4190
65°F	39150	27790	70.98%	9.37	4180	42075	29395	69.86%	9.82	4285	45000	31000	68.89%	10.59	4250
70°F	43610	30850	70.74%	10.19	4280	46305	32310	69.78%	10.73	4315	49000	33800	68.98%	11.26	4350
75°F	47170	26900	57.03%	10.53	4480	50085	34900	69.68%	11.09	4515	53000	36640	69.13%	11.65	4550
80°F	50730	35750	70.47%	10.84	4680	53865	37550	69.71%	11.42	4715	57000	39370	69.07%	12.00	4750
85°F	48600	34000	69.96%	9.92	4900	51600	35700	69.19%	10.45	4940	54000	37400	69.26%	10.99	4915
90°F	48600	33870	69.69%	9.49	5120	51600	35660	69.11%	10.00	5158	54000	37450	69.35%	10.54	5125
95°F	48600	33750	69.44%	9.12	5330	51600	35625	69.04%	9.56	5365	54000	37500	69.44%	10.00	5400
100°F	46685	33625	72.03%	9.10	5130	49205	35250	71.64%	9.53	5165	51275	36875	71.92%	9.86	5200
105°F	44770	33500	74.83%	9.08	4930	46810	34875	74.50%	9.43	4965	48550	36250	74.67%	9.71	5000
110°F	42955	33375	77.70%	9.08	4730	44515	34500	77.50%	9.34	4765	45925	35625	77.57%	9.57	4800
115°F	41040	33250	81.02%	9.06	4530	42120	34125	81.02%	9.23	4565	43200	35000	81.02%	9.39	4600

*Maximum Output values are not based on AHRI test conditions

- LEGEND:** W - Watts
 DB - Dry Bulb
 TC - Total Capacity
 SC - Total Capacity
 SHR - Sensible Heat Ratio
 COP - Coefficient of Performance

HEATING PERFORMANCE											
Outdoor Ambient Temperature			Return Air Temperature								
			70°F (DB)			75°F (DB)			80°F (DB)		
			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)
MAX OUTPUT*	DB	WB									
	5°F	3°F	31500	1.78	5200	29138	1.64	5215	26775	1.50	5230
	10°F	8°F	30900	1.88	4810	28825	1.75	4830	26750	1.62	4850
	15°F	13°F	30400	2.02	4410	28613	1.89	4435	26825	1.76	4460
	17°F	15°F	30000	2.20	4000	28500	2.07	4030	27000	1.95	4060
	20°F	17°F	31800	2.27	4100	30210	2.14	4130	28620	2.02	4160
	25°F	22°F	34200	2.34	4290	32813	2.22	4327	31425	2.11	4362
	30°F	27°F	36700	2.41	4470	35515	2.31	4514	34330	2.21	4555
	35°F	33°F	39300	2.48	4647	38318	2.39	4692	37335	2.31	4737
	40°F	36°F	44210	2.64	4900	43326	2.57	4945	42442	2.49	4991
	45°F	41°F	49110	2.79	5150	48128	2.72	5190	47146	2.64	5236
	47°F	43°F	54000	2.94	5380	53460	2.89	5425	52920	2.84	5470
	50°F	46°F	55630	3.02	5400	55175	2.97	5445	54717	2.92	5490
	55°F	50°F	57260	3.10	5420	56890	3.05	5465	56513	3.01	5510
	60°F	55°F	59000	3.18	5440	58705	3.15	5470	58410	3.11	5500
65°F	60°F	59000	3.35	5168	58705	3.31	5195	58410	3.28	5225	
70°F	64°F	59000	3.52	4910	58705	3.49	4935	58410	3.45	4964	
75°F	69°F	59000	3.71	4665	58705	3.67	4688	58410	3.63	4716	

*Maximum Output values are not based on AHRI test conditions

LEGEND: W - Watts

DB - Dry Bulb

TC - Total Capacity

SC - Total Capacity

SHR - Sensible Heat Ratio

COP - Coefficient of Performance