

**48/50TC 15–27.5 Nominal Tons  
Single Package Rooftop, Vertical Air Flow  
Gas Heating/Electric Cooling Unit  
& Cooling Only/Electric Heat Unit  
with Puron® (R–410A) Refrigerant  
Sizes: 17–30**



## Electrical Data Supplement

**FOR MODELS PRODUCED ON OR AFTER JUNE 1, 2015 ONLY!**

**NOTE:** Read the entire instruction manual before starting the installation

This supplement only applies to 48/50TC Vertical Air Flow size 17-30 units manufactured on or after June 1, 2015. To confirm the date of manufacture of the unit, locate the unit nameplate and check the first four digits of the Serial Number which is located directly below the unit's Model Number at the top of the nameplate. If the number listed in the first 4 digits of the Serial Number is 2315 or higher KEEP THIS DOCUMENT and use it along with the furnished Installation Instructions.

### SERIAL NUMBER NOMENCLATURE

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


  

Week of manufacture (fiscal calendar)	Sequence number
Year of manufacture ("15" = 2015)	Manufacturing location

### 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.

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### 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 48/50TC size 17-30 units manufactured on or after June 1, 2015. Check the first 4 digits of the unit's Serial Number (located on the unit's nameplate) if the number listed is 2315 or higher keep this document.

### 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.

**Table 1 – 48TC 17-30 Unit Wire/Fuse or HACR Breaker Sizing Data - Single Speed Indoor Fan Motor**

UNIT	NOM. V-Ph-Hz	IFM TYPE	NO C.O. or UNPWR C.O.						w/ PWRD C.O.										
			NO PE.			w/ PE. (pwrd fr/ unit)			NO PE.			w/ PE. (pwrd fr/ unit)							
			MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA					
48TC**17	208/230-3-60	STD	80.0/79.9	100/100	83/83	501	91.8/91.7	100/100	97/97	521	84.8/84.7	100/100	89/89	506	96.6/96.5	125/125	102/102	526	
		MED	82.2	100	86	515	94.0	110	99	531	87.0	100	91	520	98.8	125	105	540	
	460-3-60	HIGH	85.2/84.3	100/100	89/88	517	97.0/96.1	125/125	103/102	537	90.0/89.1	100/100	95/94	522	101.8/100.9	125/125	108/107	542	
		STD	42.5	50	44	251	48.7	60	51	263	44.7	60	47	253	50.9	60	54	265	
	48TC**20	208/230-3-60	MED	43.6	60	45	258	49.8	60	52	270	45.8	60	48	260	52.0	60	55	272
			HIGH	44.7	60	47	259	50.9	60	54	271	46.9	60	49	261	53.1	60	56	273
460-3-60		STD	32.1	40	33	188	36.9	45	39	196	33.8	45	35	190	38.6	50	41	198	
		MED	32.1	40	33	188	36.9	45	39	196	33.8	45	35	190	38.6	50	41	198	
575-3-60		HIGH	34.9	45	37	202	39.7	50	42	210	36.6	45	39	204	41.4	50	44	212	
		STD	82.2	100	86	515	94.0	110	99	535	87.0	100	91	520	98.8	125	105	540	
48TC**24	208/230-3-60	MED	88.7	100	93	513	100.5	125	107	533	93.5	110	99	518	105.3	125	112	538	
		HIGH-High Efficiency	88.7	100	93	513	100.5	125	107	533	93.5	110	99	518	105.3	125	112	538	
	460-3-60	STD	43.6	60	45	258	49.8	60	52	270	45.8	60	48	260	52.0	60	55	272	
		MED	46.9	60	49	257	53.1	60	56	269	49.1	60	52	259	55.3	60	59	271	
	575-3-60	HIGH-High Efficiency	46.9	60	49	257	53.1	60	56	269	49.1	60	52	259	55.3	60	59	271	
		STD	32.1	40	33	188	36.9	45	39	196	33.8	45	35	190	38.6	50	41	198	
48TC**24	208/230-3-60	MED	34.9	45	37	202	39.7	50	42	210	36.6	45	39	204	41.4	50	44	212	
		HIGH-High Efficiency	36.9	45	39	200	41.7	50	44	208	38.6	50	41	202	43.4	50	46	210	
	460-3-60	STD	109.2/108.3	150/150	112/111	540	121.0/120.1	150/150	125/124	560	114.0/113.1	150/150	117/116	545	125.8/124.9	150/150	131/130	565	
		MED-High Efficiency	112.7	150	116	536	124.5	150	129	556	117.5	150	121	541	129.3	175	135	561	
	575-3-60	HIGH-High Efficiency	124.1	150	129	615	135.9	175	142	635	128.9	175	134	620	140.7	175	148	640	
		STD	48.0	60	50	272	54.2	60	57	284	50.2	60	52	274	56.4	70	59	286	
48TC**24	208/230-3-60	MED-High Efficiency	50.2	60	52	270	56.4	70	59	282	52.4	60	55	272	58.6	70	62	284	
		HIGH-High Efficiency	55.9	70	59	310	62.1	80	66	322	58.1	70	61	312	64.3	80	69	324	
	460-3-60	STD	38.6	50	40	224	43.4	50	46	232	40.3	50	42	226	45.1	50	48	234	
		MED-High Efficiency	40.6	50	42	222	45.4	60	48	230	42.3	50	44	224	47.1	60	50	232	
	575-3-60	HIGH-High Efficiency	42.5	50	45	249	47.3	60	50	257	44.2	50	47	251	49.0	60	52	259	

See: "Legend and Notes for Tables 1 - 4" on page 16.

**Table 1 - 48TC 17-30 Unit Wire/Fuse or HACR Breaker Sizing Data - Single Speed Indoor Fan Motor (cont)**

UNIT	NOM. V-Ph-Hz	IFM TYPE	NO C.O. or UNPWR C.O.						w/ PWRD C.O.									
			NO PE.			w/ PE. (pwrdr fr/ unit)			NO PE.			w/ PE. (pwrdr fr/ unit)						
			MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA				
48TC**28	208/230-3-60	STD	127.8/126.9	175/175	133/132	590	139.6/138.7	175/175	147/146	610	132.6/131.7	175/175	139/138	595	144.4/143.5	175/175	152/151	615
		MED-High Efficiency	131.3	175	137	586	143.1	175	151	606	136.1	175	143	591	147.9	175	156	611
		HIGH-High Efficiency	142.7	175	150	665	154.5	200	164	685	147.5	175	156	670	159.3	200	169	690
		STD	51.9	60	54	302	58.1	70	61	314	54.1	60	57	304	60.3	70	64	316
	460-3-60	MED-High Efficiency	54.1	60	57	300	60.3	70	64	312	56.3	70	59	302	62.5	80	66	314
		HIGH-High Efficiency	59.8	70	63	340	66.0	80	70	352	62.0	80	66	342	68.2	80	73	354
		STD	41.1	50	43	244	45.9	60	49	252	42.8	50	45	246	47.6	60	50	254
		MED-High Efficiency	43.1	50	45	242	47.9	60	51	250	44.8	50	47	244	49.6	60	53	252
	575-3-60	HIGH-High Efficiency	45.0	50	47	269	49.8	60	53	277	46.7	60	49	271	51.5	60	55	279
		STD	141.5	175	148	702	153.3	200	162	722	146.3	175	154	707	158.1	200	167	727
		MED-High Efficiency	152.9	200	161	781	164.7	200	175	801	157.7	200	167	786	169.5	200	180	806
		HIGH-High Efficiency	154.8	200	163	812	166.6	200	177	832	159.6	200	169	817	171.4	200	182	837
48TC**30	208/230-3-60	STD	66.0	80	69	354	72.2	90	76	366	68.2	90	72	356	74.4	90	79	368
		MED-High Efficiency	71.7	90	76	394	77.9	100	83	406	73.9	90	78	396	80.1	100	85	408
		HIGH-High Efficiency	72.6	90	77	409	78.8	100	84	421	74.8	90	79	411	81.0	100	86	423
		STD	56.0	70	59	264	60.8	80	64	272	57.7	70	61	266	62.5	80	66	274
	460-3-60	MED-High Efficiency	57.9	70	61	291	62.7	80	66	299	59.6	70	63	293	64.4	80	68	301
		HIGH-High Efficiency	60.8	80	64	302	65.6	80	70	310	62.5	80	66	304	67.3	80	72	312

See: "Legend and Notes for Tables 1 - 4" on page 16.

**Table 2 – 48TC 17-30 Unit Wire/Fuse or HACR Breaker Sizing Data - 2-Speed Indoor Fan Motor**

UNIT	NOM. V-Ph-Hz	IFM TYPE	NO C.O. or UNPWR C.O.						w/ PWRD C.O.									
			NO PE.			w/ PE. (pwrd fr/ unit)			NO PE.			w/ PE. (pwrd fr/ unit)						
			MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA				
48TC**17	208/230-3-60	STD	80.2/79.4	100/100	84/83	482	92.0/91.2	100/100	97/96	502	85.0/84.2	100/100	89/88	487	96.8/96.0	125/125	103/102	507
		MED	82.4/81.4	100/100	86/85	506	94.2/93.2	110/110	100/99	526	87.2/86.2	100/100	92/91	511	99.0/98.0	125/125	105/104	531
		HIGH	85.2/84.3	100/100	89/88	517	97.0/96.1	125/125	103/102	537	90.0/89.1	100/100	95/94	522	101.8/100.9	125/125	108/107	542
	460-3-60	STD	42.1	50	44	242	48.3	60	51	254	44.3	60	46	244	50.5	60	53	256
		MED	43.2	50	45	254	49.4	60	52	266	45.4	60	47	256	51.6	60	55	268
		HIGH	44.7	60	47	259	50.9	60	54	271	46.9	60	49	261	53.1	60	56	273
48TC**20	575-3-60	STD	33.8	45	35	188	38.6	50	41	196	35.5	45	37	190	40.3	50	43	198
		MED	33.8	45	35	188	38.6	50	41	196	35.5	45	37	190	40.3	50	43	198
		HIGH	35.5	45	37	202	40.3	50	43	210	37.2	45	39	204	42.0	50	45	212
	208/230-3-60	STD	82.4/81.4	100/100	86/85	506	94.2/93.2	110/110	100/99	526	87.2/86.2	100/100	92/91	511	99.0/98.0	125/125	105/104	531
		MED	85.2/84.3	100/100	89/88	517	97.0/96.1	125/125	103/102	537	90.0/89.1	100/100	95/94	522	101.8/100.9	125/125	108/107	542
		HIGH	88.7	100	93	513	100.5	125	107	533	93.5	110	99	518	105.3	125	112	538
48TC**24	208/230-3-60	STD	43.2	50	45	254	49.4	60	52	266	45.4	60	47	256	51.6	60	55	268
		MED	44.7	60	47	259	50.9	60	54	271	46.9	60	49	261	53.1	60	56	273
		HIGH	46.9	60	49	257	53.1	60	56	269	49.1	60	52	259	55.3	60	59	271
	575-3-60	STD	33.8	45	35	188	38.6	50	41	196	35.5	45	37	190	40.3	50	43	198
		MED	35.5	45	37	202	40.3	50	43	210	37.2	45	39	204	42.0	50	45	212
		HIGH	36.9	45	39	200	41.7	50	44	208	38.6	50	41	202	43.4	50	46	210
48TC**24	208/230-3-60	STD	109.2/108.3	150/150	112/111	540	121.0/120.1	150/150	125/124	560	114.0/113.1	150/150	117/116	545	125.8/124.9	150/150	131/130	565
		MED	112.7	150	116	536	124.5	150	129	556	117.5	150	121	541	129.3	175	135	561
		HIGH	124.1	150	129	615	135.9	175	142	635	128.9	175	134	620	140.7	175	148	640
	460-3-60	STD	48.0	60	50	272	54.2	60	57	284	50.2	60	52	274	56.4	70	59	286
		MED	50.2	60	52	270	56.4	70	59	282	52.4	60	55	272	58.6	70	62	284
		HIGH	55.9	70	59	310	62.1	80	66	322	58.1	70	61	312	64.3	80	69	324
575-3-60	STD	39.2	50	41	224	44.0	50	46	232	40.9	50	43	226	45.7	60	48	234	
	MED	40.6	50	42	222	45.4	60	48	230	42.3	50	44	224	47.1	60	50	232	
	HIGH	42.5	50	45	249	47.3	60	50	257	44.2	50	47	251	49.0	60	52	259	

See: "Legend and Notes for Tables 1 - 4" on page 16.

**Table 2 - 48TC 17-30 Unit Wire/Fuse or HACR Breaker Sizing Data - 2-Speed Indoor Fan Motor (cont)**

UNIT	NOM. V-Ph-Hz	IFM TYPE	NO C.O. or UNPWR C.O.						w/ PWRD C.O.									
			NO PE.			w/ PE. (pwrd fr/ unit)			NO PE.			w/ PE. (pwrd fr/ unit)						
			MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA LRA				
48TC**28	208/230-3-60	STD	127.8/126.9	175/175	133/132	590	139.6/138.7	175/175	147/146	610	132.6/131.7	175/175	139/138	595	144.4/143.5	175/175	152/151	615
		MED	131.3	175	137	586	143.1	175	151	606	136.1	175	143	591	147.9	175	156	611
		HIGH	142.7	175	150	665	154.5	200	164	685	147.5	175	156	670	159.3	200	169	690
	460-3-60	STD	51.9	60	54	302	58.1	70	61	314	54.1	60	57	304	60.3	70	64	316
		MED	54.1	60	57	300	60.3	70	64	312	56.3	70	59	302	62.5	80	66	314
		HIGH	59.8	70	63	340	66.0	80	70	352	62.0	80	66	342	68.2	80	73	354
48TC**30	208/230-3-60	STD	41.7	50	44	244	46.5	60	49	252	43.4	50	46	246	48.2	60	51	254
		MED	43.1	50	45	242	47.9	60	51	250	44.8	50	47	244	49.6	60	53	252
		HIGH	45.0	50	47	269	49.8	60	53	277	46.7	60	49	271	51.5	60	55	279
	460-3-60	STD	141.5	175	148	702	153.3	200	162	722	146.3	175	154	707	158.1	200	167	727
		MED	152.9	200	161	781	164.7	200	175	801	157.7	200	167	786	169.5	200	180	806
		HIGH	154.8	200	163	812	166.6	200	177	832	159.6	200	169	817	171.4	200	182	837
575-3-60	STD	66.0	80	69	354	72.2	90	76	366	68.2	90	72	356	74.4	90	79	368	
	MED	71.7	90	76	394	77.9	100	83	406	73.9	90	78	396	80.1	100	85	408	
	HIGH	72.6	90	77	409	78.8	100	84	421	74.8	90	79	411	81.0	100	86	423	
575-3-60	STD	56.0	70	59	264	60.8	80	64	272	57.7	70	61	266	62.5	80	66	274	
	MED	57.9	70	61	291	62.7	80	66	299	59.6	70	63	293	64.4	80	68	301	
	HIGH	60.8	80	64	302	65.6	80	70	310	62.5	80	66	304	67.3	80	72	312	

See: "Legend and Notes for Tables 1 - 4" on page 16.

**Table 3 – 50TC 17-30 Unit Wire/Fuse or HACR Breaker Sizing Data - Single Speed Indoor Fan Motor**

UNIT	IFM TYPE	ELEC. HTR				NO C.O. or UNPWR C.O.												w/ PWRD C.O.											
		CRHEATER ***A00	Nom (kW)	FLA	MCA	NO PE.				w/ P.E. (pwrdr fr/unit)				NO PE.				w/ P.E. (pwrdr fr/unit)											
						MAX FUSE or HACR BRKR	DISC. SIZE FLA	DISC. SIZE LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA	DISC. SIZE LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA	DISC. SIZE LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA	DISC. SIZE LRA									
50TC**17	STD	NONE	-	-	80.0/79.9	100/100	83/83	501	501	97/97	521	521	84.8/84.7	100/100	89/89	506	506	96.6/96.5	125/125	125/125	102/102	102/102	526	526					
		279A00	18.8/25.0	52.1/60.1	80.0/85.5	100/100	83/83	501/501	501/501	97/97	521/521	521/521	84.8/91.5	100/100	89/89	506/506	506/506	96.6/106.3	125/125	125/125	102/102	102/102	526/526	526/526					
		280A00	37.6/50.0	104.2/120.3	140.8/130.7	150/150	129/148	501/501	501/501	143/161	521/521	521/521	146.8/136.7	150/150	135/153	506/506	506/506	161.5/151.4	175/175	175/175	149/167	149/167	526/526	526/526					
		281A00	56.3/75.0	156.4/180.4	166.9/190.8	200/200	190/217	501/501	501/501	203/231	521/521	521/521	172.9/196.8	200/225	195/223	506/506	506/506	187.7/211.5	200/225	209/236	209/236	209/236	526/526	526/526					
		NONE	-	-	82.2	100	86	515	515	99	535	535	87.0	100	91	520	520	98.8	125	125	105	105	540	540					
	279A00	18.8/25.0	52.1/60.1	82.2/88.4	100/100	86/86	515/515	515/515	99/99	535/535	535/535	87.0/94.4	100/100	91/91	520/520	520/520	99.1/109.1	125/125	105/105	105/105	105/105	540/540	540/540						
	280A00	37.6/50.0	104.2/120.3	143.5/133.6	150/150	132/151	515/515	515/515	146/164	535/535	535/535	149.5/139.6	150/150	138/156	520/520	520/520	164.3/154.3	175/175	151/170	151/170	151/170	540/540	540/540						
	281A00	56.3/75.0	156.4/180.4	169.7/193.7	200/225	192/220	515/515	515/515	206/233	535/535	535/535	175.7/196.7	200/225	198/225	520/520	520/520	190.4/214.4	200/225	211/239	211/239	211/239	540/540	540/540						
	NONE	-	-	85.2/84.3	100/100	89/88	517	517	103/102	537	537	90.0/89.1	100/100	95/94	522	522	101.8/100.9	125/125	108/107	108/107	108/107	542/542	542/542						
	279A00	18.8/25.0	52.1/60.1	85.2/91.0	100/100	89/88	517/517	517/517	103/102	537/537	537/537	90.0/97.0	100/100	95/94	522/522	522/522	102.9/111.8	125/125	108/107	108/107	108/107	542/542	542/542						
280A00	37.6/50.0	104.2/120.3	147.3/136.2	150/150	135/153	517/517	517/517	149/167	537/537	537/537	153.3/142.2	175/175	141/158	522/522	522/522	168.0/156.9	175/175	155/172	155/172	155/172	542/542	542/542							
281A00	56.3/75.0	156.4/180.4	173.4/196.3	200/225	196/222	517/517	517/517	209/236	537/537	537/537	179.4/202.3	200/225	201/228	522/522	522/522	194.2/217.0	200/250	215/241	215/241	215/241	542/542	542/542							
460-3-60	STD	NONE	-	-	42.5	50	44	251	251	51	263	263	44.7	60	47	253	253	50.9	60	60	54	54	265	265					
		282A00	25.0	30.1	42.9	50	44	251	251	51	263	263	45.6	60	47	253	253	53.4	60	60	54	54	265	265					
		283A00	50.0	60.1	65.4	70	74	251	251	81	263	263	68.1	80	76	253	253	75.9	80	80	84	84	265	265					
		284A00	75.0	90.2	95.5	100	109	251	251	116	263	263	98.2	110	111	253	253	106.0	110	110	118	118	265	265					
		NONE	-	-	43.6	60	45	258	258	52	270	270	45.8	60	48	260	260	52.0	60	60	55	55	272	272					
	282A00	25.0	30.1	44.3	60	45	258	258	52	270	270	47.0	60	48	260	260	54.8	60	60	55	55	272	272						
	283A00	50.0	60.1	66.7	80	75	258	258	82	270	270	69.5	80	78	260	260	77.2	80	80	85	85	272	272						
	284A00	75.0	90.2	96.8	100	110	258	258	117	270	270	99.6	110	112	260	260	107.3	125	125	119	119	272	272						
	HIGH	NONE	-	-	44.7	60	47	259	259	54	271	271	46.9	60	49	261	261	53.1	60	60	56	56	273	273					
		282A00	25.0	30.1	45.6	60	47	259	259	54	271	271	48.4	60	49	261	261	56.1	60	60	56	56	273	273					
283A00		50.0	60.1	68.1	80	76	259	259	84	271	271	70.9	80	79	261	261	78.6	80	80	86	86	273	273						
284A00		75.0	90.2	98.2	100	111	259	259	118	271	271	101.0	110	114	261	261	108.7	125	125	121	121	273	273						
NONE		-	-	32.1	40	33	188	188	39	196	196	33.8	45	35	190	190	38.6	50	50	41	41	198	198						
STD	285A00	24.8	23.9	33.4	40	33	188	188	39	196	196	35.5	45	35	190	190	41.5	50	50	41	41	198	198						
	286A00	49.6	47.7	63.1	70	58	188	188	64	196	196	65.3	70	60	190	190	71.3	80	80	66	66	198	198						
	287A00	74.4	71.6	75.1	80	66	188	188	91	196	196	77.2	80	88	190	190	83.2	90	90	93	93	198	198						
	NONE	-	-	32.1	40	33	188	188	39	196	196	36.9	45	35	190	190	38.6	50	50	41	41	198	198						
	285A00	24.8	23.9	33.4	40	33	188	188	39	196	196	35.5	45	35	190	190	41.5	50	50	41	41	198	198						
MED	286A00	49.6	47.7	63.1	70	58	188	188	64	196	196	65.3	70	60	190	190	71.3	80	80	66	66	198	198						
	287A00	74.4	71.6	75.1	80	66	188	188	91	196	196	77.2	80	88	190	190	83.2	90	90	93	93	198	198						
	NONE	-	-	34.9	45	37	202	202	42	210	210	36.6	45	38	204	204	41.4	50	50	44	44	212	212						
	285A00	24.8	23.9	36.9	45	37	202	202	42	210	210	39.0	50	39	204	204	45.0	50	50	44	44	212	212						
	286A00	49.6	47.7	66.6	70	61	202	202	67	210	210	68.8	70	63	204	204	74.8	80	80	69	69	212	212						
287A00	74.4	71.6	78.6	90	69	202	202	89	210	210	80.7	90	91	204	204	86.7	90	90	96	96	212	212							

See: "Legend and Notes for Tables 1 – 4" on page 16.

**Table 3 - 50TC 17-30 Unit Wire/Fuse or HACR Breaker Sizing Data - Single Speed Indoor Fan Motor (cont)**

UNIT	IFM TYPE	ELEC. HTR			NO C.O. or UNPWR C.O.										w/ PWRD C.O.									
		CRHEATER ***A00	Nom (kW)	FLA	NO PE.					w/ P.E. (pwrd fr/unit)					NO PE.					w/ P.E. (pwrd fr/unit)				
					MCA	MAX FUSE OF HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE OF HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE OF HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE OF HACR BRKR	FLA	DISC. SIZE	LRA
50TC**20	STD	NONE	-	-	82.2	100	86	515	535	87.0	110	99	535	535	87.0	100	91	520	98.8	125	105	540	540	
		279A00	18.8/25.0	52.1/60.1	82.2/88.4	100/100	86/86	515/515	535/535	87.0/94.4	110/110	99/99	535/535	535/535	87.0/94.4	100/100	91/91	520/520	99.1/109.1	125/125	105/105	540/540	540/540	
		280A00	37.6/50.0	104.2/120.3	143.5/133.6	150/150	132/151	515/515	535/535	149.5/139.6	175/175	146/164	535/535	535/535	149.5/139.6	150/150	138/156	520/520	164.3/154.3	175/175	151/170	540/540	540/540	
		281A00	56.3/75.0	156.4/180.4	189.7/193.7	200/225	192/220	515/515	535/535	184.4/208.4	200/225	206/233	535/535	535/535	175.7/198.7	200/225	198/225	520/520	190.4/214.4	200/225	211/239	540/540	540/540	
		NONE	-	-	88.7	100	93	513	533	100.5	125	107	533	533	93.5	110	99	518	105.3	125	112	538	538	
	MED	279A00	18.8/25.0	52.1/60.1	88.7/86.5	100/100	93/93	513/513	533/533	101.3/111.3	125/125	107/107	533/533	533/533	93.5/102.5	110/110	99/99	518/518	107.3/117.3	125/125	112/112	538/538	538/538	
		280A00	37.6/50.0	104.2/120.3	151.6/141.7	175/175	139/158	513/513	533/533	166.4/156.4	175/175	153/172	533/533	533/533	157.6/147.7	175/175	145/164	518/518	172.4/162.4	175/175	159/177	538/538	538/538	
		281A00	56.3/75.0	156.4/180.4	177.8/201.8	200/225	200/227	513/513	533/533	192.5/216.5	200/250	213/241	533/533	533/533	183.8/207.8	200/225	205/233	518/518	198.5/222.5	200/250	219/246	538/538	538/538	
		NONE	-	-	88.7	100	93	513	533	100.5	125	107	533	533	93.5	110	99	518	105.3	125	112	538	538	
		279A00	18.8/25.0	52.1/60.1	88.7/86.5	100/100	93/93	513/513	533/533	101.3/111.3	125/125	107/107	533/533	533/533	93.5/102.5	110/110	99/99	518/518	107.3/117.3	125/125	112/112	538/538	538/538	
50TC**20	STD	280A00	37.6/50.0	104.2/120.3	151.6/141.7	175/175	139/158	513/513	533/533	166.4/156.4	175/175	153/172	533/533	533/533	157.6/147.7	175/175	145/164	518/518	172.4/162.4	175/175	159/177	538/538	538/538	
		281A00	56.3/75.0	156.4/180.4	177.8/201.8	200/225	200/227	513/513	533/533	192.5/216.5	200/250	213/241	533/533	533/533	183.8/207.8	200/225	205/233	518/518	198.5/222.5	200/250	219/246	538/538	538/538	
		NONE	-	-	43.6	60	45	258	270	49.8	60	52	270	270	45.8	60	48	260	52.0	60	55	272	272	
		282A00	25.0	30.1	44.3	60	45	258	270	52.0	60	52	270	270	47.0	60	48	260	54.8	60	55	272	272	
		283A00	50.0	60.1	66.7	80	75	258	270	74.5	80	82	270	270	69.5	80	78	260	77.2	80	85	272	272	
	MED	284A00	75.0	90.2	96.8	100	110	258	270	104.6	110	117	270	270	99.6	110	112	260	107.3	125	119	272	272	
		NONE	-	-	46.9	60	49	257	269	53.1	60	56	269	269	49.1	60	52	259	55.3	60	59	271	271	
		282A00	25.0	30.1	48.4	60	49	257	269	56.1	60	56	269	269	51.1	60	52	259	58.9	60	59	271	271	
		283A00	50.0	60.1	70.9	80	79	257	269	76.6	80	86	269	269	73.6	80	82	259	81.4	90	89	271	271	
		284A00	75.0	90.2	101.0	110	114	257	269	108.7	125	121	269	269	103.7	125	116	259	111.5	125	123	271	271	
575-3-60	STD	NONE	-	-	46.9	60	49	257	53.1	60	56	269	269	49.1	60	52	259	55.3	60	59	271	271		
		282A00	25.0	30.1	48.4	60	49	257	56.1	60	56	269	269	51.1	60	52	259	58.9	60	59	271	271		
		283A00	50.0	60.1	70.9	80	79	257	76.6	80	86	269	269	73.6	80	82	259	81.4	90	89	271	271		
		284A00	75.0	90.2	101.0	110	114	257	108.7	125	121	269	269	103.7	125	116	259	111.5	125	123	271	271		
		NONE	-	-	32.1	40	33	188	196	36.9	45	39	196	196	33.8	45	35	190	38.6	50	41	198	198	
	MED	285A00	24.8	23.9	33.4	40	33	188	39.4	45	39	196	196	35.5	45	35	190	41.5	50	41	198	198		
		286A00	49.6	47.7	63.1	70	58	188	69.1	70	64	196	196	65.3	70	60	190	71.3	80	66	198	198		
		287A00	74.4	71.6	75.1	80	66	188	81.1	90	89	91	196	196	77.2	80	88	190	83.2	90	93	198	198	
		NONE	-	-	34.9	45	37	202	39.7	50	42	42	210	210	36.6	45	39	204	41.4	50	44	212	212	
		285A00	24.8	23.9	36.9	45	37	202	42.9	50	42	210	210	39.0	45	39	204	45.0	50	44	212	212		
HIGH-High Efficiency	286A00	49.6	47.7	66.6	70	61	202	72.6	80	67	210	210	68.8	70	63	204	74.8	80	69	212	212			
	287A00	74.4	71.6	78.6	90	89	202	84.6	90	94	210	210	80.7	90	91	204	86.7	90	96	212	212			
	NONE	-	-	36.9	45	39	200	41.7	50	44	208	208	38.6	50	41	202	43.4	50	46	210	210			
	285A00	24.8	23.9	39.4	45	39	200	45.4	50	44	208	208	41.5	50	41	202	47.5	50	46	210	210			
	286A00	49.6	47.7	69.1	70	64	200	75.1	80	69	208	208	71.3	80	66	202	77.3	80	71	210	210			

See: "Legend and Notes for Tables 1 - 4" on page 16.

**Table 3 - 50TC 17-30 Unit Wire/Fuse or HACR Breaker Sizing Data - Single Speed Indoor Fan Motor (cont)**

UNIT	IFM TYPE	ELEC. HTR			NO C.O. or UNPWR C.O.										w/ PWRD C.O.											
		CRHEATER ***A00	Nom (kW)	FLA	NO PE.					w/ P.E. (pwrd fr/unit)					NO PE.					w/ P.E. (pwrd fr/unit)						
					MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA		
50TC**24	STD	NONE	-	-	109.2/108.3	150/150	112/111	540	125/124	560	114.0/113.1	150/150	117/116	545	125.8/124.9	150/150	131/130	565	125.8/124.9	150/150	131/130	565	125.8/124.9	150/150	131/130	565
		279A00	18.8/25.0	52.1/60.1	109.2/108.3	150/150	112/111	540/540	125/124	560/560	114.0/113.1	150/150	117/116	545/545	125.8/124.9	150/150	131/130	565/565	125.8/124.9	150/150	131/130	565/565	125.8/124.9	150/150	131/130	565/565
		280A00	37.6/50.0	104.2/120.3	147.3/136.2	150/150	135/153	540/540	149/167	560/560	153.3/142.2	175/175	141/158	545/545	168.0/158.9	200/225	155/172	565/565	168.0/158.9	200/225	155/172	565/565	168.0/158.9	200/225	155/172	565/565
		281A00	56.3/75.0	156.4/180.4	173.4/196.3	200/225	196/222	540/540	209/236	560/560	179.4/202.3	200/225	201/228	545/545	194.2/217.0	200/250	215/241	565/565	194.2/217.0	200/250	215/241	565/565	194.2/217.0	200/250	215/241	565/565
		NONE	-	-	112.7	150	116	536	129	556	117.5	150	121	541	129.3	175	135	561	129.3	175	135	561	129.3	175	135	561
		279A00	18.8/25.0	52.1/60.1	112.7/112.7	150/150	116/116	536/536	129/129	556/556	117.5/117.5	150/150	121/121	541/541	129.3/129.3	175/175	135/135	561/561	129.3/129.3	175/175	135/135	561/561	129.3/129.3	175/175	135/135	561/561
		280A00	37.6/50.0	104.2/120.3	151.6/141.7	175/175	139/158	536/536	153/172	556/556	157.8/147.7	175/175	145/164	541/541	172.4/162.4	200/225	159/177	561/561	172.4/162.4	200/225	159/177	561/561	172.4/162.4	200/225	159/177	561/561
		281A00	56.3/75.0	156.4/180.4	177.8/201.8	200/225	200/227	536/536	213/241	556/556	183.8/207.8	200/250	205/233	541/541	198.5/222.5	200/250	219/246	561/561	198.5/222.5	200/250	219/246	561/561	198.5/222.5	200/250	219/246	561/561
		NONE	-	-	124.1	150	129	615	142	635	128.9	175	134	620	140.7	175	148	640	140.7	175	148	640	140.7	175	148	640
		279A00	18.8/25.0	52.1/60.1	124.1/124.1	150/150	129/129	615/615	142/142	635/635	128.9/128.9	175/175	134/134	620/620	140.7/140.7	175/175	148/148	640/640	140.7/140.7	175/175	148/148	640/640	140.7/140.7	175/175	148/148	640/640
280A00	37.6/50.0	104.2/120.3	165.9/155.9	175/175	153/171	615/615	166/185	635/635	171.9/161.9	200/175	158/177	620/620	186.6/176.7	200/200	172/190	640/640	186.6/176.7	200/200	172/190	640/640	186.6/176.7	200/200	172/190	640/640		
281A00	56.3/75.0	156.4/180.4	192.0/216.0	200/250	213/240	615/615	226/254	635/635	198.0/222.0	225/250	218/246	620/620	212.8/236.8	225/250	232/259	640/640	212.8/236.8	225/250	232/259	640/640	212.8/236.8	225/250	232/259	640/640		
460-3-60	STD	NONE	-	-	48.0	60	50	272	57	284	50.2	60	52	274	56.4	70	59	286	56.4	70	59	286	56.4	70	59	286
		282A00	25.0	30.1	48.0	60	50	272	54.2	284	50.2	60	52	274	56.4	70	59	286	56.4	70	59	286	56.4	70	59	286
		283A00	50.0	60.1	68.1	80	76	272	84	284	70.9	80	79	274	78.6	80	86	286	78.6	80	86	286	78.6	80	86	286
		284A00	75.0	90.2	98.2	100	111	272	118	284	101.0	125	114	274	108.7	125	116	286	108.7	125	116	286	108.7	125	116	286
		NONE	-	-	50.2	60	52	270	59	282	52.4	60	55	272	58.6	70	62	284	52.4	60	55	272	58.6	70	62	284
		282A00	25.0	30.1	50.2	60	52	270	58.4	282	52.4	60	55	272	58.9	70	62	284	52.4	60	55	272	58.9	70	62	284
		283A00	50.0	60.1	70.9	80	79	270	86	282	73.6	80	82	272	81.4	90	89	284	73.6	80	82	272	81.4	90	89	284
		284A00	75.0	90.2	101.0	110	114	270	121	282	103.7	125	116	272	111.5	125	123	284	103.7	125	116	272	111.5	125	123	284
		NONE	-	-	55.9	70	59	310	66	322	58.1	80	61	312	64.3	80	69	324	58.1	80	61	312	64.3	80	69	324
		282A00	25.0	30.1	55.9	70	59	310	66	322	58.3	80	61	312	66.0	80	69	324	58.3	80	61	312	66.0	80	69	324
283A00	50.0	60.1	78.0	80	86	310	93	322	80.7	90	88	312	88.5	100	95	324	80.7	90	88	312	88.5	100	95	324		
284A00	75.0	90.2	108.1	125	120	310	127	322	110.8	125	123	312	118.6	125	130	324	110.8	125	123	312	118.6	125	130	324		
575-3-60	STD	NONE	-	-	38.6	50	40	224	46	232	40.3	50	42	226	45.1	50	48	234	45.1	50	48	234	45.1	50	48	234
		285A00	24.8	23.9	38.6	50	40	224	46	232	40.3	50	42	226	45.1	50	48	234	45.1	50	48	234	45.1	50	48	234
		286A00	49.6	47.7	66.6	70	61	224	67	232	68.8	70	63	226	74.8	80	69	234	68.8	70	63	226	74.8	80	69	234
		287A00	74.4	71.6	78.6	90	89	224	94	232	80.7	90	91	226	86.7	90	96	234	80.7	90	91	226	86.7	90	96	234
		NONE	-	-	40.6	50	42	222	48	230	42.3	60	44	224	47.1	60	50	232	42.3	60	44	224	47.1	60	50	232
		285A00	24.8	23.9	40.6	50	42	222	48	230	42.3	60	44	224	47.5	60	50	232	42.3	60	44	224	47.5	60	50	232
		286A00	49.6	47.7	69.1	70	64	222	69	230	71.3	80	66	224	77.3	80	71	232	71.3	80	66	224	77.3	80	71	232
		287A00	74.4	71.6	81.1	90	91	222	97	230	83.2	90	93	224	89.2	90	99	232	83.2	90	93	224	89.2	90	99	232
		NONE	-	-	42.5	50	45	249	50	257	44.2	60	47	251	49.0	60	52	259	44.2	60	47	251	49.0	60	52	259
		285A00	24.8	23.9	42.5	50	45	249	50	257	44.2	60	47	251	49.9	60	52	259	44.2	60	47	251	49.9	60	52	259
286A00	49.6	47.7	71.5	80	66	249	71	257	73.6	80	68	251	79.6	80	73	259	73.6	80	68	251	79.6	80	73	259		
287A00	74.4	71.6	83.5	90	93	249	99	257	85.6	100	95	251	91.6	100	101	259	85.6	100	95	251	91.6	100	101	259		

See: "Legend and Notes for Tables 1 - 4" on page 16.



**Table 3 - 50TC 17-30 Unit Wire/Fuse or HACR Breaker Sizing Data - Single Speed Indoor Fan Motor (cont)**

UNIT	IFM TYPE	ELEC. HTR				NO C.O. or UNPWR C.O.												w/ PWRD C.O.			
		CRHEATER ***A00	Nom (kW)	FLA	MCA	NO PE.				w/ P.E. (pwrd fr/unit)				NO PE.				w/ P.E. (pwrd fr/unit)			
						MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE or HACR BRKR
50TC**28	STD	NONE	-	-	127.8/126.9	175/175	133/132	590	139.6/138.7	175/175	147/146	610	132.6/131.7	175/175	139/138	595	144.4/143.5	175/175	152/151	615	
		279A00	18.8/25.0	52.1/60.1	127.8/126.9	175/175	133/132	590/590	139.6/138.7	175/175	147/146	610/610	132.6/131.7	175/175	139/138	595/595	144.4/143.5	175/175	152/151	615/615	
		280A00	37.6/50.0	104.2/120.3	147.3/136.2	175/175	135/153	590/590	162.0/150.9	175/175	149/167	610/610	153.3/142.2	175/175	141/158	595/595	168.0/156.9	175/175	155/172	615/615	
		281A00	56.3/75.0	156.4/180.4	173.4/196.3	200/225	196/222	590/590	188.2/211.0	200/225	209/236	610/610	179.4/202.3	200/225	201/228	595/595	194.2/217.0	200/250	215/241	615/615	
		NONE	-	-	131.3	175	137	586	143.1	175	151	606	136.1	175	143	591	147.9	175	156	611	
		279A00	18.8/25.0	52.1/60.1	131.3/131.3	175/175	137/137	586/586	143.1/143.1	175/175	151/151	606/606	136.1/136.1	175/175	143/143	591/591	147.9/147.9	175/175	156/156	611/611	
		280A00	37.6/50.0	104.2/120.3	151.6/141.7	175/175	139/158	586/586	166.4/156.4	175/175	153/172	606/606	157.6/147.7	175/175	145/164	591/591	172.4/162.4	175/175	159/177	611/611	
		281A00	56.3/75.0	156.4/180.4	177.8/201.8	200/225	200/227	586/586	192.5/216.5	200/250	213/241	606/606	183.8/207.8	200/225	205/233	591/591	198.5/222.5	200/250	219/246	611/611	
		NONE	-	-	142.7	175	150	665	154.5	200	164	685	147.5	175	156	670	159.3	200	169	690	
		279A00	18.8/25.0	52.1/60.1	142.7/142.7	175/175	150/150	665/665	154.5/154.5	200/200	164/164	685/685	147.5/147.5	175/175	156/156	670/670	159.3/159.3	200/200	169/169	690/690	
50TC**28	STD	280A00	37.6/50.0	104.2/120.3	165.9/155.9	175/175	153/171	665/665	180.6/170.7	200/200	166/185	685/685	171.9/161.9	175/175	158/177	670/670	186.6/176.7	200/200	172/190	690/690	
		281A00	56.3/75.0	156.4/180.4	192.0/216.0	200/250	213/240	665/665	206.8/230.8	225/250	226/254	685/685	198.0/222.0	225/250	218/246	670/670	212.8/236.8	225/250	232/259	690/690	
		NONE	-	-	51.9	60	54	302	58.1	70	61	314	54.1	60	57	304	60.3	70	64	316	
		282A00	25.0	30.1	51.9	60	54	302	58.1	70	61	314	54.1	60	57	304	60.3	70	64	316	
		283A00	50.0	60.1	68.1	80	76	302	75.9	80	84	314	70.9	80	79	304	78.6	80	86	316	
		284A00	75.0	90.2	98.2	100	111	302	106.0	125	118	314	101.0	110	114	304	108.7	125	121	316	
		NONE	-	-	54.1	60	57	300	60.3	70	64	312	56.3	70	59	302	62.5	80	66	314	
		282A00	25.0	30.1	54.1	60	57	300	60.3	70	64	312	56.3	70	59	302	62.5	80	66	314	
		283A00	50.0	60.1	70.9	80	79	300	78.6	80	86	312	73.6	80	82	302	81.4	90	89	314	
		284A00	75.0	90.2	101.0	110	114	300	108.7	125	121	312	103.7	125	116	302	111.5	125	123	314	
575-3-60	STD	NONE	-	-	59.8	70	63	340	66.0	80	70	352	62.0	80	66	342	68.2	80	73	354	
		282A00	25.0	30.1	59.8	70	63	340	66.0	80	70	352	62.0	80	66	342	68.2	80	73	354	
		283A00	50.0	60.1	78.0	80	86	340	85.7	90	93	352	80.7	90	88	342	88.5	100	95	354	
		284A00	75.0	90.2	108.1	125	120	340	115.8	125	127	352	110.8	125	123	342	118.6	125	130	354	
		NONE	-	-	41.1	50	43	244	45.9	60	49	252	42.8	50	45	246	47.6	60	50	254	
		285A00	24.8	23.9	41.1	50	43	244	45.9	60	49	252	42.8	50	45	246	47.6	60	50	254	
		286A00	49.6	47.7	66.6	70	61	244	72.6	80	67	252	68.8	70	63	246	74.8	80	69	254	
		287A00	74.4	71.6	78.6	90	89	244	84.6	90	94	252	81.1	90	91	246	86.7	90	96	254	
		NONE	-	-	43.1	50	45	242	47.9	60	51	250	44.8	50	47	244	49.6	60	53	252	
		285A00	24.8	23.9	43.1	50	45	242	47.9	60	51	250	44.8	50	47	244	49.6	60	53	252	
575-3-60	MED-High Efficiency	286A00	49.6	47.7	69.1	70	64	242	75.1	80	69	250	71.3	80	66	244	77.3	80	71	252	
		287A00	74.4	71.6	81.1	90	91	242	87.1	90	97	250	83.2	90	93	244	89.2	90	99	252	
		NONE	-	-	45.0	50	47	269	49.8	60	53	277	46.7	60	49	271	51.5	60	55	279	
		285A00	24.8	23.9	45.0	50	47	269	49.8	60	53	277	46.7	60	49	271	51.5	60	55	279	
		286A00	49.6	47.7	71.5	80	66	289	77.5	80	71	277	73.6	80	68	271	79.6	80	73	279	
		287A00	74.4	71.6	83.5	90	93	269	88.5	100	99	277	85.6	90	95	271	91.6	100	101	279	

See: "Legend and Notes for Tables 1 - 4" on page 16.

**Table 3 - 50TC 17-30 Unit Wire/Fuse or HACR Breaker Sizing Data - Single Speed Indoor Fan Motor (cont)**

UNIT	IFM TYPE	ELEC. HTR			NO C.O. or UNPWR C.O.										w/ PWRD C.O.									
		CRHEATER ***A00	Nom (kW)	FLA	NO PE.			w/ P.E. (pwrd fr/unit)			NO PE.			w/ P.E. (pwrd fr/unit)			NO PE.			w/ P.E. (pwrd fr/unit)				
					MAX FUSE or HACR BRKR	DISC. SIZE FLA	DISC. SIZE LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA	DISC. SIZE LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA	DISC. SIZE LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA	DISC. SIZE LRA	MCA	MAX FUSE or HACR BRKR	DISC. SIZE FLA	DISC. SIZE LRA	
50TC**30	STD	NONE	-	-	141.5	175	148	702	153.3	200	162	722	146.3	175	154	707	158.1	200	167	727	158.1/158.1	200/200	167/167	727/727
		279A00	18.8/25.0	52.1/60.1	141.5/141.5	175/175	148/148	702/702	153.3/153.3	200/200	162/162	722/722	146.3/146.3	175/175	154/154	707/707	158.1/158.1	200/200	167/167	727/727	158.1/158.1	200/200	167/167	727/727
		280A00	37.6/50.0	104.2/120.3	151.6/141.7	175/175	148/158	702/702	166.4/156.4	200/200	162/172	722/722	157.6/147.7	175/175	154/164	707/707	172.4/162.4	200/200	167/177	727/727	172.4/162.4	200/200	167/177	727/727
		281A00	56.3/75.0	156.4/180.4	177.8/201.8	200/225	200/227	702/702	192.5/216.5	200/250	213/241	722/722	183.8/207.8	200/225	205/233	707/707	198.5/222.5	200/250	219/246	727/727	198.5/222.5	200/250	219/246	727/727
208/230-3-60	MED-High Efficiency	NONE	-	-	152.9	200	161	781	164.7	200	175	801	157.7	200	167	786	169.5	200	180	806	169.5/169.5	200/200	180/180	806/806
		279A00	18.8/25.0	52.1/60.1	152.9/152.9	200/200	161/161	781/781	164.7/164.7	200/200	175/175	801/801	157.7/157.7	200/200	167/167	786/786	169.5/169.5	200/200	180/180	806/806	169.5/169.5	200/200	180/180	806/806
		280A00	37.6/50.0	104.2/120.3	165.9/155.9	200/200	161/171	781/781	180.6/170.7	200/200	175/185	801/801	171.9/161.9	200/200	167/177	786/786	186.6/176.7	200/200	180/190	806/806	186.6/176.7	200/200	180/190	806/806
		281A00	56.3/75.0	156.4/180.4	192.0/216.0	200/250	213/240	781/781	206.8/230.8	225/250	226/254	801/801	198.0/222.0	225/250	218/246	786/786	212.8/236.8	225/250	232/259	806/806	212.8/236.8	225/250	232/259	806/806
460-3-60	STD	NONE	-	-	154.8	200	163	812	166.6	200	177	832	159.6	200	169	817	171.4	200	182	897	171.4/171.4	200/200	182/182	897/897
		279A00	18.8/25.0	52.1/60.1	154.8/154.8	200/200	163/163	812/812	166.6/166.6	200/200	177/177	832/832	159.6/159.6	200/200	169/169	817/817	171.4/171.4	200/200	182/182	897/897	171.4/171.4	200/200	182/182	897/897
		280A00	37.6/50.0	104.2/120.3	168.3/158.3	200/200	163/173	812/812	183.0/173.1	200/200	177/187	832/832	174.3/164.3	200/200	169/179	817/817	189.0/179.1	200/200	182/192	897/897	189.0/179.1	200/200	182/192	897/897
		281A00	56.3/75.0	156.4/180.4	194.4/218.4	225/250	215/242	812/812	208.2/233.2	225/250	228/256	832/832	200.4/224.4	225/250	220/248	817/817	215.2/239.2	225/250	234/262	897/897	215.2/239.2	225/250	234/262	897/897
50TC**30	MED-High Efficiency	NONE	-	-	171.7	90	76	354	72.2	90	76	366	68.2	90	72	356	74.4	90	79	368	74.4/74.4	90/90	79/79	368/368
		282A00	25.0	30.1	171.7	90	76	354	72.2	90	76	366	68.2	90	72	356	74.4	90	79	368	74.4/74.4	90/90	79/79	368/368
		283A00	50.0	60.1	178.0	90	86	354	78.6	90	86	366	73.6	90	82	356	81.4	90	89	368	81.4/81.4	90/90	89/89	368/368
		284A00	75.0	90.2	101.0	110	114	354	108.7	125	121	366	103.7	125	116	356	111.5	125	123	368	111.5/111.5	125/125	123/123	368/368
460-3-60	MED-High Efficiency	NONE	-	-	71.7	90	76	394	77.9	100	83	406	73.9	90	78	396	80.1	100	85	408	80.1/80.1	100/100	85/85	408/408
		282A00	25.0	30.1	171.7	90	76	394	77.9	100	83	406	73.9	90	78	396	80.1	100	85	408	80.1/80.1	100/100	85/85	408/408
		283A00	50.0	60.1	178.0	90	86	394	85.7	100	93	406	80.7	90	88	396	88.5	100	95	408	88.5/88.5	100/100	95/95	408/408
		284A00	75.0	90.2	108.1	125	120	394	115.8	125	127	406	110.8	125	123	396	118.6	125	130	408	118.6/118.6	125/125	130/130	408/408
575-3-60	HIGH-High Efficiency	NONE	-	-	72.6	90	77	409	78.8	100	84	421	74.8	90	79	411	81.0	100	86	423	81.0/81.0	100/100	86/86	423/423
		282A00	25.0	30.1	172.6	90	77	409	78.8	100	84	421	74.8	90	79	411	81.0	100	86	423	81.0/81.0	100/100	86/86	423/423
		283A00	50.0	60.1	179.1	90	87	409	86.9	100	94	421	81.9	90	89	411	89.6	100	96	423	89.6/89.6	100/100	96/96	423/423
		284A00	75.0	90.2	109.2	125	121	409	117.0	125	128	421	112.0	125	124	411	119.7	125	131	423	119.7/119.7	125/125	131/131	423/423
575-3-60	STD	NONE	-	-	56.0	70	59	264	60.8	80	64	272	57.7	70	61	266	62.5	80	66	274	62.5/62.5	80/80	66/66	274/274
		285A00	24.8	23.9	56.0	70	59	264	60.8	80	64	272	57.7	70	61	266	62.5	80	66	274	62.5/62.5	80/80	66/66	274/274
		286A00	49.6	47.7	69.1	70	64	264	75.1	80	69	272	71.3	80	66	266	77.3	80	71	274	77.3/77.3	80/80	71/71	274/274
		287A00	74.4	71.6	81.1	90	91	264	87.1	90	97	272	83.2	90	93	266	89.2	90	99	274	89.2/89.2	90/90	99/99	274/274
575-3-60	MED-High Efficiency	NONE	-	-	57.9	70	61	291	62.7	80	66	299	59.6	70	63	293	64.4	80	68	301	64.4/64.4	80/80	68/68	301/301
		285A00	24.8	23.9	57.9	70	61	291	62.7	80	66	299	59.6	70	63	293	64.4	80	68	301	64.4/64.4	80/80	68/68	301/301
		286A00	49.6	47.7	71.5	80	66	291	77.5	80	71	299	73.6	80	68	293	79.6	80	73	301	79.6/79.6	80/80	73/73	301/301
		287A00	74.4	71.6	83.5	90	93	291	89.5	100	99	299	85.6	90	95	293	91.6	100	101	301	91.6/91.6	100/100	101/101	301/301
575-3-60	HIGH-High Efficiency	NONE	-	-	60.8	80	64	302	65.6	80	70	310	62.5	80	66	304	67.3	80	72	312	67.3/67.3	80/80	72/72	312/312
		285A00	24.8	23.9	60.8	80	64	302	65.6	80	70	310	62.5	80	66	304	67.3	80	72	312	67.3/67.3	80/80	72/72	312/312
		286A00	49.6	47.7	75.1	80	69	302	81.1	90	75	310	77.3	80	71	304	83.3	90	77	312	83.3/83.3	90/90	77/77	312/312
		287A00	74.4	71.6	87.1	100	97	302	93.1	100	102	310	89.2	100	99	304	95.2	100	104	312	95.2/95.2	100/100	104/104	312/312

See: "Legend and Notes for Tables 1 - 4" on page 16.

Table 4 – 50TC 17-30 Unit Wire/Fuse or HACR Breaker Sizing Data - 2-Speed Indoor Fan Motor

UNIT	IFM TYPE	ELEC. HTR				NO C.O. or UNPWR C.O.												w/ PWRD C.O.											
		CRHEATER ***A00	Nom (kW)	FLA	NO PE.				w/ P.E. (pwrd fr/unit)				NO PE.				w/ P.E. (pwrd fr/unit)												
					MCA	MAX FUSE OF HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE OF HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE OF HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE OF HACR BRKR	FLA	DISC. SIZE	LRA					
50TC*17	STD	NONE	-	-	80.2/79.4	100/100	84/83	482	482	97/96	502	502	85.0/84.2	100/100	89/88	487	487	96.8/96.0	125/125	103/102	507								
		279A00	18.8/25.0	52.1/60.1	80.2/84.9	100/100	84/83	482/482	482/482	97/96	502/502	502/502	85.0/90.9	100/100	89/88	487/487	487/487	96.8/105.6	125/125	103/102	507/507								
		280A00	37.6/50.0	104.2/120.3	141.0/130.1	150/150	130/147	482/482	482/482	143/161	502/502	502/502	147.0/136.1	150/150	135/153	487/487	487/487	161.8/150.8	175/175	149/166	507/507								
		281A00	56.3/75.0	156.4/180.4	167.2/190.2	200/200	190/216	482/482	482/482	203/230	502/502	502/502	173.2/196.2	200/225	195/222	487/487	487/487	187.9/210.9	200/225	209/236	507/507								
		NONE	-	-	82.4/81.4	100/100	86/85	506	506	100/99	526	526	87.2/86.2	100/100	92/91	511	511	99.0/98.0	125/125	105/104	581								
	MED	279A00	18.8/25.0	52.1/60.1	82.4/87.4	100/100	86/85	506/506	506/506	100/99	526/526	526/526	87.2/93.4	100/100	92/91	511/511	511/511	99.4/108.1	125/125	105/104	531/531								
		280A00	37.6/50.0	104.2/120.3	143.8/132.6	150/150	132/150	506/506	506/506	146/163	526/526	526/526	149.8/138.6	150/150	138/155	511/511	511/511	164.5/153.3	175/175	151/169	531/531								
		281A00	56.3/75.0	156.4/180.4	169.9/192.7	200/225	192/219	506/506	506/506	206/232	526/526	526/526	175.9/198.7	200/225	198/224	511/511	511/511	190.7/213.4	200/225	211/238	531/531								
		NONE	-	-	85.2/84.3	100/100	89/88	517	517	103/102	537	537	90.0/89.1	100/100	95/94	522	522	101.8/100.9	125/125	108/107	542								
		279A00	18.8/25.0	52.1/60.1	85.2/91.0	100/100	89/88	517/517	517/517	103/102	537/537	537/537	90.0/97.0	100/100	95/94	522/522	522/522	102.9/111.8	125/125	108/107	542/542								
460-3-60	STD	280A00	37.6/50.0	104.2/120.3	147.3/136.2	150/150	135/153	517/517	517/517	149/167	537/537	537/537	153.3/142.2	175/175	141/158	522/522	522/522	168.0/156.9	175/175	155/172	542/542								
		281A00	56.3/75.0	156.4/180.4	173.4/196.3	200/225	196/222	517/517	517/517	209/236	537/537	537/537	179.4/202.3	200/225	201/228	522/522	522/522	194.2/217.0	200/250	215/241	542/542								
		NONE	-	-	42.1	50	44	242	242	51	254	254	44.3	60	46	244	244	50.5	60	53	256								
		282A00	25.0	30.1	42.4	50	44	242	242	51	254	254	45.1	60	46	244	244	52.9	60	53	256								
		283A00	50.0	60.1	64.9	70	73	242	242	81	254	254	67.6	80	76	244	244	75.4	80	83	256								
	MED	284A00	75.0	90.2	95.0	100	108	242	242	115	254	254	97.7	100	111	244	244	105.5	110	118	256								
		NONE	-	-	43.2	50	45	254	254	52	266	266	45.4	60	47	256	256	51.6	60	55	268								
		282A00	25.0	30.1	43.8	50	45	254	254	52	266	266	46.5	60	47	256	256	54.3	60	55	268								
		283A00	50.0	60.1	66.2	80	75	254	254	82	266	266	69.0	80	77	256	256	76.7	80	84	268								
		284A00	75.0	90.2	96.3	100	109	254	254	116	266	266	99.1	100	112	256	256	106.8	110	119	268								
HIGH	NONE	-	-	44.7	60	47	259	259	54	271	271	46.9	60	49	261	261	53.1	60	56	273									
	282A00	25.0	30.1	45.6	60	47	259	259	54	271	271	48.4	60	49	261	261	56.1	60	56	273									
	283A00	50.0	60.1	68.1	80	76	259	259	84	271	271	70.9	80	79	261	261	78.6	80	86	273									
	284A00	75.0	90.2	98.2	100	111	259	259	118	271	271	101.0	125	114	261	261	108.7	125	121	273									
	NONE	-	-	33.8	45	35	188	188	41	196	196	35.5	45	37	190	190	40.3	50	43	198									
STD	285A00	24.8	23.9	35.5	45	35	188	188	41	196	196	37.6	45	37	190	190	43.6	50	43	198									
	286A00	49.6	47.7	65.3	70	60	188	188	66	196	196	67.4	70	62	190	190	73.4	80	68	198									
	287A00	74.4	71.6	77.2	90	88	188	188	93	196	196	79.4	90	89	190	190	85.4	90	95	198									
	NONE	-	-	33.8	45	35	188	188	41	196	196	35.5	45	37	190	190	40.3	50	43	198									
	285A00	24.8	23.9	35.5	45	35	188	188	41	196	196	37.6	45	37	190	190	43.6	50	43	198									
MED	286A00	49.6	47.7	65.3	70	60	188	188	66	196	196	67.4	70	62	190	190	73.4	80	68	198									
	287A00	74.4	71.6	77.2	90	88	188	188	93	196	196	79.4	90	89	190	190	85.4	90	95	198									
	NONE	-	-	35.5	45	37	202	202	43	210	210	37.2	45	39	204	204	42.0	50	45	212									
	285A00	24.8	23.9	37.6	45	37	202	202	43	210	210	39.8	45	39	204	204	45.8	50	45	212									
	286A00	49.6	47.7	67.4	70	62	202	202	68	210	210	69.5	70	64	204	204	75.5	80	69	212									
HIGH	287A00	74.4	71.6	79.4	90	89	202	202	95	210	210	81.5	90	91	204	204	87.5	90	97	212									

See: "Legend and Notes for Tables 1 – 4 " on page 16.

**Table 4 - 50TC 17-30 Unit Wire/Fuse or HACR Breaker Sizing Data - 2-Speed Indoor Fan Motor (cont)**

UNIT	IFM TYPE	ELEC. HTR			NO C.O. or UNPWR C.O.												w/ PWRD C.O.					
		CRHEATER ***A00	Nom (kW)	FLA	NO PE.			w/ P.E. (pwrd fr/unit)			NO PE.			w/ P.E. (pwrd fr/unit)			w/ PWRD C.O.					
					MCA	MAX FUSE OF HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE OF HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE OF HACR BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE OF HACR BRKR	DISC. SIZE FLA LRA						
50TC**20	STD	NONE	-	-	82.4/81.4	100/100	86/85	506	506	100/99	100/99	526	526	87.2/86.2	100/100	92/91	511	511	99.0/98.0	125/125	105/104	531
		279A00	18.8/25.0	52.1/60.1	82.4/87.4	100/100	86/85	506/506	506/506	100/99	100/99	526/526	526/526	87.2/93.4	100/100	92/91	511/511	511/511	99.4/108.1	125/125	105/104	531/531
		280A00	37.6/50.0	104.2/120.3	143.8/132.6	150/150	132/150	506/506	506/506	146/163	146/163	526/526	526/526	149.8/138.6	150/150	138/155	511/511	511/511	164.5/153.3	175/175	151/169	531/531
		281A00	56.3/75.0	156.4/180.4	189.9/192.7	200/225	192/219	506/506	506/506	206/232	206/232	526/526	526/526	175.9/198.7	200/225	198/224	511/511	511/511	190.7/213.4	200/225	211/238	531/531
208/230-3-60	MED	NONE	-	-	85.2/84.3	100/100	89/88	517	517	103/102	103/102	537	537	90.0/89.1	100/100	95/94	522	522	101.8/100.9	125/125	108/107	542
		279A00	18.8/25.0	52.1/60.1	85.2/91.0	100/100	89/88	517/517	517/517	103/102	103/102	537/537	537/537	90.0/97.0	100/100	95/94	522/522	522/522	102.9/111.8	125/125	108/107	542/542
		280A00	37.6/50.0	104.2/120.3	147.3/136.2	150/150	135/153	517/517	517/517	149/167	149/167	537/537	537/537	153.3/142.2	175/175	141/158	522/522	522/522	188.0/156.9	175/175	155/172	542/542
		281A00	56.3/75.0	156.4/180.4	173.4/196.3	200/225	196/222	517/517	517/517	209/236	209/236	537/537	537/537	179.4/202.3	200/225	201/228	522/522	522/522	194.2/217.0	200/250	215/241	542/542
460-3-60	STD	NONE	-	-	88.7	100	93	513	513	107	107	533	533	93.5	110	99	518	518	105.3	125	112	598
		282A00	25.0	30.1	43.8	50	45	254	254	52	52	266	266	45.4	60	47	256	256	51.6	60	55	268
		283A00	50.0	60.1	66.2	80	75	254	254	82	82	266	266	69.0	80	77	256	256	76.7	80	84	268
		284A00	75.0	90.2	96.3	100	109	254	254	116	116	266	266	99.1	100	112	256	256	106.8	110	119	268
50TC**20	MED	NONE	-	-	44.7	60	47	259	259	54	54	271	271	46.9	60	49	261	261	53.1	60	56	273
		282A00	25.0	30.1	45.6	60	47	259	259	54	54	271	271	48.4	60	49	261	261	56.1	60	56	273
		283A00	50.0	60.1	68.1	80	76	259	259	84	84	271	271	70.9	80	79	261	261	78.6	80	86	273
		284A00	75.0	90.2	98.2	100	111	259	259	118	118	271	271	101.0	110	114	261	261	108.7	125	121	273
575-3-60	STD	NONE	-	-	46.9	60	49	257	257	56	56	269	269	49.1	60	52	259	259	55.3	60	59	271
		282A00	25.0	30.1	48.4	60	49	257	257	56	56	269	269	51.1	60	52	259	259	58.9	60	59	271
		283A00	50.0	60.1	70.9	80	79	257	257	86	86	269	269	73.6	80	82	259	259	81.4	90	89	271
		284A00	75.0	90.2	101.0	110	114	257	257	121	121	269	269	103.7	125	116	259	259	111.5	125	123	271
575-3-60	MED	NONE	-	-	33.8	45	35	188	188	41	41	196	196	35.5	45	37	190	190	40.3	50	43	198
		285A00	24.8	23.9	35.5	45	35	188	188	41	41	196	196	37.6	45	37	190	190	43.6	50	43	198
		286A00	49.6	47.7	65.3	70	60	188	188	66	66	196	196	67.4	70	62	190	190	73.4	80	68	198
		287A00	74.4	71.6	77.2	90	88	188	188	93	93	196	196	79.4	90	89	190	190	85.4	90	95	198
575-3-60	HIGH	NONE	-	-	35.5	45	37	202	202	43	43	210	210	37.2	45	39	204	204	42.0	50	45	212
		285A00	24.8	23.9	37.6	45	37	202	202	43	43	210	210	39.8	45	39	204	204	45.8	50	45	212
		286A00	49.6	47.7	67.4	70	62	202	202	68	68	210	210	69.5	70	64	204	204	75.5	80	69	212
		287A00	74.4	71.6	79.4	90	89	202	202	95	95	210	210	81.5	90	91	204	204	87.5	90	97	212

See: "Legend and Notes for Tables 1 - 4" on page 16.

**Table 4 - 50TC 17-30 Unit Wire/Fuse or HACR Breaker Sizing Data - 2-Speed Indoor Fan Motor (cont)**

UNIT	IFM TYPE	ELEC. HTR			NO C.O. or UNPWR C.O.										w/ PWRD C.O.											
		CRHEATER ***A00	Nom (kW)	FLA	NO PE.					w/ P.E. (pwrd fr/unit)					NO PE.					w/ P.E. (pwrd fr/unit)						
					MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA		
50TC**24	STD	NONE	-	-	109.2/108.3	150/150	112/111	540	125/124	560	114.0/113.1	150/150	117/116	545	125.8/124.9	150/150	131/130	565	125.8/124.9	150/150	131/130	565	125.8/124.9	150/150	131/130	565
		279A00	18.8/25.0	52.1/60.1	109.2/108.3	150/150	112/111	540/540	125/124	560/560	114.0/113.1	150/150	117/116	545/545	125.8/124.9	150/150	131/130	565/565	125.8/124.9	150/150	131/130	565/565	125.8/124.9	150/150	131/130	565/565
		280A00	37.6/50.0	104.2/120.3	147.3/136.2	150/150	135/153	540/540	149/167	560/560	153.3/142.2	175/175	141/158	545/545	168.0/158.9	200/225	155/172	565/565	168.0/158.9	200/225	155/172	565/565	168.0/158.9	200/225	155/172	565/565
		281A00	56.3/75.0	156.4/180.4	173.4/196.3	200/225	196/222	540/540	209/236	560/560	179.4/202.3	200/225	201/228	545/545	194.2/217.0	200/250	215/241	565/565	194.2/217.0	200/250	215/241	565/565	194.2/217.0	200/250	215/241	565/565
		NONE	-	-	112.7	150	116	536	129	556	117.5	150	121	541	129.3	175	135	561	129.3	175	135	561	129.3	175	135	561
		279A00	18.8/25.0	52.1/60.1	112.7/112.7	150/150	116/116	536/536	129/129	556/556	117.5/117.5	150/150	121/121	541/541	129.3/129.3	175/175	135/135	561/561	129.3/129.3	175/175	135/135	561/561	129.3/129.3	175/175	135/135	561/561
		280A00	37.6/50.0	104.2/120.3	151.6/141.7	175/175	139/158	536/536	153/172	556/556	157.8/147.7	175/175	145/164	541/541	172.4/162.4	200/225	159/177	561/561	172.4/162.4	200/225	159/177	561/561	172.4/162.4	200/225	159/177	561/561
		281A00	56.3/75.0	156.4/180.4	177.8/201.8	200/225	200/227	536/536	213/241	556/556	183.8/207.8	200/250	205/233	541/541	198.5/222.5	200/250	219/246	561/561	198.5/222.5	200/250	219/246	561/561	198.5/222.5	200/250	219/246	561/561
		NONE	-	-	124.1	150	129	615	142	635	128.9	175	134	620	140.7	175	148	640	140.7	175	148	640	140.7	175	148	640
		279A00	18.8/25.0	52.1/60.1	124.1/124.1	150/150	129/129	615/615	142/142	635/635	128.9/128.9	175/175	134/134	620/620	140.7/140.7	175/175	148/148	640/640	140.7/140.7	175/175	148/148	640/640	140.7/140.7	175/175	148/148	640/640
280A00	37.6/50.0	104.2/120.3	165.9/155.9	175/175	153/171	615/615	166/185	635/635	171.9/161.9	200/175	158/177	620/620	186.6/176.7	200/200	172/190	640/640	186.6/176.7	200/200	172/190	640/640	186.6/176.7	200/200	172/190	640/640		
281A00	56.3/75.0	156.4/180.4	192.0/216.0	200/250	213/240	615/615	226/254	635/635	198.0/222.0	225/250	218/246	620/620	212.8/236.8	225/250	232/259	640/640	212.8/236.8	225/250	232/259	640/640	212.8/236.8	225/250	232/259	640/640		
460-3-60	STD	NONE	-	-	48.0	60	50	272	57	284	50.2	60	52	274	56.4	70	59	286	56.4	70	59	286	56.4	70	59	286
		282A00	25.0	30.1	48.0	60	50	272	54.2	284	50.2	60	52	274	56.4	70	59	286	56.4	70	59	286	56.4	70	59	286
		283A00	50.0	60.1	68.1	80	76	272	84	284	70.9	80	79	274	78.6	80	86	286	78.6	80	86	286	78.6	80	86	286
		284A00	75.0	90.2	98.2	100	111	272	118	284	101.0	125	114	274	108.7	125	111	286	108.7	125	111	286	108.7	125	111	286
		NONE	-	-	50.2	60	52	270	59	282	52.4	60	55	272	58.6	70	62	284	58.6	70	62	284	58.6	70	62	284
		282A00	25.0	30.1	50.2	60	52	270	58.4	282	52.4	60	55	272	58.9	70	62	284	58.9	70	62	284	58.9	70	62	284
		283A00	50.0	60.1	70.9	80	79	270	73.6	282	73.6	80	82	272	81.4	90	89	284	81.4	90	89	284	81.4	90	89	284
		284A00	75.0	90.2	101.0	110	114	270	121	282	103.7	125	116	272	111.5	125	123	284	111.5	125	123	284	111.5	125	123	284
		NONE	-	-	55.9	70	59	310	66	322	58.1	80	61	312	64.3	80	69	324	64.3	80	69	324	64.3	80	69	324
		282A00	25.0	30.1	55.9	70	59	310	66	322	58.3	80	61	312	66.0	80	69	324	66.0	80	69	324	66.0	80	69	324
283A00	50.0	60.1	78.0	80	86	310	93	322	80.7	90	88	312	88.5	90	95	324	88.5	90	95	324	88.5	90	95	324		
284A00	75.0	90.2	108.1	125	120	310	127	322	110.8	125	123	312	118.6	125	130	324	118.6	125	130	324	118.6	125	130	324		
575-3-60	STD	NONE	-	-	39.2	50	41	224	46	232	40.9	50	43	226	45.7	60	48	234	45.7	60	48	234	45.7	60	48	234
		285A00	24.8	23.9	39.2	50	41	224	44.0	232	40.9	50	43	226	45.8	60	48	234	45.8	60	48	234	45.8	60	48	234
		286A00	49.6	47.7	67.4	70	62	224	73.4	232	69.5	70	64	226	75.5	80	69	234	75.5	80	69	234	75.5	80	69	234
		287A00	74.4	71.6	79.4	90	89	224	85.4	232	81.5	90	91	226	87.5	90	97	234	87.5	90	97	234	87.5	90	97	234
		NONE	-	-	40.6	50	42	222	45.4	230	42.3	50	44	224	47.1	60	50	232	47.1	60	50	232	47.1	60	50	232
		285A00	24.8	23.9	40.6	50	42	222	45.4	230	42.3	50	44	224	47.5	60	50	232	47.5	60	50	232	47.5	60	50	232
		286A00	49.6	47.7	69.1	70	64	222	75.1	230	71.3	80	66	224	77.3	80	71	232	77.3	80	71	232	77.3	80	71	232
		287A00	74.4	71.6	81.1	90	91	222	87.1	230	83.2	90	93	224	89.2	90	99	232	89.2	90	99	232	89.2	90	99	232
		NONE	-	-	42.5	50	45	249	47.3	257	44.2	50	47	251	49.0	60	52	259	49.0	60	52	259	49.0	60	52	259
		285A00	24.8	23.9	42.5	50	45	249	47.8	257	44.2	50	47	251	49.9	60	52	259	49.9	60	52	259	49.9	60	52	259
286A00	49.6	47.7	71.5	80	66	249	77.5	257	73.6	80	68	251	79.6	80	73	259	79.6	80	73	259	79.6	80	73	259		
287A00	74.4	71.6	83.5	90	93	249	89.5	257	85.6	90	95	251	91.6	100	101	259	91.6	100	101	259	91.6	100	101	259		

See: "Legend and Notes for Tables 1 - 4" on page 16.

**Table 4 - 50TC 17-30 Unit Wire/Fuse or HACR Breaker Sizing Data - 2-Speed Indoor Fan Motor (cont)**

UNIT	IFM TYPE	ELEC. HTR			NO C.O. or UNPWR C.O.										w/ PWRD C.O.									
		CRHEATER ***A00	Nom (kW)	FLA	NO PE.					w/ P.E. (pwrdr fr/unit)					NO PE.					w/ P.E. (pwrdr fr/unit)				
					MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA	MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	LRA
50TC**28	STD	NONE	-	-	127.8/126.9	175/175	133/132	590	139.6/138.7	175/175	147/146	610	132.6/131.7	175/175	139/138	595	144.4/143.5	175/175	152/151	615	615			
		279A00	18.8/25.0	52.1/60.1	127.8/126.9	175/175	133/132	590/590	139.6/138.7	175/175	147/146	610/610	132.6/131.7	175/175	139/138	595/595	144.4/143.5	175/175	152/151	615/615	615/615			
		280A00	37.6/50.0	104.2/120.3	147.3/136.2	175/175	135/153	590/590	162.0/150.9	175/175	149/167	610/610	153.3/142.2	175/175	141/158	595/595	168.0/156.9	175/175	155/172	615/615	615/615			
		281A00	56.3/75.0	156.4/180.4	173.4/196.3	200/225	196/222	590/590	188.2/211.0	200/225	209/236	610/610	179.4/202.3	200/225	201/228	595/595	194.2/217.0	200/250	215/241	615/615	615/615			
		NONE	-	-	131.3	175	137	586	143.1	175	151	606	136.1	175	143	591	147.9	175	156	611	611			
		279A00	18.8/25.0	52.1/60.1	131.3/131.3	175/175	137/137	586/586	143.1/143.1	175/175	151/151	606/606	136.1/136.1	175/175	143/143	591/591	147.9/147.9	175/175	156/156	611/611	611/611			
		280A00	37.6/50.0	104.2/120.3	151.6/141.7	175/175	139/158	586/586	166.4/156.4	175/175	153/172	606/606	157.6/147.7	175/175	145/164	591/591	172.4/162.4	175/175	159/177	611/611	611/611			
		281A00	56.3/75.0	156.4/180.4	177.8/201.8	200/225	200/227	586/586	192.5/216.5	200/250	213/241	606/606	183.8/207.8	200/225	205/233	591/591	198.5/222.5	200/250	219/246	611/611	611/611			
		NONE	-	-	142.7	175	150	665	154.5	200	164	685	147.5	175	156	670	159.3	200	169	690	690			
		279A00	18.8/25.0	52.1/60.1	142.7/142.7	175/175	150/150	665/665	154.5/154.5	200/200	164/164	685/685	147.5/147.5	175/175	156/156	670/670	159.3/159.3	200/200	169/169	690/690	690/690			
460-3-60	STD	NONE	-	-	51.9	60	54	302	58.1	70	61	314	54.1	60	57	304	60.3	70	64	316	316			
		282A00	25.0	30.1	51.9	60	54	302	58.1	70	61	314	54.1	60	57	304	60.3	70	64	316	316			
		283A00	50.0	60.1	68.1	80	76	302	75.9	80	84	314	70.9	80	79	304	78.6	80	86	316	316			
		284A00	75.0	90.2	98.2	100	111	302	106.0	125	118	314	101.0	110	114	304	108.7	125	121	316	316			
		NONE	-	-	54.1	60	57	300	60.3	70	64	312	56.3	70	59	302	62.5	80	66	314	314			
		282A00	25.0	30.1	54.1	60	57	300	60.3	70	64	312	56.3	70	59	302	62.5	80	66	314	314			
		283A00	50.0	60.1	70.9	80	79	300	78.6	80	86	312	73.6	80	82	302	81.4	90	89	314	314			
		284A00	75.0	90.2	101.0	110	114	300	108.7	125	121	312	103.7	125	116	302	111.5	125	123	314	314			
		NONE	-	-	59.8	70	63	340	66.0	80	70	352	62.0	80	66	342	68.2	80	73	354	354			
		282A00	25.0	30.1	59.8	70	63	340	66.0	80	70	352	62.0	80	66	342	68.2	80	73	354	354			
575-3-60	STD	NONE	-	-	41.7	50	44	244	46.5	60	49	252	43.4	50	46	246	48.2	60	51	254	254			
		285A00	24.8	23.9	41.7	50	44	244	46.5	60	49	252	43.4	50	46	246	48.2	60	51	254	254			
		286A00	49.6	47.7	67.4	70	62	244	73.4	80	68	252	69.5	70	64	246	75.5	80	69	254	254			
		287A00	74.4	71.6	79.4	90	89	244	85.4	90	95	252	81.5	90	91	246	87.5	90	97	254	254			
		NONE	-	-	43.1	50	45	242	47.9	60	51	250	44.8	50	47	244	49.6	60	53	252	252			
		285A00	24.8	23.9	43.1	50	45	242	47.9	60	51	250	44.8	50	47	244	49.6	60	53	252	252			
		286A00	49.6	47.7	69.1	70	64	242	75.1	80	69	250	71.3	80	66	244	77.3	80	71	252	252			
		287A00	74.4	71.6	81.1	90	91	242	87.1	90	97	250	83.2	90	93	244	89.2	90	99	252	252			
		NONE	-	-	45.0	50	47	269	49.8	60	53	277	46.7	60	49	271	51.5	60	55	279	279			
		285A00	24.8	23.9	45.0	50	47	269	49.8	60	53	277	46.7	60	49	271	51.5	60	55	279	279			
50TC**28	HIGH	286A00	49.6	47.7	71.5	80	66	289	71.5	80	71	277	73.6	80	68	271	79.6	80	73	279	279			
		287A00	74.4	71.6	83.5	90	93	269	88.5	100	99	277	85.6	90	95	271	91.6	100	101	279	279			

See: "Legend and Notes for Tables 1 - 4" on page 16.

**Table 4 - 50TC 17-30 Unit Wire/Fuse or HACR Breaker Sizing Data - 2-Speed Indoor Fan Motor (cont)**

UNIT	IFM TYPE	ELEC. HTR			NO C.O. or UNPWR C.O.												w/ PWRD C.O.									
		CRHEATER ***A00	Nom (kW)	FLA	NO PE.			w/ P.E. (pwrdr fr/unit)			NO PE.			w/ P.E. (pwrdr fr/unit)			w/ PWRD C.O.									
					MAX FUSE or HACR BRKR	FLA	LRA	MCA	DISC. SIZE	FLA	LRA	MCA	MAX FUSE or HACR BRKR	FLA	LRA	MCA	MAX FUSE or HACR BRKR	FLA	LRA	MCA	DISC. SIZE	FLA	LRA	MCA		
50TC**30	STD	NONE	-	-	-	141.5	175	148	702	153.3	200	162	722	146.3	175	154	707	158.1	200	167	727	158.1/158.1	200/200	167/167	727/727	727/727
		279A00	18.8/25.0	52.1/60.1	141.5/141.5	175/175	148/148	702/702	153.3/153.3	200/200	162/162	722/722	146.3/146.3	175/175	154/154	707/707	158.1/158.1	200/200	167/167	727/727	158.1/158.1	200/200	167/167	727/727	727/727	
		280A00	37.6/50.0	104.2/120.3	151.6/141.7	175/175	148/158	702/702	166.4/156.4	200/200	162/172	722/722	157.6/147.7	175/175	154/164	707/707	172.4/162.4	200/200	167/177	727/727	172.4/162.4	200/200	167/177	727/727	727/727	
		281A00	56.3/75.0	156.4/180.4	177.8/201.8	200/225	200/227	702/702	192.5/216.5	200/250	213/241	722/722	183.8/207.8	200/225	205/233	707/707	198.5/222.5	200/250	219/246	727/727	198.5/222.5	200/250	219/246	727/727	727/727	
208/230-3-60	MED	NONE	-	-	152.9	200	161	781	164.7	200	175	801	157.7	200	187	786	169.5	200	180	797	169.5	200	180	797	806	
		279A00	18.8/25.0	52.1/60.1	152.9/152.9	200/200	161/161	781/781	164.7/164.7	200/200	175/175	801/801	157.7/157.7	200/200	187/187	786/786	169.5/169.5	200/200	180/180	797/797	169.5/169.5	200/200	180/180	806/806		
		280A00	37.6/50.0	104.2/120.3	165.9/155.9	200/200	161/171	781/781	180.6/170.7	200/200	175/185	801/801	171.9/161.9	200/200	187/177	786/786	186.6/176.7	200/200	180/190	797/797	186.6/176.7	200/200	180/190	806/806		
		281A00	56.3/75.0	156.4/180.4	192.0/216.0	200/250	213/240	781/781	206.8/230.8	225/250	226/254	801/801	198.0/222.0	225/250	218/246	786/786	212.8/236.8	225/250	232/259	797/797	212.8/236.8	225/250	232/259	806/806		
460-3-60	STD	NONE	-	-	154.8	200	163	812	166.6	200	177	832	159.6	200	189	817	171.4	200	182	828	171.4	200	182	828	897	
		279A00	18.8/25.0	52.1/60.1	154.8/154.8	200/200	163/163	812/812	166.6/166.6	200/200	177/177	832/832	159.6/159.6	200/200	189/189	817/817	171.4/171.4	200/200	182/182	828/828	171.4/171.4	200/200	182/182	897/897		
		280A00	37.6/50.0	104.2/120.3	168.3/158.3	200/200	163/173	812/812	183.0/173.1	200/200	177/187	832/832	174.3/164.3	200/200	169/179	817/817	189.0/179.1	200/200	182/192	828/828	189.0/179.1	200/200	182/192	897/897		
		281A00	56.3/75.0	156.4/180.4	194.4/218.4	225/250	215/242	812/812	208.2/233.2	225/250	228/256	832/832	200.4/224.4	225/250	220/248	817/817	215.2/239.2	225/250	234/262	828/828	215.2/239.2	225/250	234/262	897/897		
50TC**30	MED	NONE	-	-	171.7	90	76	354	72.2	90	76	366	68.2	90	72	356	74.4	90	79	368	74.4	90	79	368	368	
		282A00	25.0	30.1	171.7	90	76	354	72.2	90	76	366	68.2	90	72	356	74.4	90	79	368	74.4	90	79	368		
		283A00	50.0	60.1	178.0	90	86	354	78.6	90	86	366	73.6	90	82	356	81.4	90	89	368	81.4	90	89	368		
		284A00	75.0	90.2	101.0	110	114	354	108.7	125	121	366	103.7	125	116	356	111.5	125	123	368	111.5	125	123	368		
460-3-60	HIGH	NONE	-	-	216.6	100	83	409	77.9	100	83	406	73.9	100	78	396	80.1	100	85	408	80.1	100	85	408	408	
		282A00	25.0	30.1	216.6	100	83	409	77.9	100	83	406	73.9	100	78	396	80.1	100	85	408	80.1	100	85	408		
		283A00	50.0	60.1	223.0	100	93	394	85.7	100	93	406	80.7	100	88	396	88.5	100	95	408	88.5	100	95	408		
		284A00	75.0	90.2	108.1	125	120	394	115.8	125	127	406	110.8	125	123	396	118.6	125	130	408	118.6	125	130	408		
575-3-60	STD	NONE	-	-	226.6	100	77	409	78.8	100	84	421	74.8	100	79	411	81.0	100	86	423	81.0	100	86	423	423	
		282A00	25.0	30.1	226.6	100	77	409	78.8	100	84	421	74.8	100	79	411	81.0	100	86	423	81.0	100	86	423		
		283A00	50.0	60.1	233.0	100	87	409	86.9	100	94	421	81.9	100	89	411	89.6	100	96	423	89.6	100	96	423		
		284A00	75.0	90.2	109.2	125	121	409	117.0	125	128	421	112.0	125	124	411	119.7	125	131	423	119.7	125	131	423		
575-3-60	MED	NONE	-	-	257.9	70	59	264	60.8	80	64	272	57.7	70	61	266	62.5	80	66	274	62.5	80	66	274	274	
		285A00	24.8	23.9	257.9	70	59	264	60.8	80	64	272	57.7	70	61	266	62.5	80	66	274	62.5	80	66	274		
		286A00	49.6	47.7	264.0	70	64	264	75.1	80	69	272	71.3	80	66	266	77.3	80	71	274	77.3	80	71	274		
		287A00	74.4	71.6	271.6	90	91	264	87.1	90	97	272	83.2	90	93	266	89.2	90	99	274	89.2	90	99	274		
575-3-60	HIGH	NONE	-	-	308.8	70	61	291	62.7	80	66	299	59.6	70	63	293	64.4	80	68	301	64.4	80	68	301	301	
		285A00	24.8	23.9	308.8	70	61	291	62.7	80	66	299	59.6	70	63	293	64.4	80	68	301	64.4	80	68	301		
		286A00	49.6	47.7	315.0	80	66	291	73.6	80	71	299	73.6	80	68	293	79.6	80	73	301	79.6	80	73	301		
		287A00	74.4	71.6	321.6	90	93	291	89.5	100	99	299	85.6	90	95	293	91.6	100	101	301	91.6	100	101	301		
575-3-60	HIGH	NONE	-	-	360.8	80	64	302	65.6	80	70	310	62.5	80	66	304	67.3	80	72	312	67.3	80	72	312	312	
		285A00	24.8	23.9	360.8	80	64	302	65.6	80	70	310	62.5	80	66	304	67.3	80	72	312	67.3	80	72	312		
		286A00	49.6	47.7	375.1	80	69	302	81.1	90	75	310	77.3	80	71	304	83.3	90	77	312	83.3	90	77	312		
		287A00	74.4	71.6	381.6	100	97	302	93.1	100	102	310	89.2	100	99	304	95.2	100	104	312	95.2	100	104	312		

See: "Legend and Notes for Tables 1 - 4" on page 16.

## Legend and Notes for Tables 1 - 4

### 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
MOCP	-	MAX FUSE or HACR Breaker
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.