

**48/50TC 7.5 to 12.5 Nominal Tons
Single Package Rooftop
Gas Heating/Electric Cooling Unit
& Cooling Only/Electric Heat Unit
with Puron® (R-410A) Refrigerant
Sizes: 08 – 14**



Electrical Data Supplement

FOR MODELS PRODUCED ON OR AFTER MAY 18, 2015 ONLY!

NOTE: Read the entire instruction manual before starting the installation

This supplement only applies to 48/50TC size 08 to 14 units manufactured on or after May 18, 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 2115 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	1	1	5	X	1	2	3	4	5

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

Manufacturing location	
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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.

C150230

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 08 to 14 units manufactured on or after May 18, 2015. Check the first 4 digits of the unit's Serial Number (located on the unit's nameplate) if the number listed is 2115 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 08-14 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*A08 (1-stage cool)	208/230-3-60	STD	40	60	38 191	44	60	43 195	45	60	44 196	49	60	48 200
		MED	43/43	60/60	42/42 244	47/47	60/60	46/46 248	48/48	60/60	47/47 249	52/52	60/60	52/52 253
		HIGH	48/47	60/60	48/47 260	52/51	60/60	52/51 264	53/52	60/60	53/52 265	57/56	80/80	58/57 269
	460-3-60	STD	20	30	19 113	22	30	21 115	22	30	21 115	24	30	23 117
		MED	22	30	21 140	23	30	23 142	24	30	23 142	26	30	25 144
		HIGH	24	30	23 148	26	30	25 150	26	30	26 150	28	35	28 152
	575-3-60	STD	15	20	14 89	18	25	18 93	16	20	16 91	20	25	20 95
		MED	16	20	15 104	20	25	19 108	17	25	17 106	21	25	21 110
		HIGH	19	25	18 118	22	30	23 122	20	25	20 120	24	30	24 124
48TC*D08 (2-stage cool)	208/230-3-60	STD	39	50	41 193	43	50	45 197	44	50	46 198	48	60	51 202
		MED	42/42	50/50	44/44 246	46/46	50/50	49/49 250	47/47	60/60	50/50 251	51/51	60/60	54/54 255
		HIGH	48/47	60/50	50/49 262	51/51	60/60	55/54 266	52/52	60/60	56/55 267	56/55	60/60	60/59 271
	460-3-60	STD	18	20	19 95	20	25	21 97	21	25	21 97	22	25	23 99
		MED	20	25	21 122	22	25	23 124	22	25	23 124	24	30	25 126
		HIGH	22	25	23 130	24	30	25 132	24	30	26 132	26	30	28 134
	575-3-60	STD	13	15	13 77	17	20	17 81	14	15	15 79	18	20	19 83
		MED	14	15	14 92	18	20	19 96	16	20	16 94	19	25	21 98
		HIGH	17	20	17 106	21	25	22 110	19	20	19 108	23	25	24 112
48TC*A09 (1-stage cool)	208/230-3-60	STD	46	60	43 222	49	60	48 226	50	60	49 227	54	80	53 231
		MED	47/47	60/60	45/45 260	51/51	60/60	50/49 264	52/52	60/60	51/51 265	56/56	80/80	55/55 269
		HIGH	51	60	50 289	55	80	54 293	56	80	55 294	60	80	59 298
	460-3-60	STD	23	30	22 108	25	30	24 110	25	30	24 110	27	40	26 112
		MED	24	30	23 127	26	30	25 129	26	30	25 129	28	40	27 131
		HIGH	26	30	25 142	28	40	27 144	28	40	27 144	30	40	29 146
	575-3-60	STD	19	30	17 91	22	30	22 95	20	30	19 93	24	30	24 97
		MED	19	30	18 95	23	30	22 99	21	30	20 97	24	30	24 101
		HIGH	20	30	19 106	24	30	23 110	21	30	21 108	25	30	25 112
48TC*D09 (2-stage cool)	208/230-3-60	STD	40	50	42 208	44	50	46 212	45	50	47 213	49	60	52 217
		MED	42/42	50/50	44/44 246	46/46	60/50	48/48 250	47/47	60/60	49/49 251	51/51	60/60	54/53 255
		HIGH	46	50	48 275	50	60	52 279	51	60	54 280	54	60	58 284
	460-3-60	STD	19	20	19 109	21	25	21 111	21	25	22 111	23	25	24 113
		MED	20	25	20 128	21	25	22 130	22	25	23 130	24	25	25 132
		HIGH	21	25	22 143	23	25	24 145	24	25	25 145	25	30	27 147
	575-3-60	STD	16	20	16 85	19	25	20 89	17	20	18 87	21	25	22 91
		MED	16	20	16 89	20	25	20 93	18	20	18 91	21	25	22 95
		HIGH	17	20	17 100	21	25	21 104	18	20	19 102	22	25	23 106

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

Table 1 - 48TC 08-14 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 P.E.			w/ P.E. (pwrdr fr/ unit)			NO P.E.			w/ P.E. (pwrdr fr/ unit)		
			MCA	MAX FUSE or HACR BRKR	FLA	LRA	DISC. SIZE	MCA	MAX FUSE or HACR BRKR	FLA	LRA	DISC. SIZE	MCA	MAX FUSE or HACR BRKR
48TC*A12 (1-stage cool)	208/230-3-60	STD	46	60	44	263	48	50	60	48	267	51	55	80
		MED	52	60	50	319	55	55	80	55	323	56	60	80
		HIGH	55/54	80/80	54/53	321	58/57	58/58	80/80	58/57	325	59/59	63/62	80/80
	460-3-60	STD	26	30	24	133	26	27	40	26	135	28	30	45
		MED	28	40	27	161	29	30	45	29	163	30	32	45
		HIGH	29	45	28	162	30	31	45	30	164	32	33	45
48TC*D12 (2-stage cool)	208/230-3-60	STD	19	30	18	95	22	23	30	22	99	21	24	30
		MED	20	30	19	106	23	24	30	23	110	21	25	30
		HIGH	23	30	22	120	26	26	30	26	124	24	28	35
	460-3-60	STD	44	50	46	258	50	48	60	50	262	49	53	60
		MED	50	60	52	314	56	53	60	56	318	54	58	70
		HIGH	53/52	60/60	55/54	316	60/59	56/55	60/60	60/59	320	57/56	61/60	70/70
48TC*D14 (2-stage cool)	208/230-3-60	STD	22	25	23	123	25	24	30	25	125	24	26	30
		MED	25	30	26	151	28	26	30	28	153	27	29	35
		HIGH	26	30	27	152	29	28	30	29	154	28	30	35
	575-3-60	STD	17	20	17	93	21	20	25	21	97	18	22	25
		MED	17	20	18	104	22	21	25	22	108	19	23	25
		HIGH	20	25	21	118	25	24	30	25	122	22	26	30
48TC*D14 (2-stage cool)	208/230-3-60	STD	63/63	80/80	65/65	389	69/69	66/66	80/80	69/69	393	67/67	71/71	80/80
		MED	65	80	68	403	72	69	80	72	407	70	73	80
		HIGH	68/67	80/80	71/70	405	75/74	72/71	80/80	75/74	409	-	-	-
	460-3-60	STD	29	35	30	193	32	31	40	32	195	31	33	40
		MED	30	40	31	200	33	32	40	33	202	33	34	40
		HIGH	31	40	33	201	35	33	40	35	203	34	35	45
575-3-60	575-3-60	STD	22	25	23	147	27	26	30	27	151	24	27	30
		MED	22	25	23	147	27	26	30	27	151	24	27	30
		HIGH	25	30	26	161	30	29	35	30	165	26	30	35

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

Table 2 – 48TC 08-14 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*D08 (1-stage cool)	208/230-3-60	STD	40/40	50/50	41/41	197	46/46	44/43	50/50	46/46	201	47/47	48/48	60/60	51/51	206
		MED	43/42	50/50	45/44	227	49/48	46/46	50/50	50/50	231	50/49	51/50	60/60	55/54	236
		HIGH	48/47	60/50	50/49	262	55/54	51/51	60/60	55/54	266	56/55	56/55	60/60	60/59	271
	460-3-60	STD	19	20	19	97	21	20	25	21	99	22	23	25	24	101
		MED	20	25	20	113	22	21	25	22	115	23	24	25	25	117
		HIGH	22	25	23	130	25	24	30	25	132	26	26	30	28	134
48TC*D09 (2-stage cool)	208/230-3-60	STD	14	15	14	79	19	18	20	19	83	16	19	25	21	85
		MED	16	20	16	92	21	19	25	21	96	17	20	25	23	98
		HIGH	18	20	18	106	23	22	25	23	110	20	23	25	24	112
	460-3-60	STD	41/41	50/50	43/42	212	47/47	45/45	50/50	47/47	216	48/48	50/49	60/60	52/52	221
		MED	42/42	50/50	44/44	216	48/48	46/46	60/50	50/50	220	50/49	51/51	60/60	54/54	225
		HIGH	46/45	60/50	48/47	266	53/52	50/49	60/60	53/52	270	54/53	55/54	60/60	58/57	275
48TC*D12 (2-stage cool)	208/230-3-60	STD	19	25	20	111	22	21	25	22	113	21	23	25	24	115
		MED	20	25	20	114	22	21	25	22	116	22	24	25	25	118
		HIGH	21	25	22	139	24	23	25	24	141	23	25	30	26	143
	575-3-60	STD	17	20	17	87	21	21	25	21	91	18	22	25	23	93
		MED	17	20	18	91	22	21	25	22	95	19	23	25	24	97
		HIGH	18	20	19	100	23	22	25	23	104	20	24	30	25	106
48TC*D14 (2-stage cool)	208/230-3-60	STD	46/46	60/60	48/47	255	52/52	50/50	60/60	52/52	259	53/53	55/54	60/60	58/57	264
		MED	50/49	60/60	52/51	305	56/55	54/53	60/60	56/55	309	58/56	58/57	70/70	62/61	314
		HIGH	53/52	60/60	55/54	316	60/59	56/55	60/60	60/59	320	61/60	61/60	70/70	65/64	325
	460-3-60	STD	23	30	23	122	26	25	30	26	124	25	27	30	28	126
		MED	24	30	25	147	27	26	30	27	149	26	28	30	30	151
		HIGH	26	30	27	152	29	28	30	29	154	28	30	35	32	156
48TC*D14 (2-stage cool)	208/230-3-60	STD	18	20	19	95	23	22	25	23	99	21	24	25	25	101
		MED	19	25	20	104	23	23	25	24	108	21	25	30	26	110
		HIGH	21	25	22	118	26	25	30	26	122	23	26	30	28	124
	575-3-60	STD	63/62	80/80	65/64	370	70/69	67/66	80/80	70/69	374	68/67	71/70	80/80	75/74	379
		MED	65/64	80/80	68/67	394	72/71	69/68	80/80	72/71	398	70/69	73/72	80/80	78/77	403
		HIGH	68/67	80/80	71/70	405	75/74	72/71	80/80	75/74	409	-	-	-	-	-
48TC*D14 (2-stage cool)	460-3-60	STD	29	35	30	184	32	31	40	32	186	31	33	40	34	188
		MED	30	40	31	196	33	32	40	33	198	32	34	40	35	200
		HIGH	31	40	33	201	35	33	40	35	203	34	35	45	37	205
	575-3-60	STD	24	30	24	147	29	27	30	29	151	25	26	35	31	153
		MED	24	30	24	147	29	27	30	29	151	25	26	35	31	153
		HIGH	25	30	26	161	31	29	35	31	165	27	28	35	33	167

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

Table 3 – 50TC 08-14 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	NO PE.			w/ P.E. (pwrd fr/unit)			NO PE.			w/ P.E. (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	
STD		NONE	—	—	40	60	38	191	44	60	43	195	45	60	44	196	49	60	48	200
		117A	7.8/10.4	21.7/25.0	40/40	60/60	38/38	191/191	44/44	60/60	43/43	195/195	45/45	60/60	44/44	196/196	49/49	60/60	48/48	200/200
		110A	12.0/16.0	33.4/38.5	49/55	60/60	44/50	191/191	53/60	60/60	49/55	195/195	55/61	60/70	50/56	196/196	59/66	60/70	54/60	200/200
		111A	18.6/24.8	51.7/59.7	72/82	80/90	65/75	191/191	76/86	80/90	70/79	195/195	78/88	80/90	71/80	196/196	82/92	90/100	75/85	200/200
		112A	24.0/32.0	66.7/77.0	90/103	90/110	83/95	191/191	95/108	100/110	87/99	195/195	96/109	100/110	88/100	196/196	101/114	110/125	93/104	200/200
208/230-3-60	112A+117A	31.8/42.4	88.4/102.0	117/134	125/150	108/123	191/191	122/139	125/150	112/128	195/195	123/140	125/150	113/129	196/196	128/145	150/150	118/133	200/200	
	NONE	—	—	43/43	60/60	42/42	244	47/47	60/60	46/46	248	48/48	60/60	47/47	249	52/52	60/60	52/52	253	
	117A	7.8/10.4	21.7/25.0	43/43	60/60	42/42	244/244	47/47	60/60	46/46	248/248	48/48	60/60	47/47	249/249	52/53	60/60	52/52	253/253	
	110A	12.0/16.0	33.4/38.5	53/59	60/60	48/54	244/244	57/64	60/70	52/58	248/248	59/65	60/70	54/59	249/249	63/70	70/70	58/64	253/253	
	111A	18.6/24.8	51.7/59.7	76/85	80/90	69/78	244/244	80/90	80/90	73/83	248/248	82/91	90/100	75/84	249/249	86/96	90/100	79/88	253/253	
HIGH	112A	24.0/32.0	66.7/77.0	94/107	100/110	86/98	244/244	99/112	100/125	91/102	248/248	100/113	100/125	92/104	249/249	105/118	110/125	96/108	253/253	
	112A+117A	31.8/42.4	88.4/102.0	121/138	125/150	111/127	244/244	126/143	150/150	116/131	248/248	127/144	150/150	117/132	249/249	132/149	150/150	121/137	253/253	
	NONE	—	—	48/47	60/60	48/47	260	52/51	60/60	52/51	264	53/52	60/60	53/52	265	57/56	80/80	58/57	269	
	117A	7.8/10.4	21.7/25.0	48/48	60/60	48/47	260/260	52/52	60/60	52/51	264/264	53/54	60/60	53/52	265/265	57/58	80/80	58/57	269/269	
	110A	12.0/16.0	33.4/38.5	59/64	60/70	54/59	260/260	64/69	70/70	59/63	264/264	65/70	70/70	60/64	265/265	70/75	80/80	60/69	269/269	
STD	111A	18.6/24.8	51.7/59.7	82/91	90/100	75/83	260/260	87/96	90/100	79/88	264/264	88/97	90/100	81/89	265/265	93/102	100/110	85/93	269/269	
	112A	24.0/32.0	66.7/77.0	101/113	110/125	92/103	260/260	106/117	110/125	97/108	264/264	107/119	110/125	98/109	265/265	112/123	125/125	102/113	269/269	
	112A+117A	31.8/42.4	88.4/102.0	128/144	150/150	117/132	260/260	133/149	150/150	122/136	264/264	134/150	150/150	123/137	265/265	139/155	150/175	127/142	269/269	
	NONE	—	—	20	30	19	113	22	30	21	115	22	30	21	115	24	30	23	117	
	116A	13.9	16.7	25	30	22	113	27	30	24	115	27	30	25	115	30	30	27	117	
460-3-60	113A	16.5	19.8	28	30	26	113	31	35	28	115	31	35	28	115	33	35	30	117	
	114A	27.8	33.4	45	50	41	113	48	50	43	115	48	50	44	115	50	60	46	117	
	115A	33.0	39.7	53	60	49	113	56	60	51	115	56	60	51	115	58	60	53	117	
	114A+116A	41.7	50.2	66	70	61	113	69	70	63	115	69	70	63	115	71	80	65	117	
	NONE	—	—	22	30	21	140	23	30	23	142	24	30	23	142	26	30	25	144	
575-3-60	116A	13.9	16.7	27	30	24	140	29	30	26	142	29	30	27	142	32	35	29	144	
	113A	16.5	19.8	30	30	28	140	33	35	30	142	33	35	30	142	35	40	32	144	
	114A	27.8	33.4	47	50	43	140	50	50	44	142	50	50	46	142	52	60	48	144	
	115A	33.0	39.7	55	60	50	140	58	60	53	142	58	60	53	142	60	60	55	144	
	114A+116A	41.7	50.2	68	70	63	140	71	80	65	142	71	80	65	142	73	80	67	144	
STD	NONE	—	—	24	30	23	148	26	30	25	150	26	30	26	150	28	35	28	152	
	116A	13.9	16.7	29	30	27	148	32	35	29	150	32	35	29	150	34	35	31	152	
	113A	16.5	19.8	33	35	30	148	35	35	32	150	36	40	33	150	38	40	35	152	
	114A	27.8	33.4	50	50	46	148	52	60	48	150	53	60	48	150	55	60	50	152	
	115A	33.0	39.7	58	60	53	148	60	60	55	150	61	70	56	150	63	70	58	152	
575-3-60	114A+116A	41.7	50.2	71	80	65	148	73	80	67	150	74	80	68	150	76	80	70	152	
	NONE	—	—	15	20	14	89	18	25	18	93	16	20	16	91	20	25	20	95	
	118A	17.0	20.4	28	30	25	89	33	35	30	93	30	30	27	91	35	35	32	95	
	119A	34.0	40.9	54	60	49	89	58	60	53	93	56	60	51	91	60	70	55	95	
	NONE	—	—	16	20	15	104	20	25	19	108	17	25	17	106	21	25	21	110	
MED	118A	17.0	20.4	29	30	27	104	34	35	31	108	32	35	29	106	36	40	33	110	
	119A	34.0	40.9	55	60	50	104	60	60	55	108	57	60	52	106	62	70	57	110	
	NONE	—	—	19	25	18	118	22	30	23	122	20	25	20	120	24	30	24	124	
	118A	17.0	20.4	33	35	30	118	38	40	34	122	35	35	32	120	40	40	36	124	
	119A	34.0	40.9	59	60	53	118	63	70	58	122	61	70	55	120	65	70	60	124	

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

Table 3 - 50TC 08-14 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	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				
50TC+D08 (2-stage cool)	STD	NONE	—	—	39	50	41	193	43	50	45	197	44	48	50	46	198	51	202	
		117A	7.8/10.4	21.7/25.0	39/39	50/50	41/41	193/193	43/43	50/50	45/45	197/197	44/44	48/48	50/50	46/46	198/198	51/51	202/202	
		110A	12.0/16.0	33.4/38.5	49/55	50/60	44/50	193/193	53/60	60/60	49/55	197/197	55/61	59/66	60/70	50/56	198/198	54/60	202/202	
		111A	18.6/24.8	51.7/59.7	72/82	80/90	65/75	193/193	76/86	80/90	70/79	197/197	78/88	82/92	90/100	80/90	71/80	198/198	75/85	202/202
		112A	24.0/32.0	66.7/77.0	90/103	90/110	83/95	193/193	95/108	100/110	87/99	197/197	96/109	101/114	110/125	100/110	88/100	93/104	202/202	
		112A+117A	31.8/42.4	88.4/102.0	117/134	125/150	108/123	193/193	122/139	125/150	112/128	197/197	123/140	128/145	150/150	113/129	198/198	118/133	202/202	
	MED	NONE	—	—	42/42	50/50	44/44	246	46/46	50/50	49/49	250	47/47	51/51	60/60	50/50	251	54/54	255	
		117A	7.8/10.4	21.7/25.0	42/42	50/50	44/44	246/246	46/47	50/50	49/49	250/250	47/48	51/53	60/60	50/50	251/251	54/54	255/255	
		110A	12.0/16.0	33.4/38.5	53/59	60/60	48/54	246/246	57/64	60/70	52/58	250/250	59/65	63/70	70/70	54/59	251/251	58/64	255/255	
		111A	18.6/24.8	51.7/59.7	76/85	80/90	69/78	246/246	80/90	80/90	73/83	250/250	82/91	86/96	90/100	75/84	251/251	79/88	255/255	
		112A	24.0/32.0	66.7/77.0	94/107	100/110	86/98	246/246	99/112	100/125	91/102	250/250	100/113	105/118	110/125	92/104	251/251	96/108	255/255	
		112A+117A	31.8/42.4	88.4/102.0	121/138	125/150	111/127	246/246	126/143	150/150	116/131	250/250	127/144	132/149	150/150	117/132	251/251	121/137	255/255	
HIGH	NONE	—	—	48/47	60/50	50/49	262	51/51	60/60	55/54	266	52/52	56/55	60/60	56/55	267	60/59	271		
	117A	7.8/10.4	21.7/25.0	48/48	60/50	50/49	262/262	51/52	60/60	55/54	266/266	52/54	56/58	60/60	56/55	267/267	60/59	271/271		
	110A	12.0/16.0	33.4/38.5	59/64	60/70	54/59	262/262	64/69	70/70	58/63	266/266	65/70	70/75	70/80	60/64	267/267	64/69	271/271		
	111A	18.6/24.8	51.7/59.7	82/91	90/100	75/83	262/262	87/96	90/100	79/88	266/266	88/97	93/102	100/110	81/89	267/267	85/93	271/271		
	112A	24.0/32.0	66.7/77.0	101/113	110/125	92/103	262/262	106/117	110/125	97/108	266/266	107/119	112/123	125/125	98/109	267/267	102/113	271/271		
	112A+117A	31.8/42.4	88.4/102.0	128/144	150/150	117/132	262/262	133/149	150/150	122/136	266/266	134/150	139/155	150/175	123/137	267/267	127/142	271/271		
460-3-60	STD	NONE	—	—	18	20	19	95	20	25	21	97	21	22	25	21	97	23	99	
		116A	13.9	16.7	25	25	22	95	27	30	24	97	27	30	30	25	97	30	99	
		113A	16.5	19.8	28	30	26	95	31	35	28	97	31	33	35	28	97	30	99	
		114A	27.8	33.4	45	50	41	95	48	50	43	97	48	50	60	44	97	46	99	
		115A	33.0	39.7	53	60	49	95	56	60	51	97	56	58	60	51	97	53	99	
		114A+116A	41.7	50.2	66	70	61	95	69	70	63	97	69	71	80	63	97	65	99	
	MED	NONE	—	—	20	25	21	122	22	25	23	124	22	24	25	23	124	25	126	
		116A	13.9	16.7	27	30	24	122	29	30	26	124	29	32	35	27	124	32	126	
		113A	16.5	19.8	30	30	28	122	33	35	30	124	33	35	40	30	124	32	126	
		114A	27.8	33.4	47	50	43	122	50	50	45	124	50	52	60	46	124	48	126	
		115A	33.0	39.7	55	60	50	122	58	60	53	124	58	60	60	53	124	55	126	
		114A+116A	41.7	50.2	68	70	63	122	71	80	65	124	71	73	80	65	124	67	126	
575-3-60	STD	NONE	—	—	22	25	23	130	24	30	25	132	24	26	30	26	132	28	134	
		116A	13.9	16.7	29	30	27	130	32	35	29	132	32	34	35	29	132	31	134	
		113A	16.5	19.8	33	35	30	130	35	35	32	132	36	38	40	33	132	35	134	
		114A	27.8	33.4	50	50	46	130	52	60	48	132	53	55	60	48	132	50	134	
		115A	33.0	39.7	58	60	53	130	60	60	55	132	61	63	70	56	132	58	134	
		114A+116A	41.7	50.2	71	80	65	130	73	80	67	132	74	76	80	68	132	70	134	
	MED	NONE	—	—	13	15	13	77	17	20	17	81	14	15	20	15	79	19	83	
		118A	17.0	20.4	28	30	25	77	33	35	30	81	30	35	35	27	79	32	83	
		119A	34.0	40.9	54	60	49	77	58	60	53	81	56	60	70	51	79	55	83	
		NONE	—	—	14	15	14	92	18	20	19	96	16	19	25	16	94	21	98	
		118A	17.0	20.4	29	30	27	92	34	35	31	96	32	36	40	33	94	36	98	
		119A	34.0	40.9	55	60	50	92	60	60	55	96	57	62	70	52	94	62	98	
HIGH	NONE	—	—	17	20	17	106	21	25	22	110	19	23	25	19	108	24	112		
	118A	17.0	20.4	33	35	30	106	38	40	34	110	35	40	40	32	108	36	112		
	119A	34.0	40.9	59	60	53	106	63	70	58	110	61	65	70	55	108	60	112		
	NONE	—	—	13	15	13	77	17	20	17	81	14	15	20	15	79	19	83		
	118A	17.0	20.4	28	30	25	77	33	35	30	81	30	35	35	27	79	32	83		
	119A	34.0	40.9	54	60	49	77	58	60	53	81	56	60	70	51	79	55	83		

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

Table 3 – 50TC 08-14 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 BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or BRKR	DISC. SIZE FLA LRA			
50TCA09 (1-stage cool)	STD	NONE	—	—	60	43	222	49	60	48	226	50	60	49	227	54	80	53	231
		117A	7.8/10.4	21.7/25.0	46/46	60/60	43/43	222/222	49/49	60/60	48/48	226/226	50/50	60/60	49/49	227/227	54/54	80/80	53/53
		110A	12.0/16.0	33.4/38.5	49/55	60/60	44/50	222/222	53/60	60/60	49/55	226/226	55/61	60/70	50/56	227/227	59/66	80/80	54/60
		111A	18.6/24.8	51.7/59.7	72/82	80/90	65/75	222/222	76/86	80/90	70/79	226/226	78/88	80/90	71/80	227/227	82/92	90/100	75/85
		112A	24.0/32.0	66.7/77.0	90/103	90/110	83/95	222/222	95/108	100/110	87/99	226/226	96/109	100/110	88/100	227/227	101/114	110/125	93/104
	MED	112A+117A	31.8/42.4	88.4/102.0	117/134	125/150	108/123	222/222	122/139	125/150	112/128	226/226	123/140	125/150	113/129	227/227	128/145	150/150	118/133
		NONE	—	—	47/47	60/60	45/45	260	51/51	60/60	50/49	264	52/52	60/60	51/51	265	56/56	80/80	55/55
		117A	7.8/10.4	21.7/25.0	47/47	60/60	45/45	260/260	51/51	60/60	50/49	264/264	52/52	60/60	51/51	265/265	56/56	80/80	55/55
		110A	12.0/16.0	33.4/38.5	51/57	60/60	46/52	260/260	56/62	60/70	51/56	264/264	57/63	60/80	52/58	265/265	62/68	80/80	56/62
		111A	18.6/24.8	51.7/59.7	74/83	80/90	67/76	260/260	78/88	80/90	72/81	264/264	80/89	80/90	73/82	265/265	84/94	90/100	77/86
460-3-60	HIGH	112A	24.0/32.0	66.7/77.0	92/105	100/110	85/96	260/260	97/110	100/110	89/101	264/264	98/111	100/125	90/102	265/265	103/116	110/125	95/106
		112A+117A	31.8/42.4	88.4/102.0	120/136	125/150	110/125	260/260	124/141	125/150	114/129	264/264	126/142	150/150	115/131	265/265	130/147	150/150	119/135
		NONE	—	—	51	60	50	289	55	80	54	293	56	80	55	294	60	80	59
		117A	7.8/10.4	21.7/25.0	51/51	60/60	50/50	289/289	55/55	80/80	54/54	293/293	56/56	80/80	55/55	294/294	60/60	80/80	59/59
		110A	12.0/16.0	33.4/38.5	55/62	60/70	51/56	289/289	60/67	80/80	55/61	293/293	61/68	80/80	56/62	294/294	66/73	80/80	60/66
	STD	111A	18.6/24.8	51.7/59.7	78/88	80/90	72/81	289/289	83/93	90/100	76/85	293/293	84/94	90/100	77/86	294/294	89/99	90/100	82/91
		112A	24.0/32.0	66.7/77.0	97/110	100/110	89/101	289/289	102/115	110/125	93/105	293/293	103/116	110/125	94/106	294/294	108/121	110/125	99/111
		112A+117A	31.8/42.4	88.4/102.0	124/141	125/150	114/129	289/289	129/146	150/150	118/134	293/293	130/147	150/150	119/135	294/294	135/152	150/175	124/139
		NONE	—	—	23	30	22	108	25	30	24	110	25	30	24	110	27	40	26
		116A	13.9	16.7	25	30	22	108	27	30	24	110	27	30	25	110	30	40	27
575-3-60	MED	113A	16.5	19.8	28	30	26	108	31	35	28	110	31	35	28	110	33	40	30
		114A	27.8	33.4	45	50	41	108	48	50	44	110	48	50	44	110	50	60	46
		115A	33.0	39.7	53	60	49	108	56	60	51	110	56	60	51	110	58	60	53
		114A+116A	41.7	50.2	66	70	61	108	69	70	63	110	69	70	63	110	71	80	65
		NONE	—	—	24	30	23	127	26	30	25	129	26	30	25	129	28	40	27
	STD	116A	13.9	16.7	26	30	23	127	28	30	25	129	28	30	26	129	31	40	28
		113A	16.5	19.8	29	30	27	127	32	35	29	129	32	40	29	129	34	40	31
		114A	27.8	33.4	46	50	42	127	49	50	44	129	49	50	45	129	51	60	47
		115A	33.0	39.7	54	60	50	127	57	60	52	129	57	60	52	129	59	60	54
		114A+116A	41.7	50.2	67	70	62	127	70	70	64	129	70	70	64	129	72	80	66
HIGH	NONE	—	—	26	30	25	142	28	40	27	144	28	40	27	144	30	40	29	
	116A	13.9	16.7	28	30	25	142	30	40	27	144	31	40	28	144	33	40	30	
	113A	16.5	19.8	32	35	29	142	34	40	31	144	35	40	31	144	37	40	33	
	114A	27.8	33.4	49	50	45	142	51	60	47	144	52	60	47	144	54	60	49	
	115A	33.0	39.7	57	60	52	142	59	60	54	144	59	60	54	144	62	70	56	
50TCA09 (1-stage cool)	STD	114A+116A	41.7	50.2	70	70	64	142	80	66	144	73	80	66	144	75	80	68	146
		NONE	—	—	19	30	17	91	22	30	22	95	20	30	19	93	24	30	
		118A	17.0	20.4	28	30	25	91	33	35	30	95	30	30	27	93	35	35	
		119A	34.0	40.9	54	60	49	91	58	60	53	95	56	60	51	93	60	70	
		NONE	—	—	19	30	18	95	23	30	22	99	21	30	20	97	24	30	
575-3-60	MED	118A	17.0	20.4	28	30	26	95	33	35	30	99	31	35	28	97	35	35	101
		119A	34.0	40.9	54	60	49	95	59	60	54	99	56	60	51	97	61	70	56
		NONE	—	—	19	30	18	95	23	30	22	99	21	30	20	97	24	30	
		118A	17.0	20.4	28	30	26	95	33	35	30	99	31	35	28	97	35	35	
		119A	34.0	40.9	54	60	49	95	59	60	54	99	56	60	51	97	61	70	
50TCA09 (1-stage cool)	HIGH	NONE	—	—	20	30	19	106	24	30	23	110	21	30	21	108	25	30	25
		118A	17.0	20.4	29	30	27	106	34	35	31	110	32	35	29	108	36	40	33
		119A	34.0	40.9	55	60	50	106	60	60	55	110	57	60	52	108	62	70	57
		NONE	—	—	20	30	19	106	24	30	23	110	21	30	21	108	25	30	
		118A	17.0	20.4	29	30	27	106	34	35	31	110	32	35	29	108	36	40	

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

Table 3 - 50TC 08-14 Unit Wire/Fuse or HACR Breaker Sizing Data - Single Speed Indoor Fan Motor (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 PE.			w/ P.E. (pwrd fr/unit)			NO PE.			w/ P.E. (pwrd fr/unit)		
					MCA	MAX FUSE or HACR BRKR	DISC. SIZE	MCA	MAX FUSE or HACR BRKR	DISC. SIZE	MCA	MAX FUSE or HACR BRKR	DISC. SIZE	MCA	MAX FUSE or HACR BRKR	DISC. SIZE
							FLA	LRA			FLA	LRA			FLA	LRA
50TC'D09 (2-stage cool)	460-3-60	STD	NONE	—	40	50	42	208	44	50	44	50	46	212	45	213
			117A	7.8/10.4	21.7/25.0	40/40	42/42	208/208	44/44	50/50	46/46	212/212	46/46	212/212	45/45	213/213
			110A	12.0/16.0	33.4/38.5	49/55	44/50	208/208	53/60	80/60	49/55	212/212	49/55	212/212	55/61	213/213
			111A	18.6/24.8	51.7/59.7	72/82	65/75	208/208	76/86	80/90	70/79	212/212	78/88	212/212	80/90	213/213
			112A	24.0/32.0	66.7/77.0	90/103	83/95	208/208	95/108	100/110	87/99	212/212	96/109	212/212	101/114	213/213
		MED	112A+117A	31.8/42.4	88.4/102.0	117/134	108/123	208/208	122/139	125/150	112/128	212/212	123/140	213/213	128/145	150/150
			NONE	—	42/42	50/50	44/44	246	46/46	60/50	48/48	250	47/47	251	51/51	255
			117A	7.8/10.4	21.7/25.0	42/42	44/44	246/246	46/46	60/50	48/48	250/250	47/47	251/251	51/51	255/255
			110A	12.0/16.0	33.4/38.5	51/57	46/52	246/246	56/62	80/70	51/56	250/250	57/63	251/251	62/68	255/255
			111A	18.6/24.8	51.7/59.7	74/83	67/76	246/246	78/88	80/90	72/81	250/250	80/89	251/251	84/94	255/255
50TC'D09 (2-stage cool)	460-3-60	HIGH	112A	24.0/32.0	66.7/77.0	92/105	85/96	246/246	97/110	100/110	89/101	250/250	98/111	251/251	103/116	255/255
			112A+117A	31.8/42.4	88.4/102.0	120/136	110/125	246/246	124/141	125/150	114/129	250/250	126/142	251/251	130/147	255/255
			NONE	—	46	50	48	275	50	60	52	279	51	280	54	284
			117A	7.8/10.4	21.7/25.0	46/46	48/48	275/275	50/50	60/60	52/52	279/279	51/51	280/280	54/54	284/284
			110A	12.0/16.0	33.4/38.5	55/62	51/56	275/275	60/67	80/70	55/61	279/279	61/68	280/280	66/73	284/284
		STD	111A	18.6/24.8	51.7/59.7	78/88	72/81	275/275	83/93	90/100	76/85	279/279	84/94	280/280	89/99	284/284
			112A	24.0/32.0	66.7/77.0	97/110	89/101	275/275	102/115	110/125	93/105	279/279	103/116	280/280	108/121	284/284
			112A+117A	31.8/42.4	88.4/102.0	124/141	114/129	275/275	129/146	150/150	118/134	279/279	130/147	280/280	135/152	284/284
			NONE	—	19	20	19	109	21	25	21	111	21	111	23	24
			116A	13.9	16.7	25	22	109	27	30	24	111	27	111	30	27
50TC'D09 (2-stage cool)	460-3-60	MED	113A	16.5	19.8	28	26	109	31	35	28	111	31	111	33	30
			114A	27.8	33.4	45	41	109	48	50	43	111	48	111	50	46
			115A	33.0	39.7	53	49	109	56	60	51	111	56	111	58	53
			114A+116A	41.7	50.2	66	61	109	69	70	63	111	69	111	71	65
			NONE	—	20	25	20	128	21	25	22	130	22	130	24	25
		HIGH	116A	13.9	16.7	26	23	128	28	30	25	130	28	130	31	28
			113A	16.5	19.8	29	27	128	32	35	29	130	32	130	34	35
			114A	27.8	33.4	46	42	128	49	50	44	130	49	130	51	47
			115A	33.0	39.7	54	50	128	57	60	52	130	57	130	59	54
			114A+116A	41.7	50.2	67	62	128	70	70	64	130	70	130	72	66
575-3-60	575-3-60	STD	NONE	—	21	25	22	143	23	25	24	145	24	145	25	30
			116A	13.9	16.7	28	25	143	30	30	27	145	31	145	33	35
			113A	16.5	19.8	32	29	143	34	35	31	145	35	145	37	40
			114A	27.8	33.4	49	45	143	51	60	47	145	52	145	54	60
			115A	33.0	39.7	57	52	143	59	60	54	145	59	145	62	70
		MED	114A+116A	41.7	50.2	70	64	143	72	80	66	145	73	145	75	80
			NONE	—	16	20	16	85	19	25	20	89	17	87	21	25
			118A	17.0	20.4	28	25	85	33	35	30	89	30	87	35	35
			119A	34.0	40.9	54	49	85	58	60	53	89	56	87	60	70
			NONE	—	16	20	16	89	20	25	20	93	18	91	21	25
575-3-60	575-3-60	HIGH	118A	17.0	20.4	28	26	89	33	35	30	93	31	93	35	35
			119A	34.0	40.9	54	49	89	59	60	54	93	56	91	61	70
			NONE	—	17	20	17	100	21	25	21	104	18	102	22	25
			118A	17.0	20.4	29	27	100	34	35	31	104	32	102	36	35
			119A	34.0	40.9	55	50	100	60	60	55	104	57	102	62	70
		STD	NONE	—	19	20	19	109	21	25	21	111	21	111	23	24
			116A	13.9	16.7	25	22	109	27	30	24	111	27	111	30	27
			113A	16.5	19.8	28	26	109	31	35	28	111	31	111	33	30
			114A	27.8	33.4	45	41	109	48	50	43	111	48	111	50	46
			115A	33.0	39.7	53	49	109	56	60	51	111	56	111	58	53

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

Table 3 - 50TC 08-14 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. (pwrdr fr/unit)			NO PE.			w/ P.E. (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
50TC*A12 (1-stage cool)	STD	NONE	—	—	46	60	44	263	50	60	48	267	51	60	50	268	55	80	54	272				
		117A	7.8/10.4	21.7/25.0	46/46	60/60	44/44	263/263	50/50	60/60	48/48	267/267	51/51	60/60	50/50	268/268	55/55	80/80	54/54	272/272				
		110A	12.0/16.0	33.4/38.5	49/55	60/60	44/50	263/263	53/60	60/60	49/55	267/267	55/61	60/60	50/56	268/268	59/66	80/80	54/60	272/272				
		112A	24.0/32.0	68.7/77.0	90/103	90/110	83/95	263/263	95/108	100/110	87/99	267/267	96/109	100/110	88/100	268/268	101/114	110/125	93/104	272/272				
		112A+117A	31.8/42.4	88.4/102.0	117/134	125/150	108/123	263/263	122/139	125/150	112/128	267/267	123/140	125/150	113/129	268/268	128/145	150/150	118/133	272/272				
	MED	112A+110A	37.6/50.0	104.2/120.3	137/127	150/150	126/144	263/263	142/132	150/150	130/149	267/267	143/133	150/150	131/150	268/268	148/138	150/150	136/154	272/272				
		NONE	—	—	52	60	50	319	55	80	55	323	56	80	56	324	60	80	60	328				
		117A	7.8/10.4	21.7/25.0	52/52	60/60	50/50	319/319	55/55	80/80	55/55	323/323	56/56	80/80	56/56	324/324	60/60	80/80	60/60	328/328				
		110A	12.0/16.0	33.4/38.5	55/62	60/80	51/56	319/319	60/67	80/80	55/61	323/323	61/68	80/80	56/62	324/324	66/73	80/80	60/66	328/328				
		112A	24.0/32.0	68.7/77.0	97/110	100/110	89/101	319/319	102/115	110/125	93/105	323/323	103/116	110/125	94/106	324/324	108/121	110/125	99/111	328/328				
HIGH	112A+117A	31.8/42.4	88.4/102.0	124/141	125/150	114/129	319/319	129/146	150/150	118/134	323/323	130/147	150/150	119/135	324/324	135/152	150/175	124/139	328/328					
	112A+110A	37.6/50.0	104.2/120.3	144/134	150/150	132/151	319/319	149/139	150/150	136/155	323/323	150/147	150/150	137/156	324/324	155/175	142/160	138/328	328/328					
	NONE	—	—	55/54	80/80	54/53	321	58/58	80/80	58/57	325	59/59	80/80	59/58	326	63/62	80/80	64/63	330					
	117A	7.8/10.4	21.7/25.0	55/54	80/80	54/53	321/321	58/58	80/80	58/57	325/325	59/59	80/80	59/58	326/326	63/62	80/80	64/63	330/330					
	110A	12.0/16.0	33.4/38.5	59/64	80/80	54/59	321/321	64/69	80/80	58/63	325/325	65/70	80/80	60/64	326/326	70/75	80/80	64/69	330/330					
STD	112A	24.0/32.0	68.7/77.0	101/113	110/125	92/103	321/321	106/117	110/125	97/108	325/325	107/119	110/125	98/109	326/326	112/123	125/125	102/113	330/330					
	112A+117A	31.8/42.4	88.4/102.0	128/144	150/150	117/132	321/321	133/149	150/150	122/136	325/325	134/150	150/150	123/137	326/326	139/155	150/175	127/142	330/330					
	112A+110A	37.6/50.0	104.2/120.3	148/137	150/150	135/153	321/321	152/141	175/175	140/157	325/325	154/143	175/175	141/158	326/326	158/147	145/163	137/330	330/330					
	NONE	—	—	26	30	24	133	27	40	26	135	28	40	27	135	30	45	29	137					
	116A	13.9	16.7	26	30	24	133	27	40	26	135	28	40	27	135	30	45	29	137					
MED	113A	16.5	19.8	28	30	26	133	31	40	28	135	31	40	28	135	33	45	30	137					
	115A	33.0	39.7	53	60	49	133	56	60	51	135	56	60	51	135	58	60	53	137					
	114A+116A	41.7	50.2	66	70	61	133	69	70	63	135	69	70	63	135	71	80	65	137					
	115A+113A	50.0	60.1	64	70	72	133	66	70	74	135	67	70	75	135	69	70	77	137					
	NONE	—	—	28	40	27	161	30	45	29	163	30	45	30	163	32	45	32	165					
HIGH	116A	13.9	16.7	28	40	27	161	30	45	29	163	31	45	30	163	33	45	32	165					
	113A	16.5	19.8	32	40	29	161	34	45	31	163	35	45	31	163	37	45	33	165					
	115A	33.0	39.7	58	60	52	161	59	60	54	163	59	60	54	163	62	70	56	165					
	114A+116A	41.7	50.2	70	70	64	161	72	80	66	163	73	80	66	163	75	80	68	165					
	115A+113A	50.0	60.1	67	80	75	161	69	80	77	163	70	80	78	163	72	80	80	165					
STD	NONE	—	—	29	45	28	162	31	45	30	164	32	45	31	164	33	45	33	166					
	116A	13.9	16.7	29	45	28	162	32	45	30	164	32	45	31	164	34	45	33	166					
	113A	16.5	19.8	33	45	30	162	35	45	32	164	36	45	33	164	38	45	35	166					
	115A	33.0	39.7	58	60	53	162	60	60	55	164	61	70	56	164	63	70	58	166					
	114A+116A	41.7	50.2	71	80	65	162	73	80	67	164	74	80	68	164	76	80	70	166					
HIGH	115A+113A	50.0	60.1	69	80	76	162	71	80	79	164	71	80	79	164	74	80	81	166					
	NONE	—	—	19	30	18	95	23	30	22	99	21	30	20	97	24	30	24	101					
	118A	17.0	20.4	28	30	26	95	33	35	30	99	31	35	28	97	35	35	32	101					
	119A	34.0	40.9	54	60	49	95	59	60	54	99	56	60	51	97	61	70	56	101					
	118A+119A	51.0	61.3	64	70	73	95	69	80	77	99	66	70	75	97	71	80	79	101					
MED	NONE	—	—	20	30	19	106	24	30	23	110	21	30	21	108	25	30	25	112					
	118A	17.0	20.4	29	30	27	106	34	35	31	110	32	35	29	108	36	40	33	112					
	119A	34.0	40.9	55	60	50	106	60	60	55	110	57	60	52	108	62	70	57	112					
	118A+119A	51.0	61.3	65	70	74	106	70	80	78	110	67	70	76	108	72	80	80	112					
	NONE	—	—	23	30	22	120	26	30	26	124	24	30	24	122	28	35	28	126					
HIGH	118A	17.0	20.4	33	35	30	120	38	40	34	124	35	35	32	122	40	40	36	126					
	119A	34.0	40.9	59	60	53	120	63	70	58	124	61	70	55	122	65	70	60	126					
	118A+119A	51.0	61.3	69	80	77	120	74	80	81	124	71	80	79	122	76	80	83	126					
	NONE	—	—	23	30	22	120	26	30	26	124	24	30	24	122	28	35	28	126					
	118A	17.0	20.4	33	35	30	120	38	40	34	124	35	35	32	122	40	40	36	126					
HIGH	119A	34.0	40.9	59	60	53	120	63	70	58	124	61	70	55	122	65	70	60	126					
	118A+119A	51.0	61.3	69	80	77	120	74	80	81	124	71	80	79	122	76	80	83	126					
	NONE	—	—	23	30	22	120	26	30	26	124	24	30	24	122	28	35	28	126					
	118A	17.0	20.4	33	35	30	120	38	40	34	124	35	35	32	122	40	40	36	126					
	119A	34.0	40.9	59	60	53	120	63	70	58	124	61	70	55	122	65	70	60	126					
HIGH	118A+119A	51.0	61.3	69	80	77	120	74	80	81	124	71	80	79	122	76	80	83	126					
	NONE	—	—	23	30	22	120	26	30	26	124	24	30	24	122	28	35	28	126					
	118A	17.0	20.4	33	35	30	120	38	40	34	124	35	35	32	122	40	40	36	126					
	119A	34.0	40.9	59	60	53	120	63	70	58	124	61	70	55	122	65	70	60	126					
	118A+119A	51.0	61.3	69	80	77	120	74	80	81	124	71	80	79	122	76	80	83	126					

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

Table 3 - 50TC 08-14 Unit Wire/Fuse or HACR Breaker Sizing Data - Single Speed Indoor Fan Motor (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 PE.			w/ P.E. (pwrd fr/unit)			NO PE.			w/ P.E. (pwrd fr/unit)										
					MCA	MAX FUSE or BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or BRKR	DISC. SIZE FLA LRA	MCA	MAX FUSE or BRKR	DISC. SIZE FLA LRA								
STD		NONE	—	—	44	50	46	258	48	60	60/60	50/50	50	262	49	60	60/60	51/51	263/263	53	60	60/60	56/56	267/267
		117A	7.8/10.4	21.7/25.0	44/44	50/50	46/46	258/258	48/48	60/60	50/50	262/262	262/262	49/49	60/60	51/51	263/263	53/53	60/60	56/56	267/267			
		110A	12.0/16.0	33.4/38.5	49/55	50/60	46/50	258/258	53/60	60/60	50/55	262/262	262/262	55/61	60/70	51/56	263/263	59/66	60/70	56/60	267/267			
		112A	24.0/32.0	66.7/77.0	90/103	90/110	83/95	258/258	95/108	100/110	87/99	262/262	262/262	96/109	100/110	88/100	263/263	101/114	110/125	93/104	267/267			
208/230-3-60		112A+117A	31.8/42.4	88.4/102.0	117/134	125/150	108/123	258/258	122/139	150/150	113/142	262/262	262/262	123/140	125/150	131/129	263/263	128/145	150/150	118/133	267/267			
		112A+117A	37.6/50.0	104.2/120.3	137/127	150/150	126/141	258/258	142/132	150/150	130/149	262/262	262/262	143/133	150/150	131/150	263/263	146/138	150/150	136/154	267/267			
		NONE	—	—	50	60	52	314	53	60	60/60	56/56	318	54	60	60/60	57/57	319	58	70	62	323		
		117A	7.8/10.4	21.7/25.0	50/50	60/60	52/52	314/314	53/53	60/60	56/56	318/318	318/318	54/54	60/60	57/57	319/319	58/58	70/70	62/62	323/323			
MED		110A	12.0/16.0	33.4/38.5	55/62	60/70	52/56	314/314	60/67	60/70	56/61	318/318	318/318	61/68	70/70	57/62	319/319	66/73	70/80	62/66	323/323			
		112A	24.0/32.0	66.7/77.0	97/110	100/110	89/101	314/314	102/115	110/125	93/105	318/318	318/318	103/116	110/125	94/106	319/319	108/121	110/125	99/111	323/323			
		112A+117A	31.8/42.4	88.4/102.0	124/141	125/150	114/129	314/314	129/146	150/150	118/134	318/318	318/318	130/147	150/150	119/135	319/319	135/152	150/175	124/139	323/323			
		112A+117A	37.6/50.0	104.2/120.3	144/134	150/150	132/151	314/314	149/139	150/150	136/155	318/318	318/318	150/140	150/150	138/156	319/319	155/175	142/160	136/154	323/323			
HIGH		NONE	—	—	53/52	60/60	55/54	316	56/55	60/60	60/59	320	57/56	70/60	61/60	321	61/60	70/70	65/64	325				
		117A	7.8/10.4	21.7/25.0	53/52	60/60	55/54	316/316	56/55	60/60	60/59	320/320	320/320	57/56	70/60	61/60	321/321	65/64	325/325					
		110A	12.0/16.0	33.4/38.5	59/64	60/70	55/59	316/316	64/69	70/70	60/63	320/320	320/320	65/70	70/70	61/64	321/321	70/75	65/69	325/325				
		112A	24.0/32.0	66.7/77.0	101/113	110/125	92/103	316/316	106/117	110/125	97/108	320/320	320/320	107/119	110/125	98/109	321/321	112/123	125/125	102/113	325/325			
460-3-60		112A+117A	31.8/42.4	88.4/102.0	128/144	150/150	117/132	316/316	133/149	150/150	122/136	320/320	320/320	134/150	150/150	123/137	321/321	139/155	150/175	127/142	325/325			
		112A+117A	37.6/50.0	104.2/120.3	148/137	150/150	135/153	316/316	152/141	175/175	140/157	320/320	320/320	154/143	175/175	141/158	321/321	158/163	175/175	145/163	325/325			
		NONE	—	—	22	25	23	123	24	30	25	125	125	24	30	25	125	26	30	27	127			
		116A	13.9	16.7	25	25	23	123	27	30	25	125	125	27	30	25	125	30	30	27	127			
STD		113A	16.5	19.8	28	30	26	123	31	35	28	125	125	31	35	28	125	33	35	30	127			
		115A	33.0	39.7	53	60	49	123	56	60	51	125	125	56	60	51	125	58	60	53	127			
		114A+116A	41.7	50.2	66	70	61	123	69	70	63	125	125	69	70	63	125	71	80	65	127			
		115A+113A	50.0	60.1	64	70	72	123	68	70	74	125	125	67	70	75	125	69	70	77	127			
MED		NONE	—	—	25	30	26	151	26	30	28	153	153	27	30	28	153	29	35	30	155			
		116A	13.9	16.7	28	30	26	151	30	30	28	153	153	31	35	28	153	33	35	30	155			
		113A	16.5	19.8	32	35	29	151	34	35	31	153	153	35	35	31	153	37	40	33	155			
		115A	33.0	39.7	57	60	52	151	59	60	54	153	153	59	60	54	153	62	70	56	155			
460-3-60		114A+116A	41.7	50.2	71	80	64	151	72	80	66	153	153	73	80	66	153	75	80	68	155			
		115A+113A	50.0	60.1	67	80	75	151	69	80	77	153	153	70	80	78	153	72	80	70	155			
		NONE	—	—	26	30	27	152	28	30	29	154	154	28	30	29	154	30	35	32	156			
		116A	13.9	16.7	29	30	27	152	32	35	29	154	154	32	35	29	154	34	35	32	156			
HIGH		113A	16.5	19.8	33	35	30	152	35	35	32	154	154	36	40	33	154	38	40	35	156			
		115A	33.0	39.7	58	60	53	152	60	60	55	154	154	61	70	56	154	63	70	58	156			
		114A+116A	41.7	50.2	71	80	65	152	73	80	67	154	154	74	80	68	154	76	80	70	156			
		115A+113A	50.0	60.1	69	80	76	152	71	80	79	154	154	71	80	79	154	74	80	81	156			
STD		NONE	—	—	17	20	17	93	20	25	21	97	18	20	19	95	22	25	23	99				
		118A	17.0	20.4	28	30	26	93	33	35	30	97	31	35	28	30	95	35	32	99				
		119A	34.0	40.9	54	60	49	93	59	60	54	97	56	60	51	95	61	70	56	99				
		118A+119A	51.0	61.3	64	70	73	93	69	80	77	97	66	70	75	95	71	80	79	99				
MED		NONE	—	—	17	20	18	104	21	25	22	108	19	25	20	106	23	25	24	110				
		118A	17.0	20.4	29	30	27	104	34	35	31	108	32	35	29	106	36	40	33	110				
		119A	34.0	40.9	55	60	50	104	60	60	55	108	57	60	52	106	70	57	110					
		118A+119A	51.0	61.3	65	70	74	104	70	80	78	108	67	70	76	106	72	80	80	110				
HIGH		NONE	—	—	20	25	21	118	24	30	25	122	22	25	23	120	26	30	27	124				
		118A	17.0	20.4	33	35	30	118	38	40	34	122	35	35	32	120	40	36	124					
		119A	34.0	40.9	59	60	53	118	63	70	58	122	61	70	55	120	65	70	60	124				
		118A+119A	51.0	61.3	69	80	77	118	74	80	81	122	71	80	79	120	76	80	83	124				

Table 3 - 50TC 08-14 Unit Wire/Fuse or HACR Breaker Sizing Data - Single Speed Indoor Fan Motor (cont)

UNIT	NO M. V-Ph-HZ	ELEC. HTR		NO C.O. or UNPWR C.O.						w/ PWRD C.O.										
				NO PE.			w/ P.E. (pwrd fr/unit)			NO PE.			w/ P.E. (pwrd fr/unit)							
		CRHEATER***A00	Nom (kW)	FLA	MCA	MAX FUSE or BRKR	DISC. SIZE	FLA	LRA	MCA	MAX FUSE or BRKR	DISC. SIZE	FLA	LRA	MCA	MAX FUSE or BRKR	DISC. SIZE	FLA	LRA	
50TC+D14 (2-stage cool)	STD	NONE	—	—	63/63	80/80	65/65	389	66/66	80/80	69/69	393	67/67	80/80	71/70	394	71/71	80/80	75/75	398
		117A	7.8/10.4	21.7/25.0	63/63	80/80	65/65	389/389	66/66	80/80	69/69	393/393	67/67	80/80	71/70	394/394	71/71	80/80	75/75	398/398
		110A	12.0/16.0	33.4/38.5	63/63	80/80	65/65	389/389	66/66	80/80	69/69	393/393	67/67	80/80	71/70	394/394	71/71	80/80	75/75	398/398
		112A	24.0/32.0	66.7/77.0	94/107	100/110	86/98	389/389	99/112	100/125	91/102	393/393	100/113	100/125	92/104	394/394	105/118	110/125	96/108	398/398
		112A+117A	31.8/42.4	88.4/102.0	121/138	125/150	111/127	389/389	126/143	150/150	116/131	393/393	127/144	150/150	117/132	394/394	132/149	150/150	121/137	398/398
	MED	112A+110A	37.6/50.0	104.2/120.3	141/131	150/150	129/148	389/389	146/136	150/150	134/152	393/393	147/137	150/150	135/153	394/394	157/150	139/158	398/398	
		NONE	—	—	65	80	68	403	69	80	72	407	70	80	73	408	73	80	78	412
		117A	7.8/10.4	21.7/25.0	65/65	80/80	68/68	403/403	69/69	80/80	72/72	407/407	70/70	80/80	73/73	408/408	73/73	80/80	78/78	412/412
		110A	12.0/16.0	33.4/38.5	65/65	80/80	68/68	403/403	69/69	80/80	72/72	407/407	70/70	80/80	73/73	408/408	73/73	80/80	78/78	412/412
		112A	24.0/32.0	66.7/77.0	97/110	100/110	89/101	403/403	102/115	110/125	93/105	407/407	103/116	110/125	94/106	408/408	108/121	110/125	99/111	412/412
HIGH	112A+117A	31.8/42.4	88.4/102.0	124/141	125/150	114/129	403/403	129/146	150/150	118/134	407/407	130/147	150/150	119/135	408/408	135/152	150/175	124/139	412/412	
	112A+110A	37.6/50.0	104.2/120.3	144/134	150/150	132/151	403/403	149/139	150/150	136/155	407/407	150/147	150/150	138/156	408/408	155/175	175/175	142/160	412/412	
	NONE	—	—	68/67	80/80	71/70	405	72/71	80/80	75/74	409	73/72	80/80	77/76	410	76/76	90/90	81/80	414	
	117A	7.8/10.4	21.7/25.0	68/67	80/80	71/70	405/405	72/71	80/80	75/74	409/409	73/72	80/80	77/76	410/410	76/76	90/90	81/80	414/414	
	110A	12.0/16.0	33.4/38.5	68/67	80/80	71/70	405/405	72/71	80/80	75/74	409/409	73/72	80/80	77/76	410/410	76/76	90/90	81/80	414/414	
460-3-60	STD	112A	24.0/32.0	66.7/77.0	101/113	110/125	92/103	405/405	106/117	110/125	97/108	409/409	107/119	110/125	98/109	410/410	112/123	125/125	102/113	414/414
		112A+117A	31.8/42.4	88.4/102.0	128/144	150/150	117/132	405/405	133/149	150/150	122/136	409/409	134/150	150/150	123/137	410/410	139/155	150/175	127/142	414/414
		112A+110A	37.6/50.0	104.2/120.3	148/137	150/150	135/153	405/405	152/141	175/175	140/157	409/409	154/143	175/175	141/158	410/410	159/167	175/175	145/163	414/414
		NONE	—	—	29	35	30	193	31	40	32	195	31	40	33	195	33	40	35	197
		116A	13.9	16.7	29	35	30	193	31	40	32	195	31	40	33	195	33	40	35	197
	MED	113A	16.5	19.8	30	35	30	193	33	40	32	195	33	40	33	195	35	40	35	197
		115A	33.0	39.7	55	60	50	193	58	60	53	195	58	60	53	195	60	60	55	197
		114A+116A	41.7	50.2	68	70	63	193	71	80	65	195	71	80	65	195	73	80	67	197
		115A+113A	50.0	60.1	66	70	74	193	68	80	76	195	69	80	76	195	71	80	69	197
		NONE	—	—	30	40	31	200	32	40	33	202	33	40	34	202	34	40	36	204
HIGH	116A	13.9	16.7	30	40	31	200	32	40	33	202	33	40	34	202	34	40	36	204	
	113A	16.5	19.8	32	40	31	200	34	40	33	202	35	40	34	202	37	40	36	204	
	115A	33.0	39.7	57	60	52	200	59	60	54	202	59	60	54	202	62	70	56	204	
	114A+116A	41.7	50.2	70	70	64	200	72	80	66	202	73	80	66	202	75	80	68	204	
	115A+113A	50.0	60.1	67	80	75	200	69	80	77	202	70	80	78	202	72	80	80	204	
575-3-60	STD	NONE	—	—	31	40	33	201	33	40	35	203	34	40	35	203	35	40	37	205
		116A	13.9	16.7	31	40	33	201	33	40	35	203	34	40	35	203	35	45	37	205
		113A	16.5	19.8	33	40	33	201	35	40	35	203	36	40	35	203	38	45	37	205
		115A	33.0	39.7	58	60	53	201	60	60	55	203	61	70	56	203	63	70	58	205
		114A+116A	41.7	50.2	71	80	65	201	73	80	67	203	74	80	68	203	76	80	70	205
	MED	115A+113A	50.0	60.1	69	80	76	201	71	80	79	203	71	80	79	203	74	80	81	205
		NONE	—	—	22	25	23	147	26	30	27	151	24	30	24	149	27	30	29	153
		118A	17.0	20.4	29	30	27	147	34	35	31	151	32	35	29	149	36	40	33	153
		119A	34.0	40.9	55	60	50	147	60	60	55	151	57	60	52	149	62	70	57	153
		118A+119A	51.0	61.3	65	70	74	147	70	80	78	151	67	70	76	149	72	80	80	153
HIGH	NONE	—	—	22	25	23	147	26	30	27	151	24	30	24	149	27	30	29	153	
	118A	17.0	20.4	29	30	27	147	34	35	31	151	32	35	29	149	36	40	33	153	
	119A	34.0	40.9	55	60	50	147	60	60	55	151	57	60	52	149	62	70	57	153	
	118A+119A	51.0	61.3	65	70	74	147	70	80	78	151	67	70	76	149	72	80	80	153	
	NONE	—	—	25	30	26	161	29	35	30	165	26	30	28	163	30	35	32	167	
STD	118A	17.0	20.4	33	35	30	161	38	40	34	165	35	35	32	163	40	40	36	167	
	119A	34.0	40.9	59	60	53	161	63	70	58	165	61	70	55	163	65	70	60	167	
	118A+119A	51.0	61.3	69	80	77	161	74	80	81	165	71	80	79	163	76	80	83	167	
	NONE	—	—	25	30	26	161	29	35	30	165	26	30	28	163	30	35	32	167	
	118A	17.0	20.4	33	35	30	161	38	40	34	165	35	35	32	163	40	40	36	167	

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

Table 4 – 50TC 08-14 Unit Wire/Fuse or HACR Breaker Sizing Data - 2-Speed Indoor Fan Motor

UNIT	NO M. V.-Ph.-HZ	ELEC. HTR		NO C.O. or UNPWR C.O.										w/ PWRD C.O.									
				NO PE.					w/ P.E. (pwrd fr/unit)					NO PE.					w/ P.E. (pwrd fr/unit)				
		IFM-TYPE	CRHEATER***A00	Nom (kW)	FLA	MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE	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
STD		NONE	—	—	40/40	50/50	41/41	197	44/43	50/50	48/46	201	45/44	60/60	48/48	50/50	47/47	202	48/48	60/60	51/51	206	
		117A	7.8/10.4	21.7/25.0	40/40	50/50	41/41	197/197	44/43	50/50	48/46	201/201	45/45	60/60	48/49	50/50	47/47	202/202	48/49	60/60	51/51	206/206	
		110A	12.0/16.0	33.4/38.5	49/56	50/60	45/51	197/197	54/60	60/60	49/55	201/201	55/62	60/70	60/60	60/70	51/56	202/202	60/66	60/70	55/61	206/206	
		111A	18.6/24.8	51.7/59.7	72/82	80/90	66/75	197/197	77/87	80/90	70/79	201/201	78/88	80/90	80/90	80/90	72/81	202/202	83/93	90/100	76/85	206/206	
		112A	24.0/32.0	66.7/77.0	91/104	100/110	83/95	197/197	96/108	100/110	88/99	201/201	97/110	100/110	100/110	100/110	89/101	202/202	102/114	110/125	93/105	206/206	
MED		112A+117A	31.8/42.4	88.4/102.0	118/135	125/150	108/124	197/197	123/140	125/150	113/128	201/201	124/141	125/150	125/150	114/129	202/202	129/146	150/150	118/134	206/206		
		NONE	—	—	43/42	50/50	45/44	227	46/46	50/50	49/48	231	47/47	60/60	51/50	50/49	232	51/50	60/60	55/54	236		
		117A	7.8/10.4	21.7/25.0	43/42	50/50	45/44	227/227	46/46	50/50	49/48	231/231	47/47	60/60	51/52	50/49	232/232	51/52	60/60	55/54	236/236		
		110A	12.0/16.0	33.4/38.5	53/58	60/60	48/53	227/227	58/63	60/70	53/58	231/231	59/64	60/70	64/69	70/70	54/59	232/232	64/69	70/70	58/63	236/236	
		111A	18.6/24.8	51.7/59.7	76/85	80/90	69/78	227/227	81/90	90/90	74/82	231/231	82/91	90/100	87/96	90/100	75/83	232/232	87/96	90/100	79/88	236/236	
HIGH		112A	24.0/32.0	66.7/77.0	95/106	100/110	87/98	227/227	99/111	100/125	91/102	231/231	101/112	110/125	101/112	92/103	232/232	105/117	110/125	96/107	236/236		
		112A+117A	31.8/42.4	88.4/102.0	122/138	125/150	112/126	227/227	126/142	150/150	116/131	231/231	128/144	150/150	132/148	117/132	232/232	132/148	150/150	121/136	236/236		
		NONE	—	—	48/47	60/50	50/49	262	51/51	60/60	55/54	266	52/52	60/60	56/55	60/60	267	56/55	60/60	60/59	271		
		117A	7.8/10.4	21.7/25.0	48/48	60/50	50/49	262/262	51/52	60/60	55/54	266/266	52/54	60/60	56/58	60/60	267/267	56/58	60/60	60/59	271/271		
		110A	12.0/16.0	33.4/38.5	59/64	60/70	54/59	262/262	64/69	70/70	58/63	266/266	65/70	70/80	64/69	70/80	60/64	267/267	70/75	70/80	64/69	271/271	
STD		111A	18.6/24.8	51.7/59.7	82/91	90/100	75/83	262/262	87/96	90/100	79/88	266/266	88/97	90/100	81/89	90/100	81/89	267/267	93/102	100/110	85/93	271/271	
		112A	24.0/32.0	66.7/77.0	101/113	110/125	92/103	262/262	106/117	110/125	97/108	266/266	107/119	110/125	112/123	98/109	267/267	112/123	125/125	102/113	271/271		
		112A+117A	31.8/42.4	88.4/102.0	128/144	150/150	117/132	262/262	133/149	150/150	122/136	266/266	134/150	150/150	139/155	123/137	267/267	139/155	150/175	127/142	271/271		
		NONE	—	—	19	20	19	97	20	25	21	99	21	25	23	25	22	99	23	25	24	101	
		116A	13.9	16.7	25	25	23	97	27	30	25	99	28	30	30	25	99	30	30	30	27	101	
MED		113A	16.5	19.8	29	30	26	97	31	35	28	99	32	35	29	35	29	99	34	35	31	101	
		114A	27.8	33.4	46	50	42	97	48	50	44	99	49	50	44	99	49	99	51	60	46	101	
		115A	33.0	39.7	54	60	49	97	56	60	51	99	56	60	59	59	52	99	59	60	54	101	
		114A+116A	41.7	50.2	67	70	61	97	69	70	63	99	70	70	72	64	99	72	80	66	66	101	
		NONE	—	—	20	25	20	113	21	25	22	115	22	25	24	25	23	115	24	25	25	117	
HIGH		116A	13.9	16.7	26	30	24	113	28	30	26	115	29	30	26	30	26	115	31	35	28	117	
		113A	16.5	19.8	30	30	27	113	32	35	29	115	33	35	30	35	30	115	35	35	32	117	
		114A	27.8	33.4	47	50	43	113	49	50	45	115	50	50	45	50	45	115	52	60	47	117	
		115A	33.0	39.7	55	60	50	113	57	60	52	115	58	60	60	53	115	60	60	55	55	117	
		114A+116A	41.7	50.2	68	70	62	113	70	70	64	115	71	80	73	80	65	115	73	80	67	117	
STD		NONE	—	—	22	25	23	130	24	30	25	132	24	30	26	30	26	132	26	30	28	134	
		116A	13.9	16.7	29	30	27	130	32	35	29	132	32	35	30	35	29	132	34	35	31	134	
		113A	16.5	19.8	33	35	30	130	35	35	32	132	36	40	33	35	30	132	38	40	35	134	
		114A	27.8	33.4	50	50	46	130	52	60	48	132	53	60	48	60	48	132	55	60	50	134	
		115A	33.0	39.7	58	60	53	130	60	60	55	132	61	70	56	70	56	132	63	70	58	134	
MED		114A+116A	41.7	50.2	71	80	65	130	73	80	67	132	74	80	68	80	68	132	76	80	70	134	
		NONE	—	—	14	15	14	79	18	20	19	83	16	20	16	20	16	81	19	25	21	85	
		118A	17.0	20.4	29	30	27	79	34	35	31	83	32	35	35	29	81	36	40	33	85		
		119A	34.0	40.9	55	60	50	79	60	60	55	83	57	60	60	52	81	62	70	57	85		
		NONE	—	—	16	20	16	92	19	25	21	96	17	20	18	20	18	94	21	25	23	98	
HIGH		118A	17.0	20.4	32	35	29	92	36	40	33	96	34	35	31	35	31	94	38	40	35	98	
		119A	34.0	40.9	57	60	52	92	62	70	57	96	59	60	60	54	94	64	70	59	98		
		NONE	—	—	18	20	18	106	22	25	23	110	20	25	20	25	20	108	23	25	24	112	
		118A	17.0	20.4	34	35	31	106	38	40	35	110	36	40	45	33	108	41	45	37	112		
		119A	34.0	40.9	59	60	54	106	64	70	59	110	61	70	66	66	108	66	70	60	112		

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

Table 4 – 50TC 08-14 Unit Wire/Fuse or HACR Breaker Sizing Data – 2-Speed Indoor Fan Motor (cont)

UNIT	ELEC. HTR		NO C.O. or UNPWR C.O.										w/ PWRD C.O.												
			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		MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE				
IFM- TYPE	CRHEATER***A00	Nom (kW)	FLA	MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE		MCA	MAX FUSE or HACR BRKR	FLA	DISC. SIZE			
							FLA	LRA				FLA	LRA				FLA	LRA				FLA	LRA	FLA	LRA
50TC+D09 (2-stage cool)	NO M.V-PH-HZ	STD	NONE	—	—	41/41	50/50	43/42	212	45/45	50/50	47/47	216	46/46	50/50	48/48	217	50/49	60/60	52/52	221	52/52	60/60	221/221	
			117A	7.8/10.4	21.7/25.0	41/41	50/50	43/42	212/212	46/45	50/50	47/47	216/216	46/46	50/50	48/48	217/217	50/49	60/60	52/52	221/221	52/52	60/60	221/221	
			110A	12.0/16.0	33.4/38.5	49/56	50/60	45/51	212/212	54/60	60/60	49/55	216/216	55/62	60/70	51/56	217/217	60/66	90/100	55/61	221/221	60/70	55/61	221/221	
			111A	18.6/24.8	51.7/59.7	72/82	80/90	66/75	212/212	77/87	80/90	70/79	216/216	78/88	80/90	72/81	217/217	83/93	90/100	76/85	221/221	80/90	76/85	221/221	
			112A	24.0/32.0	66.7/77.0	91/104	100/110	83/95	212/212	96/108	100/110	88/99	216/216	97/110	100/110	89/101	217/217	102/114	110/125	93/105	221/221	110/125	93/105	221/221	
		112A+117A	31.8/42.4	88.4/102.0	118/135	125/150	108/124	212/212	123/140	125/150	113/128	216/216	124/141	125/150	114/129	217/217	129/146	150/150	118/134	221/221	150/150	118/134	221/221		
		MED	NONE	—	—	42/42	50/50	44/44	216	46/46	60/60	48/48	220	47/47	60/60	50/49	221	51/51	60/60	54/54	225	54/54	60/60	225/225	
			117A	7.8/10.4	21.7/25.0	42/42	50/50	44/44	216/216	46/46	60/50	48/48	220/220	47/47	60/60	50/49	221/221	51/51	60/60	54/54	225/225	54/54	60/60	225/225	
			110A	12.0/16.0	33.4/38.5	51/57	60/60	47/52	216/216	56/62	60/70	51/56	220/220	57/63	60/70	52/58	221/221	62/68	70/70	56/62	225/225	70/70	56/62	225/225	
			111A	18.6/24.8	51.7/59.7	74/84	80/90	68/76	216/216	79/88	80/90	72/81	220/220	80/90	80/90	73/82	221/221	85/94	90/100	78/86	225/225	90/100	78/86	225/225	
112A	24.0/32.0		66.7/77.0	93/105	100/110	85/96	216/216	97/110	100/110	89/101	220/220	99/111	100/125	90/102	221/221	103/116	110/125	95/106	225/225	103/116	110/125	225/225			
112A+117A	31.8/42.4	88.4/102.0	120/136	125/150	110/125	216/216	125/141	125/150	114/129	220/220	126/142	150/150	115/131	221/221	131/147	150/150	120/135	225/225	150/150	120/135	225/225				
460-3-60	50TC+D09 (2-stage cool)	HIGH	NONE	—	—	46/45	60/50	48/47	266	50/49	60/60	53/52	270	51/50	60/60	54/53	271	55/54	60/60	58/57	275	55/54	60/60	275/275	
			117A	7.8/10.4	21.7/25.0	46/45	60/50	48/47	266/266	50/49	60/60	53/52	270/270	51/50	60/60	54/53	271/271	55/55	60/60	58/57	275/275	55/55	60/60	275/275	
			110A	12.0/16.0	33.4/38.5	56/61	60/70	51/56	266/266	60/66	60/70	55/60	270/270	62/67	70/70	56/61	271/271	66/72	70/80	61/65	275/275	66/72	70/80	275/275	
			111A	18.6/24.8	51.7/59.7	79/87	80/90	72/80	266/266	83/92	90/100	76/84	270/270	85/93	90/100	77/85	271/271	89/98	90/100	82/90	275/275	89/98	90/100	275/275	
			112A	24.0/32.0	66.7/77.0	97/109	100/110	89/100	266/266	102/114	110/125	93/104	270/270	103/115	110/125	95/105	271/271	108/120	110/125	99/110	275/275	108/120	110/125	275/275	
		112A+117A	31.8/42.4	88.4/102.0	124/140	125/150	114/129	266/266	129/145	150/150	118/133	270/270	130/146	150/150	120/134	271/271	135/151	150/175	124/138	275/275	135/151	150/175	275/275		
		STD	NONE	—	—	19	25	20	111	21	25	22	113	21	25	22	113	23	25	24	115	23	25	24	115
			116A	13.9	16.7	25	25	23	111	27	30	25	113	28	30	25	113	30	30	27	115	30	30	27	115
			113A	16.5	19.8	29	30	26	111	31	35	28	113	32	35	29	113	34	35	31	115	34	35	31	115
			114A	27.8	33.4	46	50	42	111	48	50	44	113	49	50	44	113	51	60	46	115	51	60	46	115
115A	33.0		39.7	54	60	49	111	56	60	51	113	56	60	51	113	59	60	54	115	59	60	54	115		
114A+116A	41.7	50.2	67	70	61	111	69	70	63	113	70	70	64	116	72	80	66	115	72	80	66	115			
575-3-60	NO M.V-PH-HZ	HIGH	NONE	—	—	20	25	20	114	21	25	22	116	22	25	23	116	24	25	25	118	24	25	25	118
			116A	13.9	16.7	26	30	23	114	28	30	25	116	28	30	26	116	31	35	28	118	31	35	28	118
			113A	16.5	19.8	29	30	27	114	32	35	29	116	32	35	29	116	34	35	31	118	34	35	31	118
			114A	27.8	33.4	46	50	42	114	49	50	44	116	49	50	45	116	51	60	47	118	51	60	47	118
			115A	33.0	39.7	54	60	50	114	57	60	52	116	57	60	52	116	59	60	54	118	59	60	54	118
		114A+116A	41.7	50.2	67	70	62	114	70	70	64	116	70	70	64	116	72	80	66	118	72	80	66	118	
		STD	NONE	—	—	21	25	22	139	23	25	24	141	23	25	24	141	25	30	26	143	25	30	26	143
			116A	13.9	16.7	27	30	25	139	30	30	27	141	30	30	27	141	32	35	29	143	32	35	29	143
			113A	16.5	19.8	31	35	28	139	34	35	30	141	34	35	31	141	36	40	33	143	36	40	33	143
			114A	27.8	33.4	48	50	44	139	51	60	46	141	51	60	47	141	53	60	49	143	53	60	49	143
115A	33.0		39.7	56	60	51	139	58	60	53	141	59	60	54	141	61	70	56	143	61	70	56	143		
114A+116A	41.7	50.2	69	70	63	139	72	80	65	141	72	80	66	141	74	80	68	143	74	80	68	143			
STD	NONE	—	—	17	20	17	87	21	25	21	91	18	20	19	89	22	25	23	93	22	25	23	93		
	118A	17.0	20.4	29	30	27	87	34	35	31	91	32	35	29	89	36	40	33	93	36	40	33	93		
	119A	34.0	40.9	55	60	50	87	60	60	55	91	57	60	52	89	62	70	57	93	62	70	57	93		
MED	NONE	—	—	17	20	18	91	21	25	22	95	19	25	20	93	23	25	24	97	23	25	24	97		
	118A	17.0	20.4	30	30	27	91	35	35	32	95	32	35	29	93	37	40	34	97	37	40	34	97		
	119A	34.0	40.9	56	60	51	91	61	70	55	95	58	60	53	93	63	70	57	97	63	70	57	97		
HIGH	NONE	—	—	18	20	19	100	22	25	23	104	20	25	21	102	24	30	25	106	24	30	25	106		
	118A	17.0	20.4	32	35	29	100	36	40	33	104	34	35	31	102	38	40	35	106	38	40	35	106		
	119A	34.0	40.9	57	60	52	100	62	70	57	104	59	60	54	102	64	70	59	106	64	70	59	106		

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

Table 4 – 50TC 08-14 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/ 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				
50TC+D12 (2-stage cool)	STD	NONE	—	—	46/46	60/60	48/47	255	50/50	60/60	52/52	259	53/53	260	55/54	60/60	58/57	264		
		117A	7.8/10.4	21.7/25.0	46/46	60/60	48/47	255/255	50/50	60/60	52/52	259/259	53/53	260/260	55/54	60/60	58/57	264/264		
		110A	12.0/16.0	33.4/38.5	51/57	60/60	48/52	255/255	56/62	60/70	52/56	259/259	57/63	260/260	62/68	70/70	58/62	264/264		
		112A	24.0/32.0	66.7/77.0	93/105	100/110	85/96	255/255	97/110	100/110	89/101	259/259	99/111	260/260	103/116	110/125	95/106	264/264		
	MED	112A+117A	31.8/42.4	88.4/102.0	120/136	125/150	110/125	255/255	125/141	125/150	114/129	259/259	126/142	150/150	131/147	150/150	120/135	264/264		
		112A+110A	37.6/50.0	104.2/120.3	140/128	150/150	128/146	255/255	144/134	150/150	132/151	259/259	146/135	150/150	137/156	150/150	120/135	264/264		
		NONE	—	—	50/49	60/60	52/51	305	54/53	60/60	56/55	309	55/54	310	58/57	70/70	62/61	314		
		117A	7.8/10.4	21.7/25.0	50/49	60/60	52/51	305/305	54/53	60/60	56/55	309/309	55/54	310/310	58/57	70/70	62/61	314/314		
		110A	12.0/16.0	33.4/38.5	56/61	60/70	52/56	305/305	60/66	60/70	56/60	309/309	62/67	310/310	66/72	70/80	62/65	314/314		
		112A	24.0/32.0	66.7/77.0	97/109	100/110	89/100	305/305	102/114	110/125	93/104	309/309	103/115	310/310	108/120	110/125	99/110	314/314		
460-3-60	HIGH	112A+117A	31.8/42.4	88.4/102.0	124/140	125/150	114/129	305/305	129/145	150/150	118/133	309/309	130/146	310/310	135/151	150/175	124/138	314/314		
		112A+110A	37.6/50.0	104.2/120.3	144/133	150/150	132/150	305/305	149/138	150/150	137/154	309/309	150/139	310/310	155/144	175/175	142/160	314/314		
		NONE	—	—	53/52	60/60	55/54	316	56/55	60/60	60/59	320	57/56	321	61/60	70/70	65/64	325		
		117A	7.8/10.4	21.7/25.0	53/52	60/60	55/54	316/316	56/55	60/60	60/59	320/320	57/56	320/320	61/60	70/70	65/64	325/325		
	STD	110A	12.0/16.0	33.4/38.5	59/64	60/70	55/59	316/316	64/69	70/70	60/63	320/320	65/70	320/320	67/75	70/80	65/69	325/325		
		112A	24.0/32.0	66.7/77.0	101/113	110/125	92/103	316/316	106/117	110/125	97/108	320/320	107/119	110/125	98/109	125/125	102/113	325/325		
		112A+117A	31.8/42.4	88.4/102.0	128/144	150/150	117/132	316/316	133/149	150/150	122/136	320/320	134/150	150/175	123/137	139/155	150/175	127/142	325/325	
		112A+110A	37.6/50.0	104.2/120.3	148/137	150/150	135/153	316/316	152/141	175/175	140/157	320/320	154/143	175/175	132/132	158/147	175/175	145/163	325/325	
		NONE	—	—	23	30	23	122	25	30	26	124	25	30	26	124	27	30	28	126
		116A	13.9	16.7	26	30	23	122	28	30	26	124	28	30	26	124	31	35	28	126
575-3-60	STD	113A	16.5	19.8	29	30	27	122	32	35	29	124	32	35	29	124	34	35	31	126
		115A	33.0	39.7	54	60	50	122	57	60	52	124	57	60	52	124	59	60	54	126
		114A+116A	41.7	50.2	67	70	62	122	70	70	64	124	70	70	64	124	72	80	66	126
		115A+113A	50.0	60.1	65	70	73	122	67	70	75	124	68	70	76	124	70	80	78	126
	MED	NONE	—	—	24	30	25	147	26	30	27	149	26	30	28	149	28	30	30	151
		116A	13.9	16.7	27	30	25	147	30	30	27	149	30	30	28	149	32	35	30	151
		113A	16.5	19.8	31	35	28	147	34	35	30	149	34	35	31	149	36	40	33	151
		115A	33.0	39.7	56	60	51	147	58	60	53	149	59	60	54	149	61	70	56	151
		114A+116A	41.7	50.2	69	70	63	147	72	80	65	149	72	80	66	149	74	80	68	151
		115A+113A	50.0	60.1	67	80	75	147	69	80	77	149	69	80	77	149	72	80	79	151

Table 4 – 50TC 08-14 Unit Wire/Fuse or HACR Breaker Sizing Data – 2-Speed Indoor Fan Motor (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 PE.			w/ P.E. (pwrd fr/unit)			NO PE.			w/ P.E. (pwrd fr/unit)						
					MCA	MAX FUSE or BRKR	DISC. SIZE	FLA	LRA	MCA	MAX FUSE or BRKR	DISC. SIZE	FLA	LRA	MCA	MAX FUSE or BRKR	DISC. SIZE	FLA	LRA	
50TC+D14 (2-stage cool)	STD	NONE	—	—	63/62	80/80	65/64	370	67/66	80/80	70/69	374	68/67	80/80	71/70	375	71/71	80/80	75/74	379
		117A	7.8/10.4	21.7/25.0	63/62	80/80	65/64	370/370	67/66	80/80	70/69	374/374	68/67	80/80	71/70	375/375	71/71	80/80	75/74	379/379
		110A	12.0/16.0	33.4/38.5	63/62	80/80	65/64	370/370	67/66	80/80	70/69	374/374	68/67	80/80	71/70	375/375	71/71	80/80	75/74	379/379
		112A	24.0/32.0	66.7/77.0	95/106	100/110	87/98	370/370	99/111	100/125	91/102	374/374	101/112	110/125	92/103	375/375	105/117	110/125	96/107	379/379
		112A+117A	31.8/42.4	88.4/102.0	122/138	125/150	112/126	370/370	126/142	150/150	116/131	374/374	128/144	150/150	117/132	375/375	132/148	150/150	121/136	379/379
	MED	112A+110A	37.6/50.0	104.2/120.3	141/131	150/150	130/147	370/370	146/135	150/150	134/152	374/374	147/137	150/150	135/153	375/375	152/141	175/150	140/157	379/379
		NONE	—	—	65/64	80/80	68/67	394	69/68	80/80	72/71	398	70/69	80/80	73/72	399	74/73	80/80	78/77	403
		117A	7.8/10.4	21.7/25.0	65/64	80/80	68/67	394/394	69/68	80/80	72/71	398/398	70/69	80/80	73/72	399/399	74/73	80/80	78/77	403/403
		110A	12.0/16.0	33.4/38.5	65/64	80/80	68/67	394/394	69/68	80/80	72/71	398/398	70/69	80/80	73/72	399/399	74/73	80/80	78/77	403/403
		112A	24.0/32.0	66.7/77.0	97/109	100/110	89/100	394/394	102/114	110/125	93/104	398/398	103/115	110/125	95/105	399/399	108/120	110/125	99/110	403/403
HIGH	112A+117A	31.8/42.4	88.4/102.0	124/140	125/150	114/129	394/394	129/145	150/150	118/133	398/398	130/146	150/150	120/134	399/399	135/151	150/175	124/138	403/403	
	112A+110A	37.6/50.0	104.2/120.3	144/133	150/150	132/150	394/394	149/138	150/150	137/154	398/398	150/139	150/150	138/155	399/399	155/144	175/175	142/160	403/403	
	NONE	—	—	68/67	80/80	71/70	405	72/71	80/80	75/74	409	73/72	80/80	77/76	410	76/76	90/90	81/80	414	
	117A	7.8/10.4	21.7/25.0	68/67	80/80	71/70	405/405	72/71	80/80	75/74	409/409	73/72	80/80	77/76	410/410	76/76	90/90	81/80	414/414	
	110A	12.0/16.0	33.4/38.5	68/67	80/80	71/70	405/405	72/71	80/80	75/74	409/409	73/72	80/80	77/76	410/410	76/76	90/90	81/80	414/414	
460-3-60	STD	112A	24.0/32.0	66.7/77.0	101/113	110/125	92/103	405/405	106/117	110/125	97/108	409/409	107/119	110/125	98/109	410/410	112/123	125/125	102/113	414/414
		112A+117A	31.8/42.4	88.4/102.0	128/144	150/150	117/132	405/405	133/149	150/150	122/136	409/409	134/150	150/150	123/137	410/410	139/155	150/175	127/142	414/414
		112A+110A	37.6/50.0	104.2/120.3	148/137	150/150	135/153	405/405	152/141	175/175	140/157	409/409	154/143	175/175	141/158	410/410	159/167	175/175	145/163	414/414
		NONE	—	—	29	35	30	184	31	40	32	186	31	40	32	186	33	40	34	188
		116A	13.9	16.7	29	35	30	184	31	40	32	186	31	40	32	186	33	40	34	188
	MED	113A	16.5	19.8	30	35	30	184	32	40	32	186	33	40	32	186	35	40	34	188
		115A	33.0	39.7	55	60	50	184	57	60	52	186	58	60	53	186	60	60	55	188
		114A+116A	41.7	50.2	68	70	62	184	70	70	64	186	71	80	65	186	73	80	67	188
		115A+113A	50.0	60.1	65	70	73	184	68	70	76	186	68	80	76	186	70	80	78	188
		NONE	—	—	30	40	31	196	32	40	33	198	32	40	33	198	34	40	35	200
HIGH	116A	13.9	16.7	30	40	31	196	32	40	33	198	32	40	33	198	34	40	35	200	
	113A	16.5	19.8	31	40	31	196	34	40	33	198	34	40	33	198	36	40	35	200	
	115A	33.0	39.7	56	60	51	196	58	60	53	198	59	60	54	198	61	70	56	200	
	114A+116A	41.7	50.2	69	70	63	196	72	80	65	198	72	80	66	198	74	80	68	200	
	115A+113A	50.0	60.1	67	80	75	196	69	80	77	198	69	80	77	198	72	80	79	200	
575-3-60	STD	NONE	—	—	31	40	33	201	33	40	35	203	34	40	35	203	35	45	37	205
		116A	13.9	16.7	31	40	33	201	33	40	35	203	34	40	35	203	35	45	37	205
		113A	16.5	19.8	33	40	33	201	35	40	35	203	36	40	35	203	38	45	37	205
		115A	33.0	39.7	58	60	53	201	60	60	55	203	61	70	56	203	63	70	58	205
		114A+116A	41.7	50.2	71	80	65	201	73	80	67	203	74	80	68	203	76	80	70	205
	MED	115A+113A	50.0	60.1	69	80	76	201	71	80	79	203	71	80	79	203	74	80	81	205
		NONE	—	—	24	30	24	147	27	30	29	151	25	30	26	149	29	35	31	153
		118A	17.0	20.4	32	35	29	147	36	40	33	151	34	35	31	149	38	40	35	153
		119A	34.0	40.9	57	60	52	147	62	70	57	151	59	60	54	149	64	70	59	153
		118A+119A	51.0	61.3	67	80	76	147	72	80	80	151	70	80	78	149	74	80	82	153
HIGH	NONE	—	—	24	30	24	147	27	30	29	151	25	30	26	149	29	35	31	153	
	118A	17.0	20.4	32	35	29	147	36	40	33	151	34	35	31	149	38	40	35	153	
	119A	34.0	40.9	57	60	52	147	62	70	57	151	59	60	54	149	64	70	59	153	
	118A+119A	51.0	61.3	67	80	76	147	72	80	80	151	70	80	78	149	74	80	82	153	
	NONE	—	—	25	30	26	161	29	35	31	165	27	30	28	163	31	35	33	167	
HIGH	118A	17.0	20.4	34	35	31	161	38	40	35	165	36	40	33	163	41	45	37	167	
	119A	34.0	40.9	59	60	54	161	64	70	59	165	61	70	56	163	66	70	60	167	
	118A+119A	51.0	61.3	70	80	78	161	74	80	82	165	72	80	80	163	76	80	84	167	

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 v

(BC) 231 – 227 = 4 v

(AC) 227 – 226 = 1 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.