



Electrical Data Supplement

FOR MODELS PRODUCED ON OR AFTER JULY 30, 2012 ONLY!

NOTE: Read the entire instruction manual before starting the installation

This supplement only applies to 548J size 17 and 24 units manufactured on or after July 30, 2012. To confirm the date of manufacture of a 548J unit, locate the unit nameplate and check the first four digits of the Serial Number. If the number listed in the first 4 digits of the Serial Number is 3112 or higher **KEEP THIS DOCUMENT** and use it along with the furnished Installation Instructions. See Fig. 1 for location of the nameplate; the Serial Number is located directly below the unit's Model Number.

SERIAL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10
Example:	3	1	1	2	U	1	2	3	4	5

Week of manufacture (fiscal calendar)										Sequence number
Year of manufacture ("12" = 2012)										
										Manufacturing location

C12562

To select which tables apply to a given unit, check the 6th and 7th digits of the Model Number to determine the unit's size (Cooling Tons) and the 17th digit to determine the if the unit is equipped with the 2-speed indoor fan motor option.

MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Example:	5	4	8	J	E	2	4	D	0	0	0	A	1	A	0	A	D

Cooling Tons 17 - 15 ton 24 - 20 ton	Packaging & 2 Speed Indoor Fan Motor Options A = Standard Packaging D = Standard Packaging and 2 Speed Indoor Fan Motor
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C12609

SAFETY CONSIDERATIONS

Improper installation, adjustment, alteration, service, maintenance, or use can cause explosion, fire, electrical shock or other conditions which may cause personal injury or property damage. Consult a qualified installer, service agency, or your distributor or branch for information or assistance. The qualified installer or agency must use factory-authorized kits or accessories when modifying this product. Refer to the individual instructions packaged with the kits or accessories when installing.

Follow all safety codes. Wear safety glasses and work gloves. Use quenching cloths for brazing operations and have a fire extinguisher available. Read these instructions thoroughly and follow all warnings or cautions attached to the unit. Consult local building codes and appropriate national electrical codes (in USA, ANSI/NFPA70, National Electrical Code (NEC); in Canada, CSA C22.1) for special requirements.

It is important to recognize safety information. This is the safety-alert symbol . When you see this symbol on the unit and in instructions or manuals, be alert to the potential for personal injury.

Understand the signal words DANGER, WARNING, CAUTION, and NOTE. These words are used with the safety-alert symbol. DANGER identifies the most serious hazards which **will** result in severe personal injury or death. WARNING signifies hazards which **could** result in personal injury or death. CAUTION is used to identify unsafe practices, which **may** result in minor personal

injury or product and property damage. NOTE is used to highlight suggestions which **will** result in enhanced installation, reliability, or operation.

CAUTION

ELECTRICAL HAZARD

Failure to follow this caution may result in personal injury or product and property damage.

The electrical data contained in this document is only for use with 548J size 17 and 24 units manufactured on or after July 30, 2012. Check the first 4 digits of the unit's Serial Number (located on the unit's nameplate) if the number listed is 3112 or higher keep this document.

See Fig. 1 for location of the unit's nameplate. The Serial Number is located directly below the unit's Model Number.

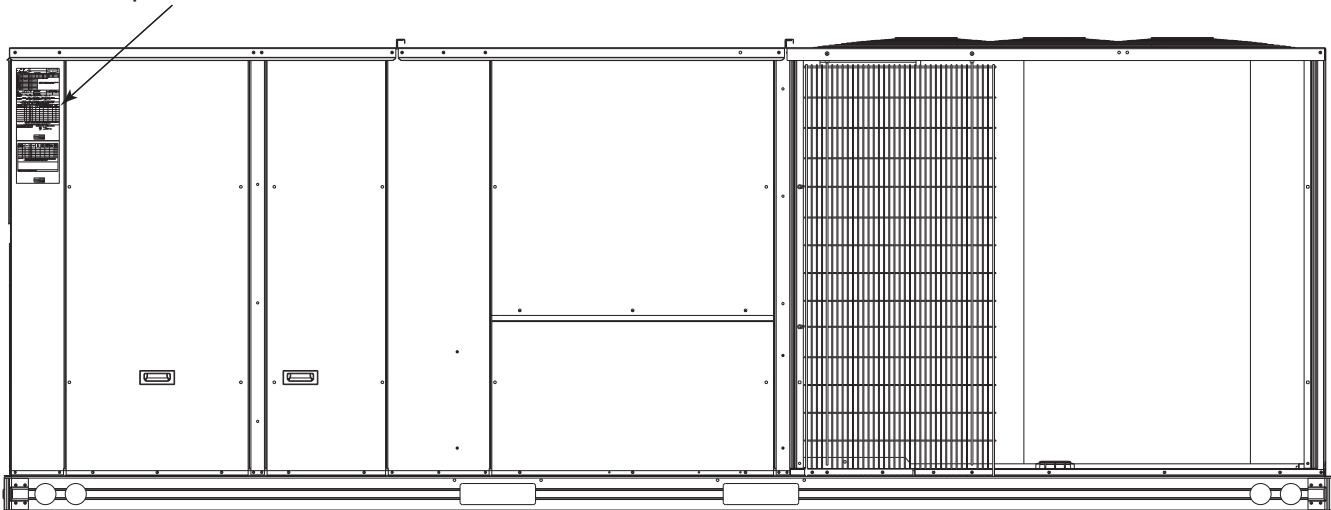
WARNING

ELECTRICAL SHOCK HAZARD

Failure to follow this warning could cause personal injury or death.

Before performing service or maintenance operations on unit, always turn off main power switch to unit and install lockout tag. Unit may have more than one power switch.

Nameplate Location



C11006

Fig. 1 - Location of Unit Nameplate

Table 1 – Unit Wire/Fuse or HACR Breaker Sizing Data

UNIT	IFM TYPE	ELEC. HTR		NO C.O. or UNPWR C.O.						w/ PWRD C.O.								
		CRHEATER***A00	Nom (kW)	FLA	NO PE.			w/ PE. (pwrd fr/unit)			NO PE.			w/ PE. (pwrd fr/unit)				
					MCA	FUSE or HACR BRKR	DISC. SIZE	FLA	LRA	MCA	FUSE or HACR BRKR	DISC. SIZE	FLA	LRA	MCA	FUSE or HACR BRKR	DISC. SIZE	FLA
	STD	NONE	—	—	69.2/69.1	90/90	72/72	409	86/86	429	74.0/73.9	90/90	78/78	414	85.8/85.7	100/100	91/91	434
		279A00	18.8/25.0	52.1/60.1	134.3/144.2	150/150	132/141	461/469	146.1/156.0	150/175	146/155	481/489	139.1/149.0	150/150	150.9/160.8	175/175	151/160	486/494
		280A00	37.6/50.0	104.2/120.3	199.4/189.4	200/200	192/211	513/529	211.2/201.2	225/225	206/224	533/549	204.2/194.2	225/225	216.0/206.0	225/225	211/230	538/554
		281A00	56.3/75.0	156.4/180.4	225.6/249.5	250/300	252/280	565/589	237.4/261.3	250/300	266/293	585/609	230.4/254.3	250/300	258/285	242.2/266.1	250/300	271/299
208-230-3-60	MED	NONE	—	—	71.4	90	75	423	88	443	76.2	100	80	428	88.0	100	94	448
		279A00	18.8/25.0	52.1/60.1	136.5/146.5	150/150	135/144	475/483	148.3/158.3	150/175	148/158	495/503	141.3/151.3	150/175	153.1/163.1	175/175	154/163	500/508
		280A00	37.6/50.0	104.2/120.3	201.6/191.7	225/200	195/213	527/543	213.4/203.5	225/225	208/227	547/563	206.4/196.5	225/225	218.2/208.3	225/225	214/232	552/568
		281A00	56.3/75.0	156.4/180.4	227.8/251.8	250/300	255/282	579/603	239.6/263.6	250/300	268/296	599/623	232.6/256.6	250/300	260/288	244.4/268.4	300/300	274/301
	HIGH	NONE	—	—	74.4/73.5	90/90	78/77	425	92/91	445	79.2/78.3	100/100	84/83	430	91.0/90.1	100/100	97/96	450
		279A00	18.8/25.0	52.1/60.1	139.5/148.6	150/150	138/146	477/485	151.3/160.4	175/175	152/160	497/505	144.3/153.4	150/175	156.1/165.2	175/175	157/165	502/510
		280A00	37.6/50.0	104.2/120.3	204.6/193.8	225/225	198/216	529/545	216.4/205.6	225/225	212/229	549/565	209.4/198.6	225/225	221.2/210.4	225/225	217/235	554/570
		281A00	56.3/75.0	156.4/180.4	230.8/253.9	250/300	258/285	581/605	242.6/265.7	250/300	272/298	601/625	235.6/258.7	250/300	264/290	247.4/270.5	300/300	277/304
548J-17	STD	NONE	—	—	34.4	45	36	242	43	254	36.6	50	39	244	42.8	50	46	256
		282A00	25.0	30.1	72.0	80	71	272	78.2	80	78	74.2	80	73	80.4	90	80	286
		283A00	50.0	60.1	94.5	100	105	302	100.7	110	112	96.7	100	108	102.9	110	115	316
		284A00	75.0	90.2	124.6	150	140	332	130.8	150	147	126.8	150	142	133.0	150	149	346
	MED	NONE	—	—	35.5	45	37	249	44	261	37.7	50	45	251	43.9	50	47	263
		282A00	25.0	30.1	73.1	80	72	279	79.3	80	79	75.3	80	74	81.5	90	82	293
		283A00	50.0	60.1	95.6	100	106	309	101.8	110	114	97.8	110	109	104.0	110	116	323
		284A00	75.0	90.2	125.7	150	141	339	131.9	150	148	127.9	150	144	134.1	150	151	353
	HIGH	NONE	—	—	36.6	45	39	250	46	262	38.8	50	50	252	45.0	50	48	264
		282A00	25.0	30.1	74.2	80	73	280	80.4	90	80	76.4	80	76	82.6	90	83	294
		283A00	50.0	60.1	96.7	100	108	310	102.9	110	115	98.9	110	110	105.1	110	117	324
		284A00	75.0	90.2	126.8	150	142	340	133.0	150	149	129.0	150	145	135.2	150	152	354
	STD	NONE	—	—	24.9	30	26	184	32	192	26.6	35	30	186	31.4	40	33	194
		285A00	24.8	23.9	54.7	60	53	208	59.5	60	59	56.4	60	55	61.2	70	61	218
		286A00	49.6	47.7	84.5	90	81	232	89.3	90	86	86.2	90	83	91.0	100	88	242
		287A00	74.4	71.6	96.5	100	108	256	101.3	110	114	98.2	110	110	103.0	110	116	266
	MED	NONE	—	—	24.9	30	26	184	32	192	26.6	35	30	186	31.4	40	33	194
		285A00	24.8	23.9	54.7	60	53	208	59.5	60	59	56.4	60	55	61.2	70	61	218
		286A00	49.6	47.7	84.5	90	81	232	89.3	90	86	86.2	90	83	91.0	100	88	242
		287A00	74.4	71.6	96.5	100	108	256	101.3	110	114	98.2	110	110	103.0	110	116	266
	HIGH	NONE	—	—	27.7	30	29	198	35	206	29.4	40	35	200	34.2	40	37	208
		285A00	24.8	23.9	57.5	60	57	222	62.3	70	62	59.2	60	59	64.0	70	64	232
		286A00	49.6	47.7	87.3	90	84	246	92.1	100	90	89.0	90	86	93.8	100	92	256
		287A00	74.4	71.6	99.3	110	112	270	104.1	110	117	101.0	110	114	105.8	110	119	280

See: "Legend and Notes for Tables 1 and 2" on page 7.

Table 1 - Unit Wire/Fuse or HACR Breaker Sizing Data (cont)

UNIT	NO M. V-PH-HZ	ELEC. HTR			NO C.O. or UNPWR C.O.						w/ PWRD C.O.					
		CRHEATER***A00	Nom (kW)	FLA	NO P.E.			w/ P.E. (pwrd fr/unit)			NO P.E.			w/ P.E. (pwrd fr/unit)		
					MCA	FUSE or BRKR	DISC. SIZE	MCA	FUSE or BRKR	FUSE or BRKR	MCA	DISC. SIZE	LRA	MCA	FUSE or BRKR	DISC. SIZE
							FLA	LRA	FLA	LRA		FLA	LRA		FLA	LRA
548J*24	460-3-60	STD	NONE	-	91.3/90.4	100/100	95/94	564	103.1/102.2	125/125	109/108	584	96.1/95.2	125/125	101/100	569
			279A00	18.8/25.0	52.1/60.1	175/175	155/164	616/624	168.3/177.4	175/200	169/177	636/644	161.3/170.4	175/175	161/169	621/629
			280A00	37.6/50.0	104.2/120.3	225/225	215/233	668/684	233.4/222.5	250/250	229/246	688/704	226.4/215.5	250/225	221/238	673/689
			281A00	56.3/75.0	156.4/180.4	300/300	275/302	720/744	259.5/282.6	300/300	289/315	740/764	252.5/275.6	300/300	281/307	725/749
548J*24	208/230-3-60	MED	NONE	-	94.8	125	99	560	106.6	125	113	580	99.6	125	105	566
			279A00	18.8/25.0	52.1/60.1	175/175	159/169	612/620	171.8/181.8	175/200	173/182	632/640	164.8/174.8	175/175	165/174	617/625
			280A00	37.6/50.0	104.2/120.3	250/225	219/238	664/680	236.9/226.9	250/250	233/251	684/700	229.9/219.9	250/250	225/243	669/685
			281A00	56.3/75.0	156.4/180.4	300/300	279/307	716/740	263.0/287.0	300/300	293/321	736/760	256.0/280.0	300/300	285/312	721/745
548J*24	460-3-60	HIGH	NONE	-	106.2	125	113	639	118.0	150	126	659	111.0	125	118	644
			279A00	18.8/25.0	52.1/60.1	175/200	173/182	691/699	183.2/193.2	200/200	186/195	711/719	176.2/186.2	200/200	178/187	696/704
			280A00	37.6/50.0	104.2/120.3	250/250	232/251	743/759	248.3/238.3	250/250	246/265	763/779	241.3/231.3	250/250	238/256	748/764
			281A00	56.3/75.0	156.4/180.4	300/300	292/320	795/819	274.4/298.4	300/350	306/334	815/839	267.4/291.4	300/300	298/326	800/824
548J*24	460-3-60	STD	NONE	-	49.1	60	51	291	55.3	60	58	303	51.3	60	54	293
			282A00	25.0	30.1	90	86	321	92.9	100	93	333	88.9	90	88	323
			283A00	50.0	60.1	125	120	351	115.4	125	128	363	111.4	125	123	353
			284A00	75.0	90.2	150	155	381	145.5	150	162	393	141.5	150	158	383
548J*24	460-3-60	MED	NONE	-	51.3	60	54	289	57.5	70	61	301	53.5	60	56	291
			282A00	25.0	30.1	90	88	319	95.1	100	96	331	91.1	100	91	321
			283A00	50.0	60.1	125	123	349	117.6	125	130	361	113.6	125	125	351
			284A00	75.0	90.2	150	158	379	147.7	175	165	391	143.7	150	160	381
548J*24	460-3-60	HIGH	NONE	-	57.0	70	60	329	63.2	80	68	341	59.2	70	63	331
			282A00	25.0	30.1	100	95	359	100.8	110	102	371	96.8	100	98	361
			283A00	50.0	60.1	125	129	389	123.3	150	137	401	119.3	125	132	391
			284A00	75.0	90.2	175	164	419	153.4	175	171	431	149.4	175	167	421
548J*24	575-3-60	STD	NONE	-	36.2	45	38	204	41.0	50	43	212	37.9	50	40	206
			285A00	24.8	23.9	70	65	228	70.9	80	71	236	67.8	70	67	230
			286A00	49.6	47.7	100	93	252	100.6	110	98	260	97.5	100	95	254
			287A00	74.4	71.6	125	120	276	112.6	125	126	284	109.5	125	122	278
548J*24	575-3-60	MED	NONE	-	38.2	50	40	202	43.0	50	46	210	39.9	50	42	204
			285A00	24.8	23.9	70	68	226	72.9	80	73	234	69.8	70	70	228
			286A00	49.6	47.7	100	95	250	102.6	110	101	258	99.5	100	97	252
			287A00	74.4	71.6	125	123	274	114.6	125	128	282	111.5	125	125	276
548J*24	575-3-60	HIGH	NONE	-	40.1	50	42	229	44.9	50	48	237	41.8	50	44	231
			285A00	24.8	23.9	70	70	253	74.8	80	75	261	71.7	80	72	255
			286A00	49.6	47.7	100	97	277	104.5	110	103	285	101.4	110	99	279
			287A00	74.4	71.6	125	125	301	116.5	125	130	309	113.4	125	127	303

See: "Legend and Notes for Tables 1 and 2" on page 7.

Table 2 – Unit Wire/Fuse or HACR Breaker Sizing Data with Factory Installed 2 Speed Indoor Fan Option

UNIT	NO M. V-Ph-HZ	IFM TYPE	ELEC. HTR		NO C.O. or UNPWR C.O.						w/ PWRD C.O.									
			CRHEATER***A00	Nom (kW)	FLA	NO P.E.			w/ P.E. (pwrd fr/unit)			NO P.E.			w/ P.E. (pwrd fr/unit)					
						MCA	FUSE or HACR BRKR	DISC. SIZE	FLA	LRA	MCA	FUSE or HACR BRKR	DISC. SIZE	FLA	LRA	MCA	FUSE or HACR BRKR	DISC. SIZE	FLA	LRA
STD			NONE	—	—	69.4/68.6	90/90	73/72	390	86/85	410	86/85	410	395	86.0/85.2	100/100	92/91	415		
			279A00	18.8/25.0	52.1/60.1	134.5/143.7	150/150	132/141	442/450	146/154	462/470	139.3/148.5	150/150	447/455	151.1/160.3	175/175	152/160	467/475		
			280A00	37.6/50.0	104.2/120.3	199.6/188.9	200/200	192/210	494/510	208/224	514/530	204.4/193.7	225/200	499/515	216.2/205.5	225/225	211/229	519/535		
			281A00	56.3/75.0	156.4/180.4	225.8/249.0	250/300	252/279	546/570	266/293	566/590	230.6/253.8	250/300	551/575	242.4/265.6	250/300	272/298	571/595		
MED			NONE	—	—	71.6/70.6	90/90	75/74	414	89/88	434	89/88	434	419	88.2/87.2	100/100	94/93	439		
			279A00	18.8/25.0	52.1/60.1	136.7/145.7	150/150	135/143	466/474	148.5/157.5	150/175	149/157	486/494	141.5/150.5	150/175	471/479	153.3/162.3	175/175	154/162	491/499
			280A00	37.6/50.0	104.2/120.3	201.8/190.9	225/200	195/212	518/534	208/226	538/554	206.6/195.7	225/225	523/539	218.4/207.5	225/225	214/231	543/559		
			281A00	56.3/75.0	156.4/180.4	228.0/251.0	250/300	255/281	570/594	269/295	590/614	232.8/255.8	250/300	575/599	244.6/267.6	300/300	274/300	595/619		
HIGH			NONE	—	—	74.4/73.5	90/90	78/77	425	92/91	445	92/91	445	430	91.0/90.1	100/100	97/96	450		
			279A00	18.8/25.0	52.1/60.1	139.5/148.6	150/150	138/146	477/485	151.3/160.4	175/175	149/157	497/505	144.3/153.4	150/175	482/490	156.1/165.2	175/175	157/165	502/510
			280A00	37.6/50.0	104.2/120.3	204.6/193.8	225/225	198/216	529/545	216.4/205.6	225/225	212/229	549/565	209.4/198.6	225/225	534/550	221.2/210.4	225/225	217/235	554/570
			281A00	56.3/75.0	156.4/180.4	230.8/253.9	250/300	258/285	581/605	242.6/265.7	250/300	272/298	601/625	235.6/258.7	250/300	586/610	247.4/270.5	300/300	277/304	606/630
STD			NONE	—	—	34.0	45	36	233	43	245	43	245	36.2	45	50	45	247		
			282A00	25.0	30.1	71.6	80	70	263	77	275	73.8	80	73	265	80.0	80	80	277	
			283A00	50.0	60.1	94.1	100	105	293	112	305	96.3	100	107	295	102.5	110	114	307	
			284A00	75.0	90.2	124.2	150	139	323	146	335	126.4	150	142	325	132.6	150	149	337	
MED			NONE	—	—	35.1	45	37	245	44	257	44	257	37.3	45	50	46	259		
			282A00	25.0	30.1	72.7	80	71	275	79	287	74.9	80	74	277	81.1	90	81	289	
			283A00	50.0	60.1	95.2	100	106	305	113	317	97.4	110	108	307	103.6	110	116	319	
			284A00	75.0	90.2	125.3	150	141	335	148	347	127.5	150	143	337	133.7	150	150	349	
HIGH			NONE	—	—	36.6	45	39	250	46	262	46	262	38.8	50	50	48	264		
			282A00	25.0	30.1	74.2	80	73	280	80	292	76.4	80	76	282	82.6	90	83	294	
			283A00	50.0	60.1	96.7	100	108	310	115	322	98.9	110	110	312	105.1	110	117	324	
			284A00	75.0	90.2	126.8	150	142	340	149	352	129.0	150	145	342	135.2	150	152	354	
STD			NONE	—	—	26.6	30	28	184	33	192	33	192	28.3	35	40	35	194		
			285A00	24.8	23.9	56.4	60	55	208	61	216	58.1	60	57	210	62.9	70	63	218	
			286A00	49.6	47.7	86.2	90	83	232	88	240	87.9	90	85	234	92.7	100	90	242	
			287A00	74.4	71.6	98.2	110	110	256	116	264	99.9	110	112	258	104.7	110	118	266	
MED			NONE	—	—	26.6	30	28	184	33	192	33	192	28.3	35	40	35	194		
			285A00	24.8	23.9	56.4	60	55	208	61	216	58.1	60	57	210	62.9	70	63	218	
			286A00	49.6	47.7	86.2	90	83	232	88	240	87.9	90	85	234	92.7	100	90	242	
			287A00	74.4	71.6	98.2	110	110	256	116	264	99.9	110	112	258	104.7	110	118	266	
HIGH			NONE	—	—	28.3	35	30	198	35	206	35	206	30.0	40	40	37	208		
			285A00	24.8	23.9	58.1	60	57	222	63	230	59.8	60	59	224	64.6	70	65	232	
			286A00	49.6	47.7	87.9	90	85	246	90	254	89.6	90	87	248	94.4	100	92	256	
			287A00	74.4	71.6	99.9	110	112	270	118	278	101.6	110	114	272	106.4	110	120	280	

See: "Legend and Notes for Tables 1 and 2" on page 7.

Table 2 - Unit Wire/Fuse or HACR Breaker Sizing Data with Factory Installed 2 Speed Indoor Fan Option (cont)

UNIT	NO M. V-PH-HZ	ELEC. HTR			NO C.O. or UNPWR C.O.						w/ PWRD C.O.					
		CRHEATER***A00	Nom (kW)	FLA	NO P.E.			w/ P.E. (pwrd fr/unit)			NO P.E.			w/ P.E. (pwrd fr/unit)		
					MCA	FUSE or BRKR	DISC. SIZE	MCA	FUSE or BRKR	MCA	FUSE or BRKR	DISC. SIZE	MCA	FUSE or BRKR	DISC. SIZE	FLA
STD	208/230-3-60	NONE	-	-	91.3/90.4	100/100	95/94	564	109/108	584	125/125	101/100	569	107.9/107.0	125/125	115/114
		279A00	18.8/25.0	52.1/60.1	156.5/165.6	175/175	155/164	616/624	169/177	636/644	175/200	161/169	621/629	173.1/182.2	175/200	174/183
		280A00	37.6/50.0	104.2/120.3	221.6/210.7	225/225	215/233	668/684	229/246	688/704	250/250	221/238	673/689	238.2/227.3	250/250	234/252
		281A00	56.3/75.0	156.4/180.4	247.7/270.8	300/300	275/302	720/744	289/315	740/764	300/300	281/307	725/749	264.3/287.4	300/300	294/321
MED	208/230-3-60	NONE	-	-	94.8	125	99	560	113	580	125	105	565	111.4	125	119
		279A00	18.8/25.0	52.1/60.1	160.0/170.0	175/175	159/169	612/620	173/182	632/640	175/200	165/174	617/625	176.9/186.6	200/200	178/188
		280A00	37.6/50.0	104.2/120.3	225.1/215.1	250/225	219/238	664/680	233/251	684/700	250/250	225/243	669/685	241.7/231.7	250/250	238/257
		281A00	56.3/75.0	156.4/180.4	251.2/275.2	300/300	279/307	716/740	293/321	736/760	300/300	285/312	721/745	267.8/291.8	300/350	298/326
HIGH	208/230-3-60	NONE	-	-	106.2	125	113	639	126	659	125	118	644	122.8	150	132
		279A00	18.8/25.0	52.1/60.1	171.4/181.4	175/200	173/182	691/699	186/195	711/719	200/200	178/187	696/704	188.0/198.0	200/200	192/201
		280A00	37.6/50.0	104.2/120.3	236.5/226.5	250/250	232/251	743/759	246/265	763/779	250/250	238/256	748/764	253.1/243.1	300/300	252/270
		281A00	56.3/75.0	156.4/180.4	282.6/286.6	300/300	292/320	795/819	306/334	815/839	300/350	298/326	800/824	279.2/303.2	300/350	312/339
STD	460-3-60	NONE	-	-	49.1	60	51	291	58	303	60	54	293	57.5	70	61
		282A00	25.0	30.1	86.7	90	86	321	93	333	90	88	323	95.1	100	96
		283A00	50.0	60.1	109.2	125	120	351	128	363	125	123	353	117.6	125	130
		284A00	75.0	90.2	139.3	150	155	381	162	393	150	158	383	147.7	175	165
MED	460-3-60	NONE	-	-	51.3	60	54	289	61	301	60	56	291	59.7	70	63
		282A00	25.0	30.1	88.9	90	88	319	96	331	90	91	321	97.3	100	98
		283A00	50.0	60.1	111.4	125	123	349	130	361	125	125	351	119.8	125	133
		284A00	75.0	90.2	141.5	150	158	379	165	391	150	160	381	149.9	175	167
HIGH	460-3-60	NONE	-	-	57.0	70	60	329	68	341	70	63	331	65.4	80	70
		282A00	25.0	30.1	94.6	100	95	359	102	371	100	98	361	103.0	110	105
		283A00	50.0	60.1	117.1	125	129	389	137	401	125	132	391	125.5	150	139
		284A00	75.0	90.2	147.2	175	164	419	171	431	175	167	421	155.6	175	174
STD	575-3-60	NONE	-	-	36.8	45	39	204	44	212	50	41	206	43.3	50	46
		285A00	24.8	23.9	66.7	70	66	228	72	236	70	68	230	73.2	80	74
		286A00	49.6	47.7	96.4	100	93	252	99	260	100	95	254	102.9	110	101
		287A00	74.4	71.6	108.4	125	121	276	127	284	125	123	278	114.9	125	128
MED	575-3-60	NONE	-	-	38.2	50	40	202	46	210	50	42	204	44.7	50	48
		285A00	24.8	23.9	68.1	70	68	226	73	234	70	70	228	74.6	80	75
		286A00	49.6	47.7	97.8	100	95	250	101	258	100	97	252	104.3	110	103
		287A00	74.4	71.6	109.8	125	123	274	128	282	125	125	276	116.3	125	130
HIGH	575-3-60	NONE	-	-	40.1	50	42	229	48	237	50	44	231	46.6	50	50
		285A00	24.8	23.9	70.0	70	70	253	75	261	80	72	255	76.5	80	77
		286A00	49.6	47.7	99.7	100	97	277	103	285	110	99	279	106.2	110	105
		287A00	74.4	71.6	111.7	125	125	301	130	309	125	127	303	118.2	125	132

See: "Legend and Notes for Tables 1 and 2" on page 7.

Legend and Notes for Tables 1 and 2

LEGEND:

BRKR	–	Circuit breaker
CO	–	Convenience outlet
DISC	–	Disconnect
FLA	–	Full load amps
IFM	–	Indoor fan motor
LRA	–	Locked rotor amps
MCA	–	Minimum circuit amps
PE	–	Power exhaust
PWRD CO	–	Powered convenient outlet
UNPWR CO	–	Unpowered convenient outlet



NOTES:

1. In compliance with NEC requirements for multimotor and combination load equipment (refer to NEC Articles 430 and 440), the overcurrent protective device for the unit shall be fuse or HACR breaker. Canadian units may be fuse or circuit breaker.

2. Unbalanced 3-Phase Supply Voltage

Never operate a motor where a phase imbalance in supply voltage is greater than 2%. Use the following formula to determine the percentage of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{\text{max voltage deviation from average voltage}}{\text{average voltage}}$$

Example: Supply voltage is 230-3-60



AB = 224 v
BC = 231 v
AC = 226 v

$$\begin{aligned} \text{Average Voltage} &= \frac{(224 + 231 + 226)}{3} = \frac{681}{3} \\ &= 227 \end{aligned}$$

Determine maximum deviation from average voltage.

(AB) $227 - 224 = 3 \text{ v}$

(BC) $231 - 227 = 4 \text{ v}$

(AC) $227 - 226 = 1 \text{ v}$

Maximum deviation is 4 v.

Determine percent of voltage imbalance.

$$\begin{aligned} \% \text{ Voltage Imbalance} &= 100 \times \frac{4}{227} \\ &= 1.76\% \end{aligned}$$

This amount of phase imbalance is satisfactory as it is below the maximum allowable 2%.

IMPORTANT: If the supply voltage phase imbalance is more than 2%, contact your local electric utility company immediately.

