



## ENGINEERING DATA SUPPLEMENT

## 208V-3ph

## Supply Air Blower Motor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30 kW	167	175	181	201	217	236	240
	45 kW	167	175	181	201	217	236	240
	60 kW	167	175	181	201	217	236	240
	75 kW	181	190	198	218	234	253	257
	90 kW	212	221	230	249	265	285	289
Electric Heat Without Power Exhaust Maximum Overcurrent Protection (amps)	30 kW	175	200	200	225	225	300	300
	45 kW	175	200	200	225	225	300	300
	60 kW	175	200	200	225	225	300	300
	75 kW	200	200	200	225	250	300	300
	90 kW	225	225	250	250	300	300	300
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30 kW	172	179	186	206	222	241	245
	45 kW	172	179	186	206	222	241	245
	60 kW	172	179	186	206	222	241	245
	75 kW	187	196	204	224	240	259	263
	90 kW	218	227	236	255	271	291	295
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	225	250	300	300
	45 kW	200	200	200	225	250	300	300
	60 kW	200	200	200	225	250	300	300
	75 kW	200	200	225	225	250	300	300
	90 kW	225	250	250	300	300	300	300
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30 kW	177	184	191	210	227	246	250
	45 kW	177	184	191	210	227	246	250
	60 kW	177	184	191	210	227	246	250
	75 kW	193	202	210	230	246	265	269
	90 kW	224	233	242	261	277	297	301
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	250	250	300	300
	45 kW	200	200	200	250	250	300	300
	60 kW	200	200	200	250	250	300	300
	75 kW	200	225	225	250	250	300	300
	90 kW	225	250	250	300	300	300	350
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	30 kW	178	185	192	211	228	247	251
	45 kW	178	185	192	211	228	247	251
	60 kW	178	185	192	211	228	247	251
	75 kW	194	203	212	231	247	267	271
	90 kW	225	235	243	262	279	298	302
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	250	250	300	300
	45 kW	200	200	200	250	250	300	300
	60 kW	200	200	200	250	250	300	300
	75 kW	200	225	225	250	250	300	300
	90 kW	250	250	250	300	300	300	350



## ENGINEERING DATA SUPPLEMENT

## 208V-3ph

## Supply Air Blower Motor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	30 kW	188	196	203	222	238	258	262
	45 kW	188	196	203	222	238	258	262
	60 kW	188	196	203	222	238	258	262
	75 kW	207	217	225	244	261	280	284
	90 kW	239	248	256	275	292	311	315
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	225	250	250	300	300
	45 kW	200	200	225	250	250	300	300
	60 kW	200	200	225	250	250	300	300
	75 kW	225	225	250	250	300	300	300
	90 kW	250	250	300	300	300	350	350
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30 kW	184	191	198	217	234	253	257
	45 kW	184	191	198	217	234	253	257
	60 kW	184	191	198	217	234	253	257
	75 kW	202	211	219	238	255	274	278
	90 kW	233	242	251	270	286	306	310
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	225	250	250	300	300
	45 kW	200	200	225	250	250	300	300
	60 kW	200	200	225	250	250	300	300
	75 kW	225	225	225	250	300	300	300
	90 kW	250	250	300	300	300	350	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	30 kW	200	208	215	234	251	270	274
	45 kW	200	208	215	234	251	270	274
	60 kW	200	208	215	234	251	270	274
	75 kW	222	232	240	259	276	295	299
	90 kW	254	263	271	291	307	326	330
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30 kW	225	225	225	250	300	300	300
	45 kW	225	225	225	250	300	300	300
	60 kW	225	225	225	250	300	300	300
	75 kW	225	250	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350



## ENGINEERING DATA SUPPLEMENT

208V-3ph

Supply Air Blower Motor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp	30 kW	191	199	205	221	234	249	253
	45 kW	191	199	205	221	234	249	253
Minimum Circuit Ampacity (amps)	60 kW	191	199	205	221	234	249	253
	75 kW	211	220	229	248	264	284	288
	90 kW	242	252	260	279	296	315	319
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	30 kW	200	225	225	250	250	300	300
	45 kW	200	225	225	250	250	300	300
	60 kW	200	225	225	250	250	300	300
	75 kW	225	225	250	250	300	300	300
	90 kW	250	300	300	300	300	350	350
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	30 kW	215	223	230	249	266	285	289
	45 kW	215	223	230	249	266	285	289
	60 kW	215	223	230	249	266	285	289
	75 kW	241	251	259	278	295	314	318
	90 kW	273	282	290	309	326	345	349
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	30 kW	250	250	250	250	300	350	350
	45 kW	250	250	250	250	300	350	350
	60 kW	250	250	250	250	300	350	350
	75 kW	250	300	300	300	300	350	350
	90 kW	300	300	300	350	350	350	350



## ENGINEERING DATA SUPPLEMENT

		230V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30 kW	167	175	181	201	217	236	240
	45 kW	167	175	181	201	217	236	240
	60 kW	167	175	181	201	217	236	240
	75 kW	204	214	222	241	258	277	281
	90 kW	240	250	258	277	294	313	317
Electric Heat Without Power Exhaust Maximum Overcurrent Protection (amps)	30 kW	175	200	200	225	250	300	300
	45 kW	175	200	200	225	250	300	300
	60 kW	175	200	200	225	250	300	300
	75 kW	225	225	225	250	300	300	300
	90 kW	250	300	300	300	300	350	350
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30 kW	172	179	186	206	222	241	245
	45 kW	172	179	186	206	222	241	245
	60 kW	172	179	186	206	222	241	245
	75 kW	209	218	227	246	262	282	286
	90 kW	245	254	263	282	298	318	322
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	250	250	300	300
	45 kW	200	200	200	250	250	300	300
	60 kW	200	200	200	250	250	300	300
	75 kW	225	225	250	250	300	300	300
	90 kW	250	300	300	300	300	350	350
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30 kW	177	184	191	210	227	246	250
	45 kW	177	184	191	210	227	246	250
	60 kW	177	184	191	210	227	246	250
	75 kW	214	223	231	251	267	286	290
	90 kW	250	259	268	287	303	323	327
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	250	250	300	300
	45 kW	200	200	200	250	250	300	300
	60 kW	200	200	200	250	250	300	300
	75 kW	225	225	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	30 kW	178	185	192	211	228	247	251
	45 kW	178	185	192	211	228	247	251
	60 kW	178	185	192	211	228	247	251
	75 kW	215	224	232	252	268	287	291
	90 kW	251	260	269	288	304	324	328
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	250	250	300	300
	45 kW	200	200	200	250	250	300	300
	60 kW	200	200	200	250	250	300	300
	75 kW	225	225	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350



## ENGINEERING DATA SUPPLEMENT

ENGINEERING DATA SUPPLEMENT		230V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	30 kW	188	196	203	222	238	258	262
	45 kW	188	196	203	222	238	258	262
	60 kW	188	196	203	222	238	258	262
	75 kW	225	235	243	262	279	298	302
	90 kW	261	271	279	298	315	334	338
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	225	250	250	300	300
	45 kW	200	200	225	250	250	300	300
	60 kW	200	200	225	250	250	300	300
	75 kW	250	250	250	300	300	300	350
	90 kW	300	300	300	300	350	350	350
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30 kW	184	191	198	217	234	253	257
	45 kW	184	191	198	217	234	253	257
	60 kW	185	194	202	222	238	257	261
	75 kW	221	230	239	258	274	294	298
	90 kW	257	266	275	294	310	330	334
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	225	250	250	300	300
	45 kW	200	200	225	250	250	300	300
	60 kW	200	200	225	250	250	300	300
	75 kW	225	250	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	30 kW	200	208	215	234	251	270	274
	45 kW	200	208	215	234	251	270	274
	60 kW	202	211	219	238	255	274	278
	75 kW	238	247	255	274	291	310	314
	90 kW	274	283	291	311	327	346	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30 kW	225	225	225	250	300	300	350
	45 kW	225	225	225	250	300	300	350
	60 kW	225	225	225	250	300	300	350
	75 kW	250	250	300	300	300	350	350
	90 kW	300	300	300	350	350	350	400
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	30 kW	191	199	205	221	234	249	253
	45 kW	191	199	205	221	234	249	253
	60 kW	192	202	210	229	246	265	269
	75 kW	228	238	246	265	282	301	305
	90 kW	264	274	282	301	318	337	341
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	30 kW	200	225	225	250	300	300	300
	45 kW	200	225	225	250	300	300	300
	60 kW	200	225	225	250	300	300	300
	75 kW	250	250	250	300	300	350	350
	90 kW	300	300	300	350	350	350	350



## ENGINEERING DATA SUPPLEMENT

## 230V-3ph

## Supply Air Blower Motor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	30 kW	215	223	230	249	266	285	289
	45 kW	215	223	230	249	266	285	289
	60 kW	217	226	234	253	270	289	293
	75 kW	253	262	270	289	306	325	329
	90 kW	289	298	306	326	342	361	365
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	30 kW	250	250	250	250	300	350	350
	45 kW	250	250	250	250	300	350	350
	60 kW	250	250	250	300	300	350	350
	75 kW	300	300	300	300	350	350	350
	90 kW	300	300	350	350	350	400	400



ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30	84	87	90	99	106	115	122
	45	84	87	90	99	106	115	122
	60	84	88	92	100	108	117	124
	75	102	106	110	118	126	135	142
	90	120	124	128	137	144	153	160
	105	138	142	146	155	162	171	178
	120	156	160	164	173	180	189	196
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	30	90	90	100	100	110	125	125
	45	90	90	100	100	110	125	125
	60	90	90	100	110	110	125	125
	75	110	110	125	125	150	150	150
	90	125	125	150	150	150	175	175
	105	150	150	150	175	175	175	200
	120	175	175	175	175	200	200	200
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30	86	89	92	101	108	117	125
	45	86	89	92	101	108	117	125
	60	87	91	95	103	111	120	127
	75	105	109	113	121	129	138	145
	90	123	127	131	140	147	156	163
	105	141	145	149	158	165	174	181
	120	159	163	167	176	183	192	199
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30	90	90	100	110	110	125	150
	45	90	90	100	110	110	125	150
	60	90	100	100	110	125	125	150
	75	110	110	125	125	150	150	150
	90	125	150	150	150	150	175	175
	105	150	150	150	175	175	175	200
	120	175	175	175	200	200	200	200
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30	88	92	95	103	111	120	127
	45	88	92	95	103	111	120	127
	60	90	94	98	106	114	123	130
	75	108	112	116	124	132	141	148
	90	126	130	134	143	150	159	166
	105	144	148	152	161	168	177	184
	120	162	166	170	179	186	195	202
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30	90	100	100	110	125	125	150
	45	90	100	100	110	125	125	150
	60	100	100	100	110	125	125	150
	75	110	125	125	125	150	150	150
	90	150	150	150	150	175	175	175
	105	150	150	175	175	175	200	200
	120	175	175	175	200	200	200	225



ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	30	88	92	95	103	111	120	127
	45	88	92	95	103	111	120	122
	60	90	94	98	106	114	123	130
	75	108	112	116	124	132	141	148
	90	126	130	134	143	150	159	166
	105	144	148	152	161	168	177	184
	120	162	166	170	179	186	195	202
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30	90	100	100	110	125	125	150
	45	90	100	100	110	125	125	125
	60	100	100	100	110	125	125	150
	75	110	125	125	125	150	150	150
	90	150	150	150	150	175	175	175
	105	150	150	175	175	175	200	200
	120	175	175	175	200	200	200	225
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	30	93	97	100	108	116	124	132
	45	93	97	100	108	116	124	132
	60	96	100	104	112	120	129	136
	75	114	118	122	130	138	147	154
	90	132	136	140	149	156	165	172
	105	150	154	158	167	174	183	190
	120	168	172	176	185	192	201	208
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30	100	100	110	110	125	125	150
	45	100	100	110	110	125	125	150
	60	100	110	110	125	125	150	150
	75	125	125	125	150	150	150	175
	90	150	150	150	150	175	175	175
	105	175	175	175	175	175	200	200
	120	175	175	200	200	200	225	225
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30	91	95	98	106	114	122	130
	45	91	95	98	106	114	122	130
	60	93	97	101	110	117	126	134
	75	111	115	119	128	135	144	152
	90	129	134	137	146	154	162	170
	105	147	152	155	164	172	180	188
	120	165	170	173	182	190	198	206
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30	100	100	100	110	125	125	150
	45	100	100	100	110	125	125	150
	60	100	100	110	125	125	150	150
	75	125	125	125	150	150	150	175
	90	150	150	150	150	175	175	175
	105	150	175	175	175	175	200	200
	120	175	175	175	200	200	200	225





ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	30	99	102	105	114	121	130	137
	45	99	102	105	114	121	130	137
	60	103	107	111	119	127	136	143
	75	121	125	129	137	145	154	161
	90	139	143	147	156	163	172	179
	105	157	161	165	174	181	190	197
	120	175	179	183	192	199	208	215
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30	100	110	110	125	125	150	150
	45	100	110	110	125	125	150	150
	60	110	110	125	125	150	150	150
	75	125	150	150	150	150	175	175
	90	150	150	150	175	175	175	200
	105	175	175	175	175	200	200	200
	120	200	200	200	200	200	225	225
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	30	95	98	101	110	117	126	133
	45	95	98	101	110	117	126	126
	60	97	102	105	114	122	130	138
	75	115	120	123	132	140	148	156
	90	134	138	142	150	158	167	174
	105	152	156	160	168	176	185	192
	120	170	174	178	186	194	203	210
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	30	100	100	110	125	125	150	150
	45	100	100	110	125	125	150	150
	60	100	110	110	125	125	150	150
	75	125	125	125	150	150	150	175
	90	150	150	150	175	175	175	175
	105	175	175	175	175	200	200	200
	120	175	175	200	200	200	225	225
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	30	106	109	112	121	128	137	144
	45	106	109	112	121	128	137	144
	60	111	115	119	128	135	144	152
	75	129	133	137	146	153	162	170
	90	147	152	155	164	172	180	188
	105	165	170	173	182	190	198	206
	120	183	188	191	200	208	216	224
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	30	110	110	125	125	150	150	150
	45	110	110	125	125	150	150	150
	60	125	125	125	150	150	150	175
	75	150	150	150	150	175	175	175
	90	150	175	175	175	175	200	200
	105	175	175	175	200	200	200	225
	120	200	200	200	225	225	225	225



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30	69	72	74	80	85	90	95
	45	69	72	74	80	85	90	95
	60	69	72	74	81	87	93	99
	75	82	85	88	95	101	108	114
	90	96	100	102	110	116	122	128
	105	110	114	117	124	130	137	143
	120	125	128	131	138	145	151	157
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	30	70	80	80	90	90	100	100
	45	70	80	80	90	90	100	100
	60	70	80	80	90	90	100	100
	75	90	90	90	100	110	110	125
	90	100	110	110	125	125	125	150
	105	125	125	125	125	150	150	150
	120	150	150	150	150	150	175	175
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30	71	74	76	82	87	92	97
	45	71	74	76	82	87	92	97
	60	71	74	76	83	89	96	102
	75	84	88	90	98	104	110	116
	90	98	102	105	112	118	125	131
	105	113	117	119	127	133	139	145
	120	127	131	133	141	147	153	160
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30	80	80	80	90	90	100	100
	45	80	80	80	90	90	100	100
	60	80	80	80	90	90	100	110
	75	90	90	100	100	110	125	125
	90	100	110	110	125	125	150	150
	105	125	125	125	150	150	150	150
	120	150	150	150	150	150	175	175
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30	73	76	78	85	91	98	104
	45	73	76	78	85	91	98	104
	60	73	76	78	86	92	98	104
	75	87	90	93	100	106	113	119
	90	101	105	107	115	121	127	133
	105	115	119	122	129	135	142	148
	120	130	133	136	143	150	156	162
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30	80	80	80	90	100	100	110
	45	80	80	80	90	100	100	110
	60	80	80	80	90	100	100	110
	75	90	100	100	110	110	125	125
	90	110	110	110	125	125	150	150
	105	125	125	125	150	150	150	150
	120	150	150	150	150	175	175	175



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	30	73	76	78	85	91	98	104
	45	73	76	78	85	91	98	104
	60	73	76	78	86	92	98	104
	75	86	90	93	100	106	113	119
	90	101	104	107	114	121	127	133
	105	115	119	121	129	135	141	148
	120	130	133	136	143	150	156	162
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30	80	80	80	90	100	100	110
	45	80	80	80	90	100	100	110
	60	80	80	80	90	100	100	110
	75	90	100	100	110	110	125	125
	90	110	110	110	125	125	150	150
	105	125	125	125	150	150	150	150
	120	150	150	150	150	175	175	175
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	30	77	80	82	89	95	101	108
	45	77	80	82	89	95	101	108
	60	77	80	83	90	97	103	109
	75	91	95	97	105	111	117	124
	90	106	109	112	119	126	132	138
	105	120	124	126	134	140	146	153
	120	135	138	141	148	154	161	167
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30	80	90	90	90	100	110	110
	45	80	90	90	90	100	110	110
	60	80	90	90	100	100	110	110
	75	100	100	100	110	125	125	125
	90	110	110	125	125	150	150	150
	105	125	125	150	150	150	150	175
	120	150	150	150	150	175	175	175
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30	75	78	80	87	93	100	106
	45	75	78	80	87	93	100	106
	60	75	78	81	88	95	101	107
	75	89	93	95	103	109	115	122
	90	104	107	110	117	123	130	136
	105	118	122	124	132	138	144	150
	120	132	136	139	146	152	159	165
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30	80	80	90	90	100	110	110
	45	80	80	90	90	100	110	110
	60	80	80	90	90	100	110	110
	75	90	100	100	110	110	125	125
	90	110	110	125	125	125	150	150
	105	125	125	125	150	150	150	175
	120	150	150	150	150	175	175	175



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	30	81	84	86	93	100	106	112
	45	81	84	86	93	100	106	112
	60	82	86	88	96	102	108	115
	75	97	100	103	110	117	123	129
	90	111	115	117	125	131	137	144
	105	126	129	132	139	146	152	158
	120	140	144	146	154	160	166	172
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30	90	90	90	100	110	110	125
	45	90	90	90	100	110	110	125
	60	90	90	90	100	110	110	125
	75	100	110	110	125	125	125	150
	90	125	125	125	150	150	150	150
	105	150	150	150	150	150	175	175
	120	150	150	150	175	175	175	175
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	30	78	81	83	90	96	103	109
	45	78	81	83	90	96	103	109
	60	78	82	84	92	98	104	111
	75	93	96	99	106	113	119	125
	90	107	111	113	121	127	133	140
	105	122	125	128	135	142	148	154
	120	136	140	142	150	156	162	168
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	30	80	90	90	100	100	110	110
	45	80	90	90	100	100	110	110
	60	80	90	90	100	100	110	125
	75	100	100	100	110	125	125	150
	90	110	125	125	125	150	150	150
	105	125	150	150	150	150	150	175
	120	150	150	150	175	175	175	175
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	30	87	90	92	99	105	112	118
	45	87	90	92	99	105	112	118
	60	90	93	96	103	109	116	122
	75	104	108	110	118	124	130	136
	90	118	122	125	132	138	145	151
	105	133	137	139	147	153	159	165
	120	147	151	153	161	167	173	180
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	30	90	100	100	100	110	125	125
	45	90	100	100	100	110	125	125
	60	100	100	100	110	110	125	125
	75	110	110	125	125	125	150	150
	90	125	125	150	150	150	150	175
	105	150	150	150	150	175	175	175
	120	150	175	175	175	175	175	200



ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30 kW	174	181	188	207	224	243	247
	45 kW	174	181	188	207	224	243	247
	60 kW	174	181	188	207	224	243	247
	75 kW	181	190	198	218	234	253	257
	90 kW	212	221	230	249	265	285	289
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	30 kW	175	200	200	225	225	250	250
	45 kW	175	200	200	225	225	250	250
	60 kW	175	200	200	225	225	250	250
	75 kW	200	200	200	225	250	300	300
	90 kW	225	225	250	250	300	300	300
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30 kW	178	186	193	212	229	248	252
	45 kW	178	186	193	212	229	248	252
	60 kW	178	186	193	212	229	248	252
	75 kW	187	196	204	224	240	259	263
	90 kW	218	227	236	255	271	291	295
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	225	250	250	300
	45 kW	200	200	200	225	250	250	300
	60 kW	200	200	200	225	250	250	300
	75 kW	200	200	225	225	250	300	300
	90 kW	225	250	250	300	300	300	300
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30 kW	183	191	198	217	233	253	257
	45 kW	183	191	198	217	233	253	257
	60 kW	183	191	198	217	233	253	257
	75 kW	193	202	210	230	246	265	269
	90 kW	224	233	242	261	277	297	301
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	225	250	300	300
	45 kW	200	200	200	225	250	300	300
	60 kW	200	200	200	225	250	300	300
	75 kW	200	225	225	250	250	300	300
	90 kW	225	250	250	300	300	300	350
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	30 kW	184	192	199	218	234	254	258
	45 kW	184	192	199	218	234	254	258
	60 kW	184	192	199	218	234	254	258
	75 kW	194	203	212	231	247	267	271
	90 kW	225	235	243	262	279	298	302
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	225	250	300	300
	45 kW	200	200	200	225	250	300	300
	60 kW	200	200	200	225	250	300	300
	75 kW	200	225	225	250	250	300	300
	90 kW	250	250	250	300	300	300	350
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	30 kW	195	202	209	229	245	264	268
	45 kW	195	202	209	229	245	264	268
	60 kW	195	202	209	229	245	264	268
	75 kW	207	217	225	244	261	280	284
	90 kW	239	248	256	275	292	311	315



ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30 kW	200	225	225	250	250	300	300
	45 kW	200	225	225	250	250	300	300
	60 kW	200	225	225	250	250	300	300
	75 kW	225	225	250	250	300	300	300
	90 kW	250	250	300	300	300	350	350
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30 kW	190	198	205	224	241	260	264
	45 kW	190	198	205	224	241	260	264
	60 kW	190	198	205	224	241	260	264
	75 kW	202	211	219	238	255	274	278
	90 kW	233	242	251	270	286	306	310
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	225	225	250	300	300
	45 kW	200	200	225	225	250	300	300
	60 kW	200	200	225	225	250	300	300
	75 kW	225	225	225	250	300	300	300
	90 kW	250	250	300	300	300	350	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	30 kW	207	215	221	241	257	276	280
	45 kW	207	215	221	241	257	276	280
	60 kW	207	215	221	241	257	276	280
	75 kW	222	232	240	259	276	295	299
	90 kW	254	263	271	291	307	326	330
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30 kW	225	225	225	250	300	300	300
	45 kW	225	225	225	250	300	300	300
	60 kW	225	225	225	250	300	300	300
	75 kW	225	250	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	30 kW	198	205	212	227	241	256	259
	45 kW	198	205	212	227	241	256	259
	60 kW	198	205	212	227	241	256	259
	75 kW	211	220	229	248	264	284	288
	90 kW	242	252	260	279	296	315	319
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	30 kW	200	225	225	250	250	300	300
	45 kW	200	225	225	250	250	300	300
	60 kW	200	225	225	250	250	300	300
	75 kW	225	225	250	250	300	300	300
	90 kW	250	300	300	300	300	350	350
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	30 kW	222	230	236	256	272	291	295
	45 kW	222	230	236	256	272	291	295
	60 kW	222	230	236	256	272	291	295
	75 kW	241	251	259	278	295	314	318
	90 kW	273	282	290	309	326	345	349
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	30 kW	225	250	250	300	300	300	300
	45 kW	225	250	250	300	300	300	300
	60 kW	225	250	250	300	300	300	300
	75 kW	250	300	300	300	300	350	350
	90 kW	300	300	300	350	350	350	350



ENGINEERING DATA SUPPLEMENT		230V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30 kW	174	181	188	207	224	243	247
	45 kW	174	181	188	207	224	243	247
	60 kW	174	181	188	207	224	243	247
	75 kW	204	214	222	241	258	277	281
	90 kW	240	250	258	277	294	313	317
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	30 kW	175	200	200	225	225	250	250
	45 kW	175	200	200	225	225	250	250
	60 kW	175	200	200	225	225	250	250
	75 kW	225	225	225	250	300	300	300
	90 kW	250	300	300	300	300	350	350
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30 kW	178	186	193	212	229	248	252
	45 kW	178	186	193	212	229	248	252
	60 kW	178	186	193	212	229	248	252
	75 kW	209	218	227	246	262	282	286
	90 kW	245	254	263	282	298	318	322
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	225	250	250	300
	45 kW	200	200	200	225	250	250	300
	60 kW	200	200	200	225	250	250	300
	75 kW	225	225	250	250	300	300	300
	90 kW	250	300	300	300	300	350	350
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30 kW	183	191	198	217	233	253	257
	45 kW	183	191	198	217	233	253	257
	60 kW	183	191	198	217	233	253	257
	75 kW	214	223	231	251	267	286	290
	90 kW	250	259	268	287	303	323	327
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	225	250	300	300
	45 kW	200	200	200	225	250	300	300
	60 kW	200	200	200	225	250	300	300
	75 kW	225	225	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	30 kW	184	192	199	218	234	254	258
	45 kW	184	192	199	218	234	254	258
	60 kW	184	192	199	218	234	254	258
	75 kW	215	224	232	252	268	287	291
	90 kW	251	260	269	288	304	324	328
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	225	250	300	300
	45 kW	200	200	200	225	250	300	300
	60 kW	200	200	200	225	250	300	300
	75 kW	225	225	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	30 kW	195	202	209	229	245	264	268
	45 kW	195	202	209	229	245	264	268
	60 kW	195	202	209	229	245	264	268
	75 kW	225	235	243	262	279	298	302
	90 kW	261	271	279	298	315	334	338



ENGINEERING DATA SUPPLEMENT		230V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30 kW	200	225	225	250	250	300	300
	45 kW	200	225	225	250	250	300	300
	60 kW	200	225	225	250	250	300	300
	75 kW	250	250	250	300	300	300	350
	90 kW	300	300	300	300	350	350	350
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30 kW	190	198	205	224	241	260	264
	45 kW	190	198	250	224	241	260	264
	60 kW	190	198	205	224	241	260	264
	75 kW	221	230	239	258	274	294	298
	90 kW	257	266	275	294	310	330	334
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	225	225	250	300	300
	45 kW	200	200	300	225	250	300	300
	60 kW	200	200	225	225	250	300	300
	75 kW	225	250	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	30 kW	207	215	221	241	257	278	280
	45 kW	207	215	221	241	257	278	280
	60 kW	207	215	221	241	257	278	280
	75 kW	238	247	255	274	291	310	314
	90 kW	274	283	291	311	327	346	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30 kW	225	225	225	250	300	300	300
	45 kW	225	225	225	250	300	300	300
	60 kW	225	225	225	250	300	300	300
	75 kW	250	250	300	300	300	350	350
	90 kW	300	300	300	350	350	350	400
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	30 kW	198	205	212	227	241	256	259
	45 kW	198	205	212	227	241	256	259
	60 kW	198	205	212	227	241	256	259
	75 kW	228	238	246	265	282	301	305
	90 kW	264	274	282	301	318	337	341
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	30 kW	200	225	225	250	250	300	300
	45 kW	200	225	225	250	250	300	300
	60 kW	200	225	225	250	250	300	300
	75 kW	250	250	250	300	300	350	350
	90 kW	300	300	300	350	350	350	350
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	30 kW	222	230	236	256	272	291	295
	45 kW	222	230	236	256	272	291	295
	60 kW	222	230	236	256	272	291	295
	75 kW	253	262	270	289	306	325	329
	90 kW	289	298	306	326	342	361	365
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	30 kW	225	250	250	300	300	300	300
	45 kW	225	250	250	300	300	300	300
	60 kW	225	250	250	300	300	300	300
	75 kW	300	300	300	300	350	350	350
	90 kW	300	300	350	350	350	400	400





ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30	87	90	93	102	109	118	125
	45	87	90	93	102	109	118	125
	60	87	90	93	102	109	118	125
	75	102	106	110	118	126	135	142
	90	120	124	128	137	144	153	160
	105	138	142	146	155	162	171	178
	120	156	160	164	173	180	189	196
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	30	90	100	100	110	110	125	150
	45	90	100	100	110	110	125	150
	60	90	100	100	110	110	125	150
	75	110	110	125	125	150	150	150
	90	125	125	150	150	150	175	175
	105	150	150	150	175	175	175	200
	120	175	175	175	175	200	200	200
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30	89	92	95	104	111	120	128
	45	89	92	95	104	111	120	128
	60	89	92	95	104	111	120	128
	75	105	109	113	121	129	138	145
	90	123	127	131	140	147	156	163
	105	141	145	149	158	165	174	181
	120	159	163	167	176	183	192	199
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30	90	100	100	110	125	125	150
	45	90	100	100	110	125	125	150
	60	90	100	100	110	125	125	150
	75	110	110	125	125	150	150	150
	90	125	150	150	150	150	175	175
	105	150	150	150	175	175	175	200
	120	175	175	175	200	200	200	200
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30	91	95	98	106	114	123	130
	45	91	95	98	106	114	123	130
	60	91	95	98	106	114	123	130
	75	108	112	116	124	132	141	148
	90	126	130	134	143	150	159	166
	105	144	148	152	161	168	177	184
	120	162	166	170	179	186	195	202
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30	100	100	100	110	125	125	150
	45	100	100	100	110	125	125	150
	60	100	100	100	110	125	125	150
	75	110	125	125	125	150	150	150
	90	150	150	150	150	175	175	175
	105	150	150	175	175	175	200	200
	120	175	175	175	200	200	200	225



<i>ENGINEERING DATA SUPPLEMENT</i>		460V-3ph Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	30	91	95	98	106	114	123	130
	45	91	95	98	106	114	123	130
	60	91	95	98	106	114	123	130
	75	108	112	116	124	132	141	148
	90	126	130	134	143	150	159	166
	105	144	148	152	161	168	177	184
	120	162	166	170	179	186	195	202
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30	100	100	100	110	125	125	150
	45	100	100	100	110	125	125	150
	60	100	100	100	110	125	125	150
	75	110	125	125	125	150	150	150
	90	150	150	150	150	175	175	175
	105	150	150	175	175	175	200	200
	120	175	175	175	200	200	200	225
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	30	96	100	103	111	119	127	135
	45	96	100	103	111	119	127	135
	60	96	100	104	112	120	129	136
	75	114	118	122	130	138	147	154
	90	132	136	140	149	156	165	172
	105	150	154	158	167	174	183	190
	120	168	172	176	185	192	201	208
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30	100	110	110	125	125	150	150
	45	100	110	110	125	125	150	150
	60	100	110	110	125	125	150	150
	75	125	125	125	150	150	150	175
	90	150	150	150	150	175	175	175
	105	175	175	175	175	175	200	200
	120	175	175	200	200	200	225	225
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30	94	98	101	109	117	125	133
	45	94	98	101	109	117	125	133
	60	94	98	101	110	117	126	134
	75	111	115	119	128	135	144	152
	90	129	134	137	146	154	162	170
	105	147	152	155	164	172	180	188
	120	165	170	173	182	190	198	206
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30	100	100	110	110	125	150	150
	45	100	100	110	110	125	150	150
	60	100	100	110	125	125	150	150
	75	125	125	125	150	150	150	175
	90	150	150	150	150	175	175	175
	105	150	175	175	175	175	200	200
	120	175	175	175	200	200	200	225



ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	30	102	105	108	117	124	133	140
	45	102	105	108	117	124	133	140
	60	103	107	111	119	127	136	143
	75	121	125	129	137	145	154	161
	90	139	143	147	156	163	172	179
	105	157	161	165	174	181	190	197
	120	175	179	183	192	199	208	215
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30	110	110	110	125	125	150	150
	45	110	110	110	125	125	150	150
	60	110	110	125	125	150	150	150
	75	125	150	150	150	150	175	175
	90	150	150	150	175	175	175	200
	105	175	175	175	175	200	200	200
	120	200	200	200	200	200	225	225
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	30	98	101	104	113	120	129	139
	45	98	101	104	113	120	129	139
	60	98	102	105	114	122	130	139
	75	115	120	123	132	140	148	156
	90	134	138	142	150	158	167	174
	105	152	156	160	168	176	185	192
	120	170	174	178	186	194	203	210
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	30	100	110	110	125	125	150	150
	45	100	110	110	125	125	150	150
	60	100	110	110	125	125	150	150
	75	125	125	125	150	150	150	175
	90	150	150	150	175	175	175	175
	105	175	175	175	175	200	200	200
	120	175	175	200	200	200	225	225
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	30	109	112	115	124	131	140	147
	45	109	112	115	124	131	140	147
	60	111	115	119	128	135	144	152
	75	129	133	137	146	153	162	170
	90	147	152	155	164	172	180	188
	105	165	170	173	182	190	198	206
	120	183	188	191	200	208	216	224
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	30	110	125	125	125	150	150	150
	45	110	125	125	125	150	150	150
	60	125	125	125	150	150	150	175
	75	150	150	150	150	175	175	175
	90	150	175	175	175	175	200	200
	105	175	175	175	200	200	200	225
120	200	200	200	225	225	225	225	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30	71	74	76	82	87	92	97
	45	71	74	76	82	87	92	97
	60	71	74	76	82	87	93	99
	75	82	85	88	95	101	108	114
	90	96	100	102	110	116	122	128
	105	110	114	117	124	130	137	143
	120	125	128	131	138	145	151	157
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	30	80	80	80	90	90	100	100
	45	80	80	80	90	90	100	100
	60	80	80	80	90	90	100	100
	75	90	90	90	100	110	110	125
	90	100	110	110	125	125	125	150
	105	125	125	125	125	150	150	150
	120	150	150	150	150	150	175	175
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30	73	76	78	84	89	94	99
	45	73	76	78	84	89	94	99
	60	73	76	78	84	89	96	102
	75	84	88	90	98	104	110	116
	90	98	102	105	112	118	125	131
	105	113	117	119	127	133	139	145
	120	127	131	133	141	147	153	160
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30	80	80	80	90	90	100	100
	45	80	80	80	90	90	100	100
	60	80	80	80	90	90	100	110
	75	90	90	100	100	110	125	125
	90	100	110	110	125	125	150	150
	105	125	125	125	150	150	150	150
	120	150	150	150	150	150	175	175
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30	75	78	80	88	94	100	106
	45	75	78	80	88	94	100	106
	60	75	78	80	88	94	100	106
	75	87	90	93	100	106	113	119
	90	101	105	107	115	121	127	133
	105	115	119	122	129	135	142	148
	120	130	133	136	143	150	156	162
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30	80	80	90	90	100	110	110
	45	80	80	90	90	100	110	110
	60	80	80	90	90	100	110	110
	75	90	100	100	110	110	125	125
	90	110	110	110	125	125	150	150
	105	125	125	125	150	150	150	150
	120	150	150	150	150	175	175	175



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	30	75	78	80	87	94	100	106
	45	75	78	80	87	94	100	106
	60	75	78	80	87	94	100	106
	75	86	90	93	100	106	113	119
	90	101	104	107	114	121	127	133
	105	115	119	121	129	135	141	148
	120	130	133	136	143	150	156	162
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30	80	80	90	90	100	110	110
	45	80	80	90	90	100	110	110
	60	80	80	90	90	100	110	110
	75	90	100	100	110	110	125	125
	90	110	110	110	125	125	150	150
	105	125	125	125	150	150	150	150
	120	150	150	150	150	175	175	175
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	30	79	82	84	91	98	104	110
	45	79	82	84	91	98	104	110
	60	79	82	84	91	98	104	110
	75	91	95	97	105	111	117	124
	90	106	109	112	119	126	132	138
	105	120	124	126	134	140	146	153
	120	135	138	141	148	154	161	167
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30	80	90	90	100	100	110	125
	45	80	90	90	100	100	110	125
	60	80	90	90	100	100	110	125
	75	100	100	100	110	125	125	125
	90	110	110	125	125	150	150	150
	105	125	125	150	150	150	150	175
	120	150	150	150	150	175	175	175
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30	78	80	82	90	96	102	108
	45	78	80	82	90	96	102	108
	60	78	80	82	90	96	102	108
	75	89	93	95	103	109	115	122
	90	104	107	110	117	123	130	136
	105	118	122	124	132	138	144	150
	120	132	136	139	146	152	159	165
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30	80	90	90	100	100	110	110
	45	80	90	90	100	100	110	110
	60	80	90	90	100	100	110	110
	75	90	100	100	110	110	125	125
	90	110	110	125	125	125	150	150
	105	125	125	125	150	150	150	175
	120	150	150	150	150	175	175	175



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	30	84	87	89	96	102	108	114
	45	84	87	89	96	102	108	114
	60	84	87	89	96	102	108	115
	75	97	100	103	110	117	123	129
	90	111	115	117	125	131	137	144
	105	126	129	132	139	146	152	158
	120	140	144	146	154	160	166	172
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30	90	90	90	100	110	110	125
	45	90	90	90	100	110	110	125
	60	90	90	90	100	110	110	125
	75	100	110	110	125	125	125	150
	90	125	125	125	150	150	150	150
	105	150	150	150	150	150	175	175
	120	150	150	150	175	175	175	175
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	30	80	83	85	93	99	105	111
	45	80	83	85	93	99	105	111
	60	80	83	85	93	99	105	111
	75	93	96	99	106	113	119	125
	90	107	111	113	121	127	133	140
	105	122	125	128	135	142	148	154
	120	136	140	142	150	156	162	168
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	30	90	90	90	100	100	110	125
	45	90	90	90	100	100	110	125
	60	90	90	90	100	100	110	125
	75	100	100	100	110	125	125	150
	90	110	125	125	125	150	150	150
	105	125	150	150	150	150	150	175
	120	150	150	150	175	175	175	175
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	30	89	92	94	102	108	114	120
	45	89	92	94	102	108	114	120
	60	90	93	96	103	109	116	122
	75	104	108	110	118	124	130	136
	90	118	122	125	132	138	145	151
	105	133	137	139	147	153	159	165
	120	147	151	153	161	167	173	180
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	30	90	100	100	110	110	125	125
	45	90	100	100	110	110	125	125
	60	100	100	100	110	110	125	125
	75	110	110	125	125	125	150	150
	90	125	125	150	150	150	150	175
	105	150	150	150	150	175	175	175
	120	150	175	175	175	175	175	200



ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30 kW	170	178	184	204	220	239	243
	45 kW	170	178	184	204	220	239	243
	60 kW	170	178	184	204	220	239	243
	75 kW	181	190	198	218	234	253	257
	90 kW	212	221	230	249	265	285	289
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	30 kW	175	200	200	225	225	250	250
	45 kW	175	200	200	225	225	250	250
	60 kW	175	200	200	225	225	250	250
	75 kW	200	200	200	225	250	300	300
	90 kW	225	225	250	250	300	300	300
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30 kW	175	182	189	208	225	244	248
	45 kW	175	182	189	208	225	244	248
	60 kW	175	182	189	208	225	244	248
	75 kW	187	196	204	224	240	259	263
	90 kW	218	227	236	255	271	291	295
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	225	250	250	250
	45 kW	200	200	200	225	250	250	250
	60 kW	200	200	200	225	250	250	250
	75 kW	200	200	225	225	250	300	300
	90 kW	225	250	250	300	300	300	300
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30 kW	180	187	194	213	230	249	253
	45 kW	180	187	194	213	230	249	253
	60 kW	180	187	194	213	230	249	253
	75 kW	193	202	210	230	246	265	269
	90 kW	224	233	242	261	277	297	301
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	225	250	250	300
	45 kW	200	200	200	225	250	250	300
	60 kW	200	200	200	225	250	250	300
	75 kW	200	225	225	250	250	300	300
	90 kW	225	250	250	300	300	300	350
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	30 kW	181	188	195	214	231	250	254
	45 kW	181	188	195	214	231	250	254
	60 kW	181	188	195	214	231	250	254
	75 kW	194	203	212	231	247	267	271
	90 kW	225	235	243	262	279	298	302
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	225	250	300	300
	45 kW	200	200	200	225	250	300	300
	60 kW	200	200	200	225	250	300	300
	75 kW	200	225	225	250	250	300	300
	90 kW	250	250	250	300	300	300	350



ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	30 kW	191	199	205	225	241	260	264
	45 kW	191	199	205	225	241	260	264
	60 kW	191	199	205	225	241	260	264
	75 kW	207	217	225	244	261	280	284
	90 kW	239	248	256	275	292	311	315
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	225	250	250	300	300
	45 kW	200	200	225	250	250	300	300
	60 kW	200	200	225	250	250	300	300
	75 kW	225	225	250	250	300	300	300
	90 kW	250	250	300	300	300	350	350
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30 kW	187	194	201	220	237	256	260
	45 kW	187	194	201	220	237	256	260
	60 kW	187	194	201	220	237	256	260
	75 kW	202	211	219	238	255	274	278
	90 kW	233	242	251	270	286	306	310
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	225	225	250	300	300
	45 kW	200	200	225	225	250	300	300
	60 kW	200	200	225	225	250	300	300
	75 kW	225	225	225	250	300	300	300
	90 kW	250	250	300	300	300	350	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	30 kW	203	211	218	237	253	273	277
	45 kW	203	211	218	237	253	273	277
	60 kW	203	211	218	237	253	273	277
	75 kW	222	232	240	259	276	295	299
	90 kW	254	263	271	291	307	326	330
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30 kW	225	225	225	250	300	300	300
	45 kW	225	225	225	250	300	300	300
	60 kW	225	225	225	250	300	300	300
	75 kW	225	250	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	30 kW	194	202	208	224	237	252	256
	45 kW	194	202	208	224	237	252	256
	60 kW	194	202	208	224	237	252	256
	75 kW	211	220	229	248	264	284	288
	90 kW	242	252	260	279	296	315	319
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	30 kW	200	225	225	225	250	300	300
	45 kW	200	225	225	225	250	300	300
	60 kW	200	225	225	225	250	300	300
	75 kW	225	225	250	250	300	300	300
	90 kW	250	300	300	300	300	350	350





<i>ENGINEERING DATA SUPPLEMENT</i>		208V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	30 kW	218	226	233	252	268	288	292
	45 kW	218	226	233	252	268	288	292
	60 kW	218	226	233	252	268	288	292
	75 kW	241	251	259	278	295	314	318
	90 kW	273	282	290	309	326	345	349
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	30 kW	225	250	250	300	300	300	300
	45 kW	225	250	250	300	300	300	300
	60 kW	225	250	250	300	300	300	300
	75 kW	250	300	300	300	300	350	350
	90 kW	300	300	300	350	350	350	350



ENGINEERING DATA SUPPLEMENT		230V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30 kW	170	178	184	204	220	239	243
	45 kW	170	178	184	204	220	239	243
	60 kW	170	177	186	205	221	241	245
	75 kW	204	214	222	241	258	277	281
	90 kW	240	250	258	277	294	313	317
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	30 kW	175	200	200	225	225	250	250
	45 kW	175	200	200	225	225	250	250
	60 kW	175	200	200	225	225	250	250
	75 kW	225	225	225	250	300	300	300
	90 kW	250	300	300	300	300	350	350
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30 kW	175	182	189	204	218	233	236
	45 kW	175	182	189	204	218	235	239
	60 kW	175	182	191	209	225	244	250
	75 kW	209	218	227	246	262	282	286
	90 kW	245	254	263	282	298	318	322
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	225	225	250	250
	45 kW	200	200	200	225	225	250	250
	60 kW	200	200	200	225	250	250	300
	75 kW	225	225	250	250	300	300	300
	90 kW	250	300	300	300	300	350	350
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30 kW	180	187	194	209	222	238	241
	45 kW	180	187	194	209	222	241	245
	60 kW	180	187	195	215	231	250	254
	75 kW	214	223	231	251	267	286	290
	90 kW	250	259	268	287	303	323	327
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	225	225	250	250
	45 kW	200	200	200	225	225	250	250
	60 kW	200	200	200	225	250	300	300
	75 kW	225	225	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	30 kW	181	188	195	210	223	239	242
	45 kW	181	188	195	210	223	243	247
	60 kW	181	188	196	216	232	251	255
	75 kW	215	224	232	252	268	287	291
	90 kW	251	260	269	288	304	324	328
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	225	225	250	250
	45 kW	200	200	200	225	225	250	250
	60 kW	200	200	200	225	250	300	300
	75 kW	225	225	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350



ENGINEERING DATA SUPPLEMENT		230V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	30 kW	191	199	205	221	234	249	253
	45 kW	191	199	205	221	237	256	260
	60 kW	192	199	207	226	243	262	266
	75 kW	225	235	243	262	279	298	302
	90 kW	261	271	279	298	315	334	338
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	225	225	250	250	300
	45 kW	200	200	225	225	250	300	300
	60 kW	200	200	225	250	250	300	300
	75 kW	250	250	250	300	300	300	350
	90 kW	300	300	300	300	350	350	350
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30 kW	187	194	201	220	237	256	260
	45 kW	187	194	201	220	237	256	260
	60 kW	187	194	202	222	238	257	261
	75 kW	221	230	239	258	274	294	298
	90 kW	257	266	275	294	310	330	334
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	225	225	250	300	300
	45 kW	200	200	225	225	250	300	300
	60 kW	200	200	225	225	250	300	300
	75 kW	225	250	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	30 kW	203	211	218	237	253	273	277
	45 kW	203	211	218	237	253	273	277
	60 kW	203	211	219	238	255	274	278
	75 kW	238	247	255	274	291	310	314
	90 kW	274	283	291	311	327	346	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30 kW	225	225	225	250	300	300	300
	45 kW	225	225	225	250	300	300	300
	60 kW	225	225	225	250	300	300	300
	75 kW	250	250	300	300	300	350	350
	90 kW	300	300	300	350	350	350	400
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	30 kW	194	202	208	224	237	252	256
	45 kW	194	202	208	224	237	252	256
	60 kW	196	202	210	229	246	265	269
	75 kW	228	238	246	265	282	301	305
	90 kW	264	274	282	301	318	337	341
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	30 kW	200	225	225	225	250	300	300
	45 kW	200	225	225	225	250	300	300
	60 kW	200	225	225	250	250	300	300
	75 kW	250	250	250	300	300	350	350
	90 kW	300	300	300	350	350	350	350



<i>ENGINEERING DATA SUPPLEMENT</i>		230V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	30 kW	218	226	233	252	268	288	292
	45 kW	218	226	233	252	268	288	292
	60 kW	218	226	234	253	270	289	293
	75 kW	253	262	270	289	306	325	329
	90 kW	289	298	306	326	342	361	365
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	30 kW	225	250	250	300	300	300	300
	45 kW	225	250	250	300	300	300	300
	60 kW	225	250	250	300	300	300	300
	75 kW	300	300	300	300	350	350	350
	90 kW	300	300	350	350	350	400	400



## ENGINEERING DATA SUPPLEMENT

## 460V-3ph

## Supply Air Blower Motor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30	92	95	98	106	114	122	130
	45	92	95	98	106	114	122	130
	60	92	95	98	106	114	122	130
	75	102	106	110	118	126	135	142
	90	120	124	128	137	144	153	160
	105	138	142	146	155	162	171	178
	120	156	160	164	173	180	189	196
	135	174	178	182	191	198	207	214
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	30	100	100	100	110	125	125	150
	45	100	100	100	110	125	125	150
	60	100	100	100	110	125	125	150
	75	110	110	125	125	150	150	150
	90	125	125	150	150	150	175	175
	105	150	150	150	175	175	175	200
	120	175	175	175	175	200	200	200
	135	175	200	200	200	200	225	225
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30	94	97	100	109	116	125	132
	45	94	97	100	109	116	125	132
	60	94	97	100	109	116	125	132
	75	105	109	113	121	129	138	145
	90	123	127	131	140	147	156	163
	105	141	145	149	158	165	174	181
	120	159	163	167	176	183	192	199
	135	177	181	185	194	201	210	217
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30	100	100	110	110	125	150	150
	45	100	100	110	110	125	150	150
	60	100	100	110	110	125	150	150
	75	110	110	125	125	150	150	150
	90	125	150	150	150	150	175	175
	105	150	150	150	175	175	175	200
	120	175	175	175	200	200	200	200
	135	200	200	200	200	225	225	225
150	200	200	225	225	225	250	250	



ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30	96	100	103	111	118	127	135
	45	96	100	103	111	118	127	135
	60	96	100	103	111	118	127	135
	75	108	112	116	124	132	141	148
	90	126	130	134	143	150	159	166
	105	144	148	152	161	168	177	184
	120	162	166	170	179	186	195	202
	135	180	184	188	197	204	213	220
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30	100	110	110	125	125	150	150
	45	100	110	110	125	125	150	150
	60	100	110	110	125	125	150	150
	75	110	125	125	125	150	150	150
	90	150	150	150	150	175	175	175
	105	150	150	175	175	175	200	200
	120	175	175	175	200	200	200	225
	135	200	200	200	200	225	225	225
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	30	96	100	103	111	118	127	135
	45	96	100	103	111	118	127	135
	60	96	100	103	111	118	127	135
	75	108	112	116	124	132	141	148
	90	126	130	134	143	150	159	166
	105	144	148	152	161	168	177	184
	120	162	166	170	179	186	195	202
	135	180	184	188	197	204	213	220
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30	100	110	110	125	125	150	150
	45	100	110	110	125	125	150	150
	60	100	110	110	125	125	150	150
	75	110	125	125	125	150	150	150
	90	150	150	150	150	175	175	175
	105	150	150	175	175	175	200	200
	120	175	175	175	200	200	200	225
	135	200	200	200	200	225	225	225
150	200	225	225	225	225	250	250	



ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	30	101	105	108	116	123	132	139
	45	101	105	108	116	123	132	139
	60	101	105	108	116	123	132	139
	75	114	118	122	130	138	147	154
	90	132	136	140	149	156	165	172
	105	150	154	158	167	174	183	190
	120	168	172	176	185	192	201	208
	150	204	208	212	221	228	237	244
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30	110	110	110	125	125	150	150
	45	110	110	110	125	125	150	150
	60	110	110	110	125	125	150	150
	75	125	125	125	150	150	150	175
	90	150	150	150	150	175	175	175
	105	175	175	175	175	175	200	200
	120	175	175	200	200	200	225	225
	150	200	200	200	225	225	225	250
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30	99	103	106	114	121	130	137
	45	99	103	106	114	121	130	137
	60	99	103	106	114	121	130	137
	75	111	115	119	128	135	144	152
	90	129	134	137	146	154	162	170
	105	147	152	155	164	172	180	188
	120	165	170	173	182	190	198	206
	150	201	206	209	218	226	234	242
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30	100	110	110	125	125	150	150
	45	100	110	110	125	125	150	150
	60	100	110	110	125	125	150	150
	75	125	125	125	150	150	150	175
	90	150	150	150	150	175	175	175
	105	150	175	175	175	175	200	200
	120	175	175	175	200	200	200	225
	150	200	200	200	225	225	225	225



## ENGINEERING DATA SUPPLEMENT

## 460V-3ph

## Supply Air Blower Motor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	30	107	110	113	121	129	138	145
	45	107	110	113	121	129	138	145
	60	107	110	113	121	129	138	145
	75	121	125	129	137	145	154	161
	90	139	143	147	156	163	172	179
	105	157	161	165	174	181	190	197
	120	175	179	183	192	199	208	215
	135	193	197	201	210	217	226	233
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30	110	125	125	125	150	150	150
	45	110	125	125	125	150	150	150
	60	110	125	125	125	150	150	150
	75	125	150	150	150	150	175	175
	90	150	150	150	175	175	175	200
	105	175	175	175	175	200	200	200
	120	200	200	200	200	200	225	225
	135	200	200	225	225	225	250	250
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	30	103	108	109	117	125	133	141
	45	103	108	109	117	125	133	141
	60	103	108	109	117	125	133	141
	75	115	120	123	132	140	148	156
	90	134	138	142	150	158	167	174
	105	152	156	160	168	176	185	192
	120	170	174	178	186	194	203	210
	135	188	192	196	204	212	221	228
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	30	110	110	110	125	150	150	150
	45	110	110	110	125	150	150	150
	60	110	110	110	125	150	150	150
	75	125	125	125	150	150	150	175
	90	150	150	150	175	175	175	175
	105	175	175	175	175	200	200	200
	120	175	175	200	200	200	225	225
	135	200	200	200	225	225	225	250
150	225	225	225	225	250	250	250	





## ENGINEERING DATA SUPPLEMENT

## 460V-3ph

## Supply Air Blower Motor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	30	114	117	120	128	136	144	152
	45	114	117	120	128	136	144	152
	60	114	117	120	128	136	144	152
	75	129	133	137	146	153	162	170
	90	147	152	155	164	172	180	188
	105	165	170	173	182	190	198	206
	120	183	188	191	200	208	216	224
	135	201	206	209	218	226	234	242
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	30	125	125	125	150	150	150	175
	45	125	125	125	150	150	150	175
	60	125	125	125	150	150	150	175
	75	150	150	150	150	175	175	175
	90	150	175	175	175	175	200	200
	105	175	175	175	200	200	200	225
	120	200	200	200	225	225	225	225
	135	225	225	225	225	250	250	250
150	225	225	250	250	250	300	300	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30	69	72	74	80	85	90	95
	45	69	72	74	80	85	90	95
	60	69	72	74	81	87	93	99
	75	82	85	88	95	101	108	114
	90	96	100	102	110	116	122	128
	105	110	114	117	124	130	137	143
	120	125	128	131	138	145	151	157
	135	139	143	145	153	159	165	172
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	30	70	80	80	90	90	100	100
	45	70	80	80	90	90	100	100
	60	70	80	80	90	90	100	100
	75	90	90	90	100	110	110	125
	90	100	110	110	125	125	125	150
	105	125	125	125	125	150	150	150
	120	150	150	150	150	150	175	175
	135	150	150	150	175	175	175	175
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30	71	74	76	82	87	92	97
	45	71	74	76	82	87	92	97
	60	71	74	76	83	89	96	102
	75	84	88	90	98	104	110	116
	90	98	102	105	112	118	125	131
	105	113	117	119	127	133	139	145
	120	127	131	133	141	147	153	160
	135	142	145	148	155	162	168	174
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30	80	80	80	90	90	100	100
	45	80	80	80	90	90	100	100
	60	80	80	80	90	90	100	110
	75	90	90	100	100	110	125	125
	90	100	110	110	125	125	150	150
	105	125	125	125	150	150	150	150
	120	150	150	150	150	150	175	175
	135	150	150	150	175	175	175	175
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30	73	76	78	85	91	98	104
	45	73	76	78	85	91	98	104
	60	73	76	78	86	92	98	104
	75	87	90	93	100	106	113	119
	90	101	105	107	115	121	127	133
	105	115	119	122	129	135	142	148
	120	130	133	136	143	150	156	162
	135	144	148	150	158	164	170	177
	150	159	162	165	172	179	185	191



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30	80	80	80	90	100	100	110
	45	80	80	80	90	100	100	110
	60	80	80	80	90	100	100	110
	75	90	100	100	110	110	125	125
	90	110	110	110	125	125	150	150
	105	125	125	125	150	150	150	150
	120	150	150	150	150	175	175	175
	150	175	175	175	175	200	200	200
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	30	73	76	78	85	91	98	104
	45	73	76	78	85	91	98	104
	60	73	76	78	86	92	98	104
	75	86	90	93	100	106	113	119
	90	101	104	107	114	121	127	133
	105	115	119	121	129	135	141	148
	120	130	133	136	143	150	156	162
	150	159	162	165	172	178	185	191
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30	80	80	80	90	100	100	110
	45	80	80	80	90	100	100	110
	60	80	80	80	90	100	100	110
	75	90	100	100	110	110	125	125
	90	110	110	110	125	125	150	150
	105	125	125	125	150	150	150	150
	120	150	150	150	150	175	175	175
	150	175	175	175	175	200	200	200
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	30	77	80	82	89	95	101	108
	45	77	80	82	89	95	101	108
	60	77	80	83	90	97	103	109
	75	91	95	97	105	111	117	124
	90	106	109	112	119	126	132	138
	105	120	124	126	134	140	146	153
	120	135	138	141	148	154	161	167
	150	163	167	170	177	183	190	196
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30	80	90	90	90	100	110	110
	45	80	90	90	90	100	110	110
	60	80	90	90	100	100	110	110
	75	100	100	100	110	125	125	125
	90	110	110	125	125	150	150	150
	105	125	125	150	150	150	150	175
	120	150	150	150	150	175	175	175
	150	175	175	175	200	200	200	200



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30	75	78	80	87	93	100	106
	45	75	78	80	87	93	100	106
	60	75	78	81	88	95	101	107
	75	89	93	95	103	109	115	122
	90	104	107	110	117	123	130	136
	105	118	122	124	132	138	144	150
	120	132	136	139	146	152	159	165
	135	147	151	153	161	167	173	179
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30	80	80	90	90	100	110	110
	45	80	80	90	90	100	110	110
	60	80	80	90	90	100	110	110
	75	90	100	100	110	110	125	125
	90	110	110	125	125	125	150	150
	105	125	125	125	150	150	150	175
	120	150	150	150	150	175	175	175
	135	150	175	175	175	175	175	200
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	30	81	84	86	93	100	106	112
	45	81	84	86	93	100	106	112
	60	82	86	88	96	102	108	115
	75	97	100	103	110	117	123	129
	90	111	115	117	125	131	137	144
	105	126	129	132	139	146	152	158
	120	140	144	146	154	160	166	172
	135	155	158	161	168	174	181	187
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30	90	90	90	100	110	110	125
	45	90	90	90	100	110	110	125
	60	90	90	90	100	110	110	125
	75	100	110	110	125	125	125	150
	90	125	125	125	150	150	150	150
	105	150	150	150	150	150	175	175
	120	150	150	150	175	175	175	175
	135	175	175	175	175	175	200	200
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	30	78	81	83	90	96	103	109
	45	78	81	83	90	96	103	109
	60	78	82	84	92	98	104	111
	75	93	96	99	106	113	119	125
	90	107	111	113	121	127	133	140
	105	122	125	128	135	142	148	154
	120	136	140	142	150	156	162	168
	135	151	154	157	164	170	177	183
	150	165	169	171	179	185	191	197



<i>ENGINEERING DATA SUPPLEMENT</i>		<b>575V-3ph</b>						
		<b>Supply Air Blower Motor hp</b>						
<b>Electric Heat Size</b>		<b>5</b>	<b>7.5</b>	<b>10</b>	<b>15</b>	<b>20</b>	<b>25</b>	<b>30</b>
<b>Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp</b>	<b>30</b>	<b>80</b>	<b>90</b>	<b>90</b>	<b>100</b>	<b>100</b>	<b>110</b>	<b>110</b>
	<b>45</b>	<b>80</b>	<b>90</b>	<b>90</b>	<b>100</b>	<b>100</b>	<b>110</b>	<b>110</b>
	<b>60</b>	<b>80</b>	<b>90</b>	<b>90</b>	<b>100</b>	<b>100</b>	<b>110</b>	<b>125</b>
	<b>75</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>110</b>	<b>125</b>	<b>125</b>	<b>150</b>
	<b>90</b>	<b>110</b>	<b>125</b>	<b>125</b>	<b>125</b>	<b>150</b>	<b>150</b>	<b>150</b>
	<b>105</b>	<b>125</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>175</b>
	<b>120</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>
	<b>135</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>200</b>	<b>200</b>
<b>Maximum Overcurrent Protection (amps)</b>	<b>150</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>
	<b>30</b>	<b>87</b>	<b>90</b>	<b>92</b>	<b>99</b>	<b>105</b>	<b>112</b>	<b>118</b>
	<b>45</b>	<b>87</b>	<b>90</b>	<b>92</b>	<b>99</b>	<b>105</b>	<b>112</b>	<b>118</b>
	<b>60</b>	<b>90</b>	<b>93</b>	<b>96</b>	<b>103</b>	<b>109</b>	<b>116</b>	<b>122</b>
	<b>75</b>	<b>104</b>	<b>108</b>	<b>110</b>	<b>118</b>	<b>124</b>	<b>130</b>	<b>136</b>
	<b>90</b>	<b>118</b>	<b>122</b>	<b>125</b>	<b>132</b>	<b>138</b>	<b>145</b>	<b>151</b>
	<b>105</b>	<b>133</b>	<b>137</b>	<b>139</b>	<b>147</b>	<b>153</b>	<b>159</b>	<b>165</b>
	<b>120</b>	<b>147</b>	<b>151</b>	<b>153</b>	<b>161</b>	<b>167</b>	<b>173</b>	<b>180</b>
<b>Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp</b>	<b>135</b>	<b>162</b>	<b>165</b>	<b>168</b>	<b>175</b>	<b>182</b>	<b>188</b>	<b>194</b>
	<b>150</b>	<b>176</b>	<b>180</b>	<b>182</b>	<b>190</b>	<b>196</b>	<b>202</b>	<b>209</b>
	<b>30</b>	<b>90</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>110</b>	<b>125</b>	<b>125</b>
	<b>45</b>	<b>90</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>110</b>	<b>125</b>	<b>125</b>
	<b>60</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>110</b>	<b>110</b>	<b>125</b>	<b>125</b>
	<b>75</b>	<b>110</b>	<b>110</b>	<b>125</b>	<b>125</b>	<b>125</b>	<b>150</b>	<b>150</b>
	<b>90</b>	<b>125</b>	<b>125</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>175</b>
	<b>105</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>175</b>	<b>175</b>	<b>175</b>
<b>Maximum Overcurrent Protection (amps)</b>	<b>120</b>	<b>150</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>200</b>
	<b>135</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>
	<b>150</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>225</b>	<b>225</b>



ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30 kW	177	184	191	210	227	246	250
	45 kW	177	184	191	210	227	246	250
	60 kW	177	184	191	210	227	246	250
	75 kW	181	190	198	218	234	253	257
	90 kW	212	221	230	249	265	285	289
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	30 kW	200	200	200	225	250	250	300
	45 kW	200	200	200	225	250	250	300
	60 kW	200	200	200	225	250	250	300
	75 kW	200	200	200	225	250	300	300
	90 kW	225	225	250	250	300	300	300
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30 kW	181	189	196	215	231	251	255
	45 kW	181	189	196	215	231	251	255
	60 kW	181	189	196	215	231	251	255
	75 kW	187	196	204	224	240	259	263
	90 kW	218	227	236	255	271	291	295
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	225	250	300	300
	45 kW	200	200	200	225	250	300	300
	60 kW	200	200	200	225	250	300	300
	75 kW	200	200	225	225	250	300	300
	90 kW	225	250	250	300	300	300	300
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30 kW	186	194	200	220	236	255	259
	45 kW	186	194	200	220	236	255	259
	60 kW	186	194	200	220	236	255	259
	75 kW	193	202	210	230	246	265	269
	90 kW	224	233	242	261	277	297	301
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	225	225	250	300	300
	45 kW	200	200	225	225	250	300	300
	60 kW	200	200	225	225	250	300	300
	75 kW	200	225	225	250	250	300	300
	90 kW	225	250	250	300	300	300	350
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	30 kW	187	195	201	221	237	256	260
	45 kW	187	195	201	221	237	256	260
	60 kW	187	195	201	221	237	256	260
	75 kW	194	203	212	231	247	267	271
	90 kW	225	235	243	262	279	298	302
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	225	225	250	300	300
	45 kW	200	200	225	225	250	300	300
	60 kW	200	200	225	225	250	300	300
	75 kW	200	225	225	250	250	300	300
	90 kW	250	250	250	300	300	300	350
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	30 kW	198	205	212	231	248	267	271
	45 kW	198	205	212	231	248	267	271
	60 kW	198	205	212	231	248	267	271
	75 kW	207	217	225	244	261	280	284
	90 kW	239	248	256	275	292	311	315



ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30 kW	200	225	225	250	250	300	300
	45 kW	200	225	225	250	250	300	300
	60 kW	200	225	225	250	250	300	300
	75 kW	225	225	250	250	300	300	300
	90 kW	250	250	300	300	300	350	350
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30 kW	193	201	208	227	243	263	267
	45 kW	193	201	208	227	243	263	267
	60 kW	193	201	208	227	243	263	267
	75 kW	202	211	219	238	255	274	278
	90 kW	233	242	251	270	286	306	310
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30 kW	200	225	225	250	250	300	300
	45 kW	200	225	225	250	250	300	300
	60 kW	200	225	225	250	250	300	300
	75 kW	225	225	225	250	300	300	300
	90 kW	250	250	300	300	300	350	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	30 kW	210	218	224	244	260	279	283
	45 kW	210	218	224	244	260	279	283
	60 kW	210	218	224	244	260	279	283
	75 kW	222	232	240	259	276	295	299
	90 kW	254	263	271	291	307	326	330
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30 kW	225	225	225	250	300	300	300
	45 kW	225	225	225	250	300	300	300
	60 kW	225	225	225	250	300	300	300
	75 kW	225	250	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	30 kW	201	208	215	230	244	259	262
	45 kW	201	208	215	230	244	259	262
	60 kW	201	208	215	230	244	259	262
	75 kW	211	220	229	248	264	284	288
	90 kW	242	252	260	279	296	315	319
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	30 kW	225	225	225	250	250	300	300
	45 kW	225	225	225	250	250	300	300
	60 kW	225	225	225	250	250	300	300
	75 kW	225	225	250	250	300	300	300
	90 kW	250	300	300	300	300	350	350
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	30 kW	225	233	239	259	275	294	298
	45 kW	225	233	239	259	275	294	298
	60 kW	225	233	239	259	275	294	298
	75 kW	241	251	259	278	295	314	318
	90 kW	273	282	290	309	326	345	349
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	30 kW	250	250	250	300	300	300	300
	45 kW	250	250	250	300	300	300	300
	60 kW	250	250	250	300	300	300	300
	75 kW	250	300	300	300	300	350	350
	90 kW	300	300	300	350	350	350	350



ENGINEERING DATA SUPPLEMENT		230V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30 kW	177	184	191	210	227	246	250
	45 kW	177	184	191	210	227	246	250
	60 kW	177	184	191	210	227	246	250
	75 kW	204	214	222	241	258	277	281
	90 kW	240	250	258	277	294	313	317
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	30 kW	200	200	200	225	250	250	300
	45 kW	200	200	200	225	250	250	300
	60 kW	200	200	200	225	250	250	300
	75 kW	225	225	225	250	300	300	300
	90 kW	250	300	300	300	300	350	350
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30 kW	181	189	196	215	231	251	255
	45 kW	181	189	196	215	231	251	255
	60 kW	181	189	196	215	231	251	255
	75 kW	209	218	227	246	262	282	286
	90 kW	245	254	263	282	298	318	322
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	200	225	250	300	300
	45 kW	200	200	200	225	250	300	300
	60 kW	200	200	200	225	250	300	300
	75 kW	225	225	250	250	300	300	300
	90 kW	250	300	300	300	300	350	350
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30 kW	186	194	200	220	236	255	259
	45 kW	186	194	200	220	236	255	259
	60 kW	186	194	200	220	236	255	259
	75 kW	214	223	231	251	267	286	290
	90 kW	250	259	268	287	303	323	327
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	225	225	250	300	300
	45 kW	200	200	225	225	250	300	300
	60 kW	200	200	225	225	250	300	300
	75 kW	225	225	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	30 kW	187	195	201	221	237	256	260
	45 kW	187	195	201	221	237	256	260
	60 kW	187	195	201	221	237	256	260
	75 kW	215	224	232	252	268	287	291
	90 kW	251	260	269	288	304	324	328
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30 kW	200	200	225	225	250	300	300
	45 kW	200	200	225	225	250	300	300
	60 kW	200	200	225	225	250	300	300
	75 kW	225	225	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	30 kW	198	205	212	231	248	267	271
	45 kW	198	205	212	231	248	267	271
	60 kW	198	205	212	231	248	267	271
	75 kW	225	235	243	262	279	298	302
	90 kW	261	271	279	298	315	334	338





ENGINEERING DATA SUPPLEMENT		230V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30 kW	200	225	225	250	250	300	300
	45 kW	200	225	225	250	250	300	300
	60 kW	200	225	225	250	250	300	300
	75 kW	250	250	250	300	300	300	350
	90 kW	300	300	300	300	350	350	350
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30 kW	193	201	208	227	243	263	267
	45 kW	193	201	208	227	243	263	267
	60 kW	193	201	208	227	243	263	267
	75 kW	221	230	239	258	274	294	298
	90 kW	257	266	275	294	310	330	334
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30 kW	200	225	225	250	250	300	300
	45 kW	200	225	225	250	250	300	300
	60 kW	200	225	225	250	250	300	300
	75 kW	225	250	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	30 kW	210	218	224	244	260	279	283
	45 kW	210	218	224	244	260	279	283
	60 kW	210	218	224	244	260	279	283
	75 kW	238	247	255	274	291	310	314
	90 kW	274	283	291	311	327	346	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30 kW	225	225	225	250	300	300	300
	45 kW	225	225	225	250	300	300	300
	60 kW	225	225	225	250	300	300	300
	75 kW	250	250	300	300	300	350	350
	90 kW	300	300	300	350	350	350	400
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	30 kW	201	208	215	230	244	259	262
	45 kW	201	208	215	230	244	259	262
	60 kW	201	208	215	230	246	265	269
	75 kW	228	238	246	265	282	301	305
	90 kW	264	274	282	301	318	337	341
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	30 kW	225	225	225	250	250	300	300
	45 kW	225	225	225	250	250	300	300
	60 kW	225	225	225	250	250	300	300
	75 kW	250	250	250	300	300	350	350
	90 kW	300	300	300	350	350	350	350
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	30 kW	225	233	239	259	275	294	298
	45 kW	225	233	239	259	275	294	298
	60 kW	225	233	239	259	275	294	298
	75 kW	253	262	270	289	306	325	329
	90 kW	289	298	306	326	342	361	365
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	30 kW	250	250	250	300	300	300	300
	45 kW	250	250	250	300	300	300	300
	60 kW	250	250	250	300	300	300	300
	75 kW	300	300	300	300	350	350	350
	90 kW	300	300	350	350	350	400	400



## ENGINEERING DATA SUPPLEMENT

## 460V-3ph

## Supply Air Blower Motor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30	95	98	101	109	117	125	133
	45	95	98	101	109	117	125	133
	60	95	98	101	109	117	125	133
	75	102	106	110	118	126	135	142
	90	120	124	128	137	144	153	160
	105	138	142	146	155	162	171	178
	120	156	160	164	173	180	189	196
	135	174	178	182	191	198	207	214
	150	192	196	200	209	216	225	232
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	30	100	100	110	110	125	150	150
	45	100	100	110	110	125	150	150
	60	100	100	110	110	125	150	150
	75	110	110	125	125	150	150	150
	90	125	125	150	150	150	175	175
	105	150	150	150	175	175	175	200
	120	175	175	175	175	200	200	200
	135	175	200	200	200	200	225	225
	150	200	200	225	225	225	250	250
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30	97	100	103	112	119	128	135
	45	97	100	103	112	119	128	135
	60	97	100	103	112	119	128	135
	75	105	109	113	121	129	138	145
	90	123	127	131	140	147	156	163
	105	141	145	149	158	165	174	181
	120	159	163	167	176	183	192	199
	135	177	181	185	194	201	210	217
	150	195	199	203	212	219	228	235
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30	100	110	110	125	125	150	150
	45	100	110	110	125	125	150	150
	60	100	110	110	125	125	150	150
	75	110	110	125	125	150	150	150
	90	125	150	150	150	150	175	175
	105	150	150	150	175	175	175	200
	120	175	175	175	200	200	200	200
	135	200	200	200	200	225	225	225
	150	200	200	225	225	225	250	250
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30	99	103	106	114	121	130	138
	45	99	103	106	114	121	130	138
	60	99	103	106	114	121	130	138
	75	108	112	116	124	132	141	148
	90	126	130	134	143	150	159	166
	105	144	148	152	161	168	177	184
	120	162	166	170	179	186	195	202
	135	180	184	188	197	204	213	220
	150	198	202	206	215	222	231	238



## ENGINEERING DATA SUPPLEMENT

## 460V-3ph

## Supply Air Blower Motor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30	100	110	110	125	125	150	150
	45	100	110	110	125	125	150	150
	60	100	110	110	125	125	150	150
	75	110	125	125	125	150	150	150
	90	150	150	150	150	175	175	175
	105	150	150	175	175	175	200	200
	120	175	175	175	200	200	200	225
	150	200	225	225	225	225	250	250
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	30	99	103	106	114	121	130	138
	45	99	103	106	114	121	130	138
	60	99	103	106	114	121	130	138
	75	108	112	116	124	132	141	148
	90	126	130	134	143	150	159	166
	105	144	148	152	161	168	177	184
	120	162	166	170	179	186	195	202
	150	180	184	188	197	204	213	220
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30	100	110	110	125	125	150	150
	45	100	110	110	125	125	150	150
	60	100	110	110	125	125	150	150
	75	110	125	125	125	150	150	150
	90	150	150	150	150	175	175	175
	105	150	150	175	175	175	200	200
	120	175	175	175	200	200	200	225
	150	200	225	225	225	225	250	250
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	30	104	108	111	119	126	135	142
	45	104	108	111	119	126	135	142
	60	104	108	111	119	126	135	142
	75	114	118	122	130	138	147	154
	90	132	136	140	149	156	165	172
	105	150	154	158	167	174	183	190
	120	168	172	176	185	192	201	208
	150	186	190	194	203	210	219	226
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30	110	110	125	125	150	150	150
	45	110	110	125	125	150	150	150
	60	110	110	125	125	150	150	150
	75	125	125	125	150	150	150	175
	90	150	150	150	150	175	175	175
	105	175	175	175	175	175	200	200
	120	175	175	200	200	200	225	225
	150	200	200	200	225	225	225	250
150	225	225	225	225	250	250	250	



## ENGINEERING DATA SUPPLEMENT

## 460V-3ph

## Supply Air Blower Motor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30	102	106	109	117	124	133	140
	45	102	106	109	117	124	133	140
	60	102	106	109	117	124	133	140
	75	111	115	119	128	135	144	152
	90	129	134	137	146	154	162	170
	105	147	152	155	164	172	180	188
	120	165	170	173	182	190	198	206
	135	183	188	191	200	208	216	224
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30	110	110	110	125	125	150	150
	45	110	110	110	125	125	150	150
	60	110	110	110	125	125	150	150
	75	125	125	125	150	150	150	175
	90	150	150	150	150	175	175	175
	105	150	175	175	175	175	200	200
	120	175	175	175	200	200	200	225
	135	200	200	200	225	225	225	225
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	30	110	113	116	124	132	141	148
	45	110	113	116	124	132	141	148
	60	110	113	116	124	132	141	148
	75	121	125	129	137	145	154	161
	90	139	143	147	156	163	172	179
	105	157	161	165	174	181	190	197
	120	175	179	183	192	199	208	215
	135	193	197	201	210	217	226	233
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30	125	125	125	125	150	150	150
	45	125	125	125	125	150	150	150
	60	125	125	125	125	150	150	150
	75	125	150	150	150	150	175	175
	90	150	150	150	175	175	175	200
	105	175	175	175	175	200	200	200
	120	200	200	200	200	200	225	225
	135	200	200	225	225	225	250	250
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	30	106	109	112	120	128	136	144
	45	106	109	112	120	128	136	144
	60	106	109	112	120	128	136	144
	75	115	120	123	132	140	148	156
	90	134	138	142	150	158	167	174
	105	152	156	160	168	176	185	192
	120	170	174	178	186	194	203	210
	135	188	192	196	204	212	221	228
150	206	210	214	222	230	239	246	



ENGINEERING DATA SUPPLEMENT

ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	30	110	110	125	125	150	150	150
	45	110	110	125	125	150	150	150
	60	110	110	125	125	150	150	150
	75	125	125	125	150	150	150	175
	90	150	150	150	175	175	175	175
	105	175	175	175	175	200	200	200
	120	175	175	200	200	200	225	225
	150	225	225	225	225	250	250	250
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	30	117	120	123	131	139	147	155
	45	117	120	123	131	139	147	155
	60	117	120	123	131	139	147	155
	75	129	133	137	146	153	162	170
	90	147	152	155	164	172	180	188
	105	165	170	173	182	190	198	206
	120	183	188	191	200	208	216	224
	150	219	224	227	236	244	252	260
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	30	125	125	125	150	150	150	175
	45	125	125	125	150	150	150	175
	60	125	125	125	150	150	150	175
	75	150	150	150	150	175	175	175
	90	150	175	175	175	175	200	200
	105	175	175	175	200	200	200	225
	120	200	200	200	225	225	225	225
	150	225	225	250	250	250	300	300



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30	71	74	76	82	87	92	97
	45	71	74	76	82	87	92	97
	60	71	74	76	82	87	93	99
	75	82	85	88	95	101	108	114
	90	96	100	102	110	116	122	128
	105	110	114	117	124	130	137	143
	120	125	128	131	138	145	151	157
	135	139	143	145	153	159	165	172
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	30	80	80	80	90	90	100	100
	45	80	80	80	90	90	100	100
	60	80	80	80	90	90	100	100
	75	90	90	90	100	110	110	125
	90	100	110	110	125	125	125	150
	105	125	125	125	125	150	150	150
	120	150	150	150	150	150	175	175
	135	150	150	150	175	175	175	175
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30	73	76	78	84	89	94	99
	45	73	76	78	84	89	94	99
	60	73	76	78	84	89	96	102
	75	84	88	90	98	104	110	116
	90	98	102	105	112	118	125	131
	105	113	117	119	127	133	139	145
	120	127	131	133	141	147	153	160
	135	142	145	148	155	162	168	174
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30	80	80	80	90	90	100	100
	45	80	80	80	90	90	100	100
	60	80	80	80	90	90	100	110
	75	90	90	100	100	110	125	125
	90	100	110	110	125	125	150	150
	105	125	125	125	150	150	150	150
	120	150	150	150	150	150	175	175
	135	150	150	150	175	175	175	175
150	175	175	175	175	200	200	200	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30	75	78	80	88	94	100	106
	45	75	78	80	88	94	100	106
	60	75	78	80	88	94	100	106
	75	87	90	93	100	106	113	119
	90	101	105	107	115	121	127	133
	105	115	119	122	129	135	142	148
	120	130	133	136	143	150	156	162
	135	144	148	150	158	164	170	177
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30	80	80	90	90	100	110	110
	45	80	80	90	90	100	110	110
	60	80	80	90	90	100	110	110
	75	90	100	100	110	110	125	125
	90	110	110	110	125	125	150	150
	105	125	125	125	150	150	150	150
	120	150	150	150	150	175	175	175
	135	150	150	175	175	175	175	200
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	30	75	78	80	87	94	100	106
	45	75	78	80	87	94	100	106
	60	75	78	80	87	94	100	106
	75	86	90	93	100	106	113	119
	90	101	104	107	114	121	127	133
	105	115	119	121	129	135	141	148
	120	130	133	136	143	150	156	162
	135	144	148	150	158	164	170	177
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30	80	80	90	90	100	110	110
	45	80	80	90	90	100	110	110
	60	80	80	90	90	100	110	110
	75	90	100	100	110	110	125	125
	90	110	110	110	125	125	150	150
	105	125	125	125	150	150	150	150
	120	150	150	150	150	175	175	175
	135	150	150	175	175	175	175	200
150	175	175	175	175	200	200	200	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	30	79	82	84	91	98	104	110
	45	79	82	84	91	98	104	110
	60	79	82	84	91	98	104	110
	75	91	95	97	105	111	117	124
	90	106	109	112	119	126	132	138
	105	120	124	126	134	140	146	153
	120	135	138	141	148	154	161	167
	135	149	153	155	163	169	175	181
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30	80	90	90	100	100	110	125
	45	80	90	90	100	100	110	125
	60	80	90	90	100	100	110	125
	75	100	100	100	110	125	125	125
	90	110	110	125	125	150	150	150
	105	125	125	150	150	150	150	175
	120	150	150	150	150	175	175	175
	135	150	175	175	175	175	200	200
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30	78	80	82	90	96	102	108
	45	78	80	82	90	96	102	108
	60	78	80	82	90	96	102	108
	75	89	93	95	103	109	115	122
	90	104	107	110	117	123	130	136
	105	118	122	124	132	138	144	150
	120	132	136	139	146	152	159	165
	135	147	151	153	161	167	173	179
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30	80	90	90	100	100	110	110
	45	80	90	90	100	100	110	110
	60	80	90	90	100	100	110	110
	75	90	100	100	110	110	125	125
	90	110	110	125	125	125	150	150
	105	125	125	125	150	150	150	175
	120	150	150	150	150	175	175	175
	135	150	175	175	175	175	175	200
150	175	175	175	200	200	200	200	





ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	30	84	87	89	96	102	108	114
	45	84	87	89	96	102	108	114
	60	84	87	89	96	102	108	115
	75	97	100	103	110	117	123	129
	90	111	115	117	125	131	137	144
	105	126	129	132	139	146	152	158
	120	140	144	146	154	160	166	172
	135	155	158	161	168	174	181	187
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30	90	90	90	100	110	110	125
	45	90	90	90	100	110	110	125
	60	90	90	90	100	110	110	125
	75	100	110	110	125	125	125	150
	90	125	125	125	150	150	150	150
	105	150	150	150	150	150	175	175
	120	150	150	150	175	175	175	175
	135	175	175	175	175	175	200	200
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	30	80	83	85	93	99	105	111
	45	80	83	85	93	99	105	111
	60	80	83	85	93	99	105	111
	75	93	96	99	106	113	119	125
	90	107	111	113	121	127	133	140
	105	122	125	128	135	142	148	154
	120	136	140	142	150	156	162	168
	135	151	154	157	164	170	177	183
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	30	90	90	90	100	100	110	125
	45	90	90	90	100	100	110	125
	60	90	90	90	100	100	110	125
	75	100	100	100	110	125	125	150
	90	110	125	125	125	150	150	150
	105	125	150	150	150	150	150	175
	120	150	150	150	175	175	175	175
	135	175	175	175	175	175	200	200
150	175	175	175	200	200	200	200	



## ENGINEERING DATA SUPPLEMENT

## 575V-3ph

## Supply Air Blower Motor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	30	89	92	94	102	108	114	120
	45	89	92	94	102	108	114	120
	60	90	93	96	103	109	116	122
	75	104	108	110	118	124	130	136
	90	118	122	125	132	138	145	151
	105	133	137	139	147	153	159	165
	120	147	151	153	161	167	173	180
	135	162	165	168	175	182	188	194
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	30	90	100	100	110	110	125	125
	45	90	100	100	110	110	125	125
	60	100	100	100	110	110	125	125
	75	110	110	125	125	125	150	150
	90	125	125	150	150	150	150	175
	105	150	150	150	150	175	175	175
	120	150	175	175	175	175	175	200
	135	175	175	175	200	200	200	200
150	200	200	200	200	200	225	225	



ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	45 kW	184	191	198	216	233	252	256
	60 kW	184	191	198	216	233	252	256
	75 kW	184	191	198	218	234	253	257
	90 kW	212	221	230	249	265	285	289
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	45 kW	200	200	200	225	250	300	300
	60 kW	200	200	200	225	250	300	300
	75 kW	200	200	200	225	250	300	300
	90 kW	225	225	250	250	300	300	300
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	45 kW	188	196	203	221	238	257	261
	60 kW	188	196	203	221	238	257	261
	75 kW	188	196	204	224	240	259	263
	90 kW	218	227	236	255	271	291	295
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	45 kW	200	200	225	225	250	300	300
	60 kW	200	200	225	225	250	300	300
	75 kW	200	200	225	225	250	300	300
	90 kW	225	250	250	300	300	300	300
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	45 kW	193	201	207	226	242	262	266
	60 kW	193	201	207	226	242	262	266
	75 kW	193	202	210	230	246	265	269
	90 kW	224	233	242	261	277	297	301
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	45 kW	200	225	225	250	250	300	300
	60 kW	200	225	225	250	250	300	300
	75 kW	200	225	225	250	250	300	300
	90 kW	225	250	250	300	300	300	350
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	45 kW	194	202	208	227	243	263	267
	60 kW	194	202	208	227	243	263	267
	75 kW	194	203	212	231	247	267	271
	90 kW	225	235	243	262	279	298	302
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	45 kW	200	225	225	250	250	300	300
	60 kW	200	225	225	250	250	300	300
	75 kW	200	225	225	250	250	300	300
	90 kW	250	250	250	300	300	300	350
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	45 kW	205	212	219	238	254	273	277
	60 kW	205	212	219	238	254	273	277
	75 kW	207	217	225	244	261	280	284
	90 kW	239	248	256	275	292	311	315
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	45 kW	225	225	225	250	300	300	300
	60 kW	225	225	225	250	300	300	300
	75 kW	225	225	250	250	300	300	300
	90 kW	250	250	300	300	300	350	350



ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	45 kW	200	208	214	233	250	269	273
	60 kW	200	208	214	233	250	269	273
	75 kW	202	211	219	238	255	274	278
	90 kW	233	242	251	270	286	306	310
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	45 kW	225	225	225	250	300	300	300
	60 kW	225	225	225	250	300	300	300
	75 kW	225	225	225	250	300	300	300
	90 kW	250	250	300	300	300	350	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	45 kW	217	225	231	250	266	285	289
	60 kW	217	225	231	250	266	285	289
	75 kW	222	232	240	259	276	295	299
	90 kW	254	263	271	291	307	326	330
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	45 kW	225	250	250	300	300	300	300
	60 kW	225	250	250	300	300	300	300
	75 kW	225	250	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	45 kW	208	215	222	237	251	266	269
	60 kW	208	215	222	237	251	266	269
	75 kW	211	220	229	248	264	284	288
	90 kW	242	252	260	279	296	315	319
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	45 kW	225	225	225	250	300	300	300
	60 kW	225	225	225	250	300	300	300
	75 kW	225	225	250	250	300	300	300
	90 kW	250	300	300	300	300	350	350
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	45 kW	232	240	246	265	281	300	304
	60 kW	232	240	246	265	281	300	304
	75 kW	241	251	259	278	295	314	318
	90 kW	273	282	290	309	326	345	349
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	45 kW	250	250	250	300	300	350	350
	60 kW	250	250	250	300	300	350	350
	75 kW	250	300	300	300	300	350	350
	90 kW	300	300	300	350	350	350	350



ENGINEERING DATA SUPPLEMENT		230V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	45 kW	184	191	198	216	233	252	256
	60 kW	184	191	198	216	233	252	256
	75 kW	204	214	222	241	258	277	281
	90 kW	240	250	258	277	294	313	317
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	45 kW	200	200	200	225	250	300	300
	60 kW	200	200	200	225	250	300	300
	75 kW	225	225	225	250	300	300	300
	90 kW	250	300	300	300	300	350	350
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	45 kW	188	196	203	221	238	257	261
	60 kW	188	196	203	221	238	257	261
	75 kW	209	218	227	246	262	282	286
	90 kW	245	254	263	282	298	318	322
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	45 kW	200	200	225	225	250	300	300
	60 kW	200	200	225	225	250	300	300
	75 kW	225	225	250	250	300	300	300
	90 kW	250	300	300	300	300	350	350
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	45 kW	193	201	207	226	242	262	266
	60 kW	193	201	207	226	242	262	266
	75 kW	214	223	231	251	267	286	290
	90 kW	250	259	268	287	303	323	327
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	45 kW	200	225	225	250	250	300	300
	60 kW	200	225	225	250	250	300	300
	75 kW	225	225	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	45 kW	194	202	208	227	243	263	267
	60 kW	194	202	208	227	243	263	267
	75 kW	215	224	232	252	268	287	291
	90 kW	251	260	269	288	304	324	328
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	45 kW	200	225	225	250	250	300	300
	60 kW	200	225	225	250	250	300	300
	75 kW	225	225	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	45 kW	205	212	219	238	254	273	277
	60 kW	205	212	219	238	254	273	277
	75 kW	225	235	243	262	279	298	302
	90 kW	261	271	279	298	315	334	338
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	45 kW	225	225	225	250	300	300	300
	60 kW	225	225	225	250	300	300	300
	75 kW	250	250	250	300	300	300	350
	90 kW	300	300	300	300	350	350	350



ENGINEERING DATA SUPPLEMENT		230V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	45 kW	200	208	214	233	250	269	273
	60 kW	200	208	214	233	250	269	273
	75 kW	221	230	239	258	274	294	298
	90 kW	257	266	275	294	310	330	334
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	45 kW	225	225	225	250	300	300	300
	60 kW	225	225	225	250	300	300	300
	75 kW	225	250	250	300	300	300	300
	90 kW	300	300	300	300	350	350	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	45 kW	217	225	231	250	266	285	289
	60 kW	217	225	231	250	266	285	289
	75 kW	238	247	255	274	291	310	314
	90 kW	274	283	291	311	327	346	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	45 kW	225	250	250	300	300	300	300
	60 kW	225	250	250	300	300	300	300
	75 kW	250	250	300	300	300	350	350
	90 kW	300	300	300	350	350	350	400
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	45 kW	208	215	222	237	251	266	269
	60 kW	208	215	222	237	251	266	269
	75 kW	228	238	246	265	282	301	305
	90 kW	264	274	282	301	318	337	341
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	45 kW	225	225	250	250	300	300	300
	60 kW	225	225	250	250	300	300	300
	75 kW	250	250	250	300	300	350	350
	90 kW	300	300	300	350	350	350	350
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	45 kW	232	240	246	265	281	300	304
	60 kW	232	240	246	265	281	300	304
	75 kW	253	262	270	289	306	325	329
	90 kW	289	298	306	326	342	361	365
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	45 kW	250	250	250	300	300	350	350
	60 kW	250	250	250	300	300	350	350
	75 kW	300	300	300	300	350	350	350
	90 kW	300	300	350	350	350	400	400



ENGINEERING DATA SUPPLEMENT		230V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	45	97	101	104	111	119	128	135
	60	97	101	104	111	119	128	135
	75	102	106	110	118	126	135	142
	90	120	124	128	137	144	153	160
	105	138	142	146	155	162	171	178
	120	156	160	164	173	180	189	196
	135	174	178	182	191	198	207	214
	150	192	196	200	209	216	225	232
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	45	100	110	110	125	125	150	150
	60	100	110	110	125	125	150	150
	75	110	110	125	125	150	150	150
	90	125	125	150	150	150	175	175
	105	150	150	150	175	175	175	200
	120	175	175	175	175	200	200	200
	135	175	200	200	200	200	225	225
	150	200	200	225	225	225	250	250
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	45	100	103	106	114	121	130	137
	60	100	103	106	114	121	130	137
	75	105	109	113	121	129	138	145
	90	123	127	131	140	147	156	163
	105	141	145	149	158	165	174	181
	120	159	163	167	176	183	192	199
	135	177	181	185	194	201	210	217
	150	195	199	203	212	219	228	235
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	45	110	110	110	125	125	150	150
	60	110	110	110	125	125	150	150
	75	110	110	125	125	150	150	150
	90	125	150	150	150	150	175	175
	105	150	150	150	175	175	175	200
	120	175	175	175	200	200	200	200
	135	200	200	200	200	225	225	225
	150	200	200	225	225	225	250	250
165	225	225	225	250	250	250	300	



ENGINEERING DATA SUPPLEMENT		230V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	45	102	105	108	116	124	132	140
	60	102	105	108	116	124	132	140
	75	108	112	116	124	132	141	148
	90	126	130	134	143	150	159	166
	105	144	148	152	161	168	177	184
	120	162	166	170	179	186	195	202
	135	180	184	188	197	204	213	220
	150	198	202	206	215	222	231	238
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	45	110	110	125	125	150	150	150
	60	110	110	125	125	150	150	150
	75	110	125	125	125	150	150	150
	90	150	150	150	150	175	175	175
	105	150	150	175	175	175	200	200
	120	175	175	175	200	200	200	225
	135	200	200	200	200	225	225	225
	150	200	225	225	225	225	250	250
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	45	102	105	108	116	124	132	140
	60	102	105	108	116	124	132	140
	75	108	112	116	124	132	141	148
	90	126	130	134	143	150	159	166
	105	144	148	152	161	168	177	184
	120	162	166	170	179	186	195	202
	135	180	184	188	197	204	213	220
	150	198	202	206	215	222	231	238
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	45	110	110	125	125	125	150	150
	60	110	110	125	125	125	150	150
	75	110	125	125	125	150	150	150
	90	150	150	150	150	175	175	175
	105	150	150	175	175	175	200	200
	120	175	175	175	200	200	200	225
	135	200	200	200	200	225	225	225
	150	200	225	225	225	225	250	250
165	225	225	225	250	250	250	300	





ENGINEERING DATA SUPPLEMENT		230V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	45	107	110	113	121	128	137	145
	60	107	110	113	121	128	137	145
	75	114	118	122	130	138	147	154
	90	132	136	140	149	156	165	172
	105	150	154	158	167	174	183	190
	120	168	172	176	185	192	201	208
	135	186	190	194	203	210	219	226
	150	204	208	212	221	228	237	244
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	45	110	110	125	125	150	150	150
	60	110	110	125	125	150	150	150
	75	125	125	125	150	150	150	175
	90	150	150	150	150	175	175	175
	105	175	175	175	175	175	200	200
	120	175	175	200	200	200	225	225
	135	200	200	200	225	225	225	250
	150	225	225	225	225	250	250	250
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	45	105	108	111	119	126	135	143
	60	105	108	111	119	126	135	143
	75	111	115	119	128	135	144	152
	90	129	134	137	146	154	162	170
	105	147	152	155	164	172	180	188
	120	165	170	173	182	190	198	206
	135	183	188	191	200	208	216	224
	150	201	206	209	218	226	234	242
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	45	110	110	125	125	150	150	150
	60	110	110	125	125	150	150	150
	75	125	125	125	150	150	150	175
	90	150	150	150	150	175	175	175
	105	150	175	175	175	175	200	200
	120	175	175	175	200	200	200	225
	135	200	200	200	225	225	225	225
	150	225	225	225	225	250	250	250
165	225	225	250	250	250	300	300	



ENGINEERING DATA SUPPLEMENT		230V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	45	112	116	119	127	134	143	150
	60	112	116	119	127	134	143	150
	75	121	125	129	137	145	154	161
	90	139	143	147	156	163	172	179
	105	157	161	165	174	181	190	197
	120	175	179	183	192	199	208	215
	135	193	197	201	210	217	226	233
	150	211	215	219	228	235	244	251
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	45	125	125	125	150	150	150	175
	60	125	125	125	150	150	150	175
	75	125	150	150	150	150	175	175
	90	150	150	150	175	175	175	200
	105	175	175	175	175	200	200	200
	120	200	200	200	200	200	225	225
	135	200	200	225	225	225	250	250
	150	225	225	225	250	250	250	300
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	45	108	112	115	122	130	139	146
	60	108	112	115	122	130	139	146
	75	115	120	123	132	140	148	156
	90	134	138	142	150	158	167	174
	105	152	156	160	168	176	185	192
	120	170	174	178	186	194	203	210
	135	188	192	196	204	212	221	228
	150	206	210	214	222	230	239	246
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	45	110	125	125	125	150	150	150
	60	110	125	125	125	150	150	150
	75	125	125	125	150	150	150	175
	90	150	150	150	175	175	175	175
	105	175	175	175	175	200	200	200
	120	175	175	200	200	200	225	225
	135	200	200	200	225	225	225	250
	150	225	225	225	225	250	250	250
165	225	250	250	250	250	300	300	



## ENGINEERING DATA SUPPLEMENT

## 230V-3ph

## Supply Air Blower Motor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	45	119	123	126	133	141	150	157
	60	119	123	126	133	141	150	157
	75	129	133	137	146	153	162	170
	90	147	152	155	164	172	180	188
	105	165	170	173	182	190	198	206
	120	183	188	191	200	208	216	224
	135	201	206	209	218	226	234	242
	150	219	224	227	236	244	252	260
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	45	125	125	150	150	150	175	175
	60	125	125	150	150	150	175	175
	75	150	150	150	150	175	175	175
	90	150	175	175	175	175	200	200
	105	175	175	175	200	200	200	225
	120	200	200	200	225	225	225	225
	135	225	225	225	225	250	250	250
	150	225	225	250	250	250	300	300
165	250	250	250	300	300	300	300	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	45	72	75	77	83	88	93	98
	60	72	75	77	83	88	93	98
	75	82	85	88	95	101	108	114
	90	96	100	102	110	116	122	128
	105	110	114	117	124	130	137	143
	120	125	128	131	138	145	151	157
	135	139	143	145	153	159	165	172
	150	154	157	160	167	174	180	186
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	45	80	80	80	90	90	100	100
	60	80	80	80	90	90	100	100
	75	90	90	90	100	110	110	125
	90	100	110	110	125	125	125	150
	105	125	125	125	125	150	150	150
	120	150	150	150	150	150	175	175
	135	150	150	150	175	175	175	175
	150	175	175	175	175	175	200	200
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	45	74	77	79	85	90	95	100
	60	74	77	79	85	90	95	100
	75	84	88	90	98	104	110	116
	90	98	102	105	112	118	125	131
	105	113	117	119	127	133	139	145
	120	127	131	133	141	147	153	160
	135	142	145	148	155	162	168	174
	150	156	160	162	170	176	182	189
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	45	80	80	80	90	100	100	110
	60	80	80	80	90	100	100	110
	75	90	90	100	100	110	125	125
	90	100	110	110	125	125	150	150
	105	125	125	125	150	150	150	150
	120	150	150	150	150	150	175	175
	135	150	150	150	175	175	175	175
	150	175	175	175	175	200	200	200
165	175	175	200	200	200	200	225	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	45	76	79	81	88	94	100	107
	60	76	79	81	88	94	100	107
	75	87	90	93	100	106	113	119
	90	101	105	107	115	121	127	133
	105	115	119	122	129	135	142	148
	120	130	133	136	143	150	156	162
	135	144	148	150	158	164	170	177
	150	159	162	165	172	179	185	191
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	45	80	80	90	90	100	110	110
	60	80	80	90	90	100	110	110
	75	90	100	100	110	110	125	125
	90	110	110	110	125	125	150	150
	105	125	125	125	150	150	150	150
	120	150	150	150	150	175	175	175
	135	150	150	175	175	175	175	200
	150	175	175	175	175	200	200	200
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	45	76	79	81	88	94	100	107
	60	76	79	81	88	94	100	107
	75	86	90	93	100	106	113	119
	90	101	104	107	114	121	127	133
	105	115	119	121	129	135	141	148
	120	130	133	136	143	150	156	162
	135	144	148	150	158	164	170	177
	150	159	162	165	172	178	185	191
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	45	80	80	90	90	100	110	110
	60	80	80	90	90	100	110	110
	75	90	100	100	110	110	125	125
	90	110	110	110	125	125	150	150
	105	125	125	125	150	150	150	150
	120	150	150	150	150	175	175	175
	135	150	150	175	175	175	175	200
	150	175	175	175	175	200	200	200
165	175	200	200	200	200	200	225	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	45	80	83	85	92	98	104	110
	60	80	83	85	92	98	104	110
	75	91	95	97	105	111	117	124
	90	106	109	112	119	126	132	138
	105	120	124	126	134	140	146	153
	120	135	138	141	148	154	161	167
	135	149	153	155	163	169	175	181
	150	163	167	170	177	183	190	196
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	45	90	90	90	100	100	110	125
	60	90	90	90	100	100	110	125
	75	100	100	100	110	125	125	125
	90	110	110	125	125	150	150	150
	105	125	125	150	150	150	150	175
	120	150	150	150	150	175	175	175
	135	150	175	175	175	175	200	200
	150	175	175	175	200	200	200	200
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	45	78	81	83	90	96	103	109
	60	78	81	83	90	96	103	109
	75	89	93	95	103	109	115	122
	90	104	107	110	117	123	130	136
	105	118	122	124	132	138	144	150
	120	132	136	139	146	152	159	165
	135	147	151	153	161	167	173	179
	150	161	165	167	175	181	187	194
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	45	80	90	90	100	100	110	110
	60	80	90	90	100	100	110	110
	75	90	100	100	110	110	125	125
	90	110	110	125	125	125	150	150
	105	125	125	125	150	150	150	175
	120	150	150	150	150	175	175	175
	135	150	175	175	175	175	175	200
	150	175	175	175	200	200	200	200
165	200	200	200	200	200	225	225	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	45	84	87	89	96	102	109	115
	60	84	87	89	96	102	109	115
	75	97	100	103	110	117	123	129
	90	111	115	117	125	131	137	144
	105	126	129	132	139	146	152	158
	120	140	144	146	154	160	166	172
	135	155	158	161	168	174	181	187
	150	169	173	175	183	189	195	201
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	45	90	90	90	100	110	110	125
	60	90	90	90	100	110	110	125
	75	100	110	110	125	125	125	150
	90	125	125	125	150	150	150	150
	105	150	150	150	150	150	175	175
	120	150	150	150	175	175	175	175
	135	175	175	175	175	175	200	200
	150	175	175	200	200	200	200	225
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	45	81	84	86	93	99	105	112
	60	81	84	86	93	99	105	112
	75	93	96	99	106	113	119	125
	90	107	111	113	121	127	133	140
	105	122	125	128	135	142	148	154
	120	136	140	142	150	156	162	168
	135	151	154	157	164	170	177	183
	150	165	169	171	179	185	191	197
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	45	90	90	90	100	100	110	125
	60	90	90	90	100	100	110	125
	75	100	100	100	110	125	125	150
	90	110	125	125	125	150	150	150
	105	125	150	150	150	150	150	175
	120	150	150	150	175	175	175	175
	135	175	175	175	175	175	200	200
	150	175	175	175	200	200	200	200
165	200	200	200	200	200	225	225	



## ENGINEERING DATA SUPPLEMENT

## 575V-3ph

## Supply Air Blower Motor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	45	90	93	95	102	108	114	121
	60	90	93	96	103	109	116	122
	75	104	108	110	118	124	130	136
	90	118	122	125	132	138	145	151
	105	133	137	139	147	153	159	165
	120	147	151	153	161	167	173	180
	135	162	165	168	175	182	188	194
	150	176	180	182	190	196	202	209
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	45	100	100	100	110	110	125	125
	60	100	100	100	110	110	125	125
	75	110	110	125	125	125	150	150
	90	125	125	150	150	150	150	175
	105	150	150	150	150	175	175	175
	120	150	175	175	175	175	175	200
	135	175	175	175	200	200	200	200
	150	200	200	200	200	200	225	225
165	200	200	200	225	225	225	225	





ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	45 kW	253	260	267	282	298	317	321
	60 kW	253	260	267	282	298	317	321
	75 kW	253	260	267	282	298	317	321
	90 kW	253	260	267	282	298	317	321
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	45 kW	300	300	300	300	300	350	350
	60 kW	300	300	300	300	300	350	350
	75 kW	300	300	300	300	300	350	350
	90 kW	300	300	300	300	300	350	350
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	45 kW	258	265	272	287	303	322	326
	60 kW	258	265	272	287	303	322	326
	75 kW	258	265	272	287	303	322	326
	90 kW	258	265	272	287	303	322	326
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	300	350	350	350
	60 kW	300	300	300	300	350	350	350
	75 kW	300	300	300	300	350	350	350
	90 kW	300	300	300	300	350	350	350
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	45 kW	262	270	276	292	308	327	331
	60 kW	262	270	276	292	308	327	331
	75 kW	262	270	276	292	308	327	331
	90 kW	262	270	276	292	308	327	331
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	300	350	350	350
	60 kW	300	300	300	300	350	350	350
	75 kW	300	300	300	300	350	350	350
	90 kW	300	300	300	300	350	350	350
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	45 kW	263	271	277	293	309	328	332
	60 kW	263	271	277	293	309	328	332
	75 kW	263	271	277	293	309	328	332
	90 kW	263	271	277	293	309	328	332
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	300	350	350	350
	60 kW	300	300	300	300	350	350	350
	75 kW	300	300	300	300	350	350	350
	90 kW	300	300	300	300	350	350	350
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	45 kW	274	281	288	303	319	339	343
	60 kW	274	281	288	303	319	339	343
	75 kW	274	281	288	303	319	339	343
	90 kW	274	281	288	303	319	339	343
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	350	350	350	350
	60 kW	300	300	300	350	350	350	350
	75 kW	300	300	300	350	350	350	350
	90 kW	300	300	300	350	350	350	350



ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	45 kW	269	277	284	299	315	334	338
	60 kW	269	277	284	299	315	334	338
	75 kW	269	277	284	299	315	334	338
	90 kW	269	277	284	299	315	334	338
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	300	350	350	350
	60 kW	300	300	300	300	350	350	350
	75 kW	300	300	300	300	350	350	350
	90 kW	300	300	300	300	350	350	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	45 kW	286	294	300	316	332	351	355
	60 kW	286	294	300	316	332	351	355
	75 kW	286	294	300	316	332	351	355
	90 kW	286	294	300	316	332	351	355
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	350	350	350	400	400
	60 kW	300	300	350	350	350	400	400
	75 kW	300	300	350	350	350	400	400
	90 kW	300	300	350	350	350	400	400
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	45 kW	277	284	291	306	320	335	338
	60 kW	277	284	291	306	320	335	338
	75 kW	277	284	291	306	320	335	338
	90 kW	277	284	291	306	320	335	338
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	350	350	350	350
	60 kW	300	300	300	350	350	350	350
	75 kW	300	300	300	350	350	350	350
	90 kW	300	300	300	350	350	350	350
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	45 kW	301	309	315	331	347	366	370
	60 kW	301	309	315	331	347	366	370
	75 kW	301	309	315	331	347	366	370
	90 kW	301	309	315	331	347	366	370
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	45 kW	350	350	350	350	350	400	400
	60 kW	350	350	350	350	350	400	400
	75 kW	350	350	350	350	350	400	400
	90 kW	350	350	350	350	350	400	400



ENGINEERING DATA SUPPLEMENT		230V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	45 kW	253	260	267	282	298	317	321
	60 kW	253	260	267	282	298	317	321
	75 kW	253	260	267	282	298	317	321
	90 kW	253	260	267	282	298	317	321
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	45 kW	300	300	300	300	300	350	350
	60 kW	300	300	300	300	300	350	350
	75 kW	300	300	300	300	300	350	350
	90 kW	300	300	300	300	300	350	350
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	45 kW	258	265	272	287	303	322	326
	60 kW	258	265	272	287	303	322	326
	75 kW	258	265	272	287	303	322	326
	90 kW	258	265	272	287	303	322	326
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	300	350	350	350
	60 kW	300	300	300	300	350	350	350
	75 kW	300	300	300	300	350	350	350
	90 kW	300	300	300	300	350	350	350
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	45 kW	262	270	276	292	308	327	331
	60 kW	262	270	276	292	308	327	331
	75 kW	262	270	276	292	308	327	331
	90 kW	262	270	276	292	308	327	331
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	300	350	350	350
	60 kW	300	300	300	300	350	350	350
	75 kW	300	300	300	300	350	350	350
	90 kW	300	300	300	300	350	350	350
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	45 kW	263	271	277	293	309	328	332
	60 kW	263	271	277	293	309	328	332
	75 kW	263	271	277	293	309	328	332
	90 kW	263	271	277	293	309	328	332
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	300	350	350	350
	60 kW	300	300	300	300	350	350	350
	75 kW	300	300	300	300	350	350	350
	90 kW	300	300	300	300	350	350	350
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	45 kW	274	281	288	303	319	339	343
	60 kW	274	281	288	303	319	339	343
	75 kW	274	281	288	303	319	339	343
	90 kW	274	281	288	303	319	339	343
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	350	350	350	350
	60 kW	300	300	300	350	350	350	350
	75 kW	300	300	300	350	350	350	350
	90 kW	300	300	300	350	350	350	350



ENGINEERING DATA SUPPLEMENT		230V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	45 kW	269	277	284	299	315	334	338
	60 kW	269	277	284	299	315	334	338
	75 kW	269	277	284	299	315	334	338
	90 kW	269	277	284	299	315	334	338
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	300	350	350	350
	60 kW	300	300	300	300	350	350	350
	75 kW	300	300	300	300	350	350	350
	90 kW	300	300	300	300	350	350	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	45 kW	286	294	300	316	332	351	355
	60 kW	286	294	300	316	332	351	355
	75 kW	286	294	300	316	332	351	355
	90 kW	286	294	300	316	332	351	355
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	350	350	350	400	400
	60 kW	300	300	350	350	350	400	400
	75 kW	300	300	350	350	350	400	400
	90 kW	300	300	350	350	350	400	400
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	45 kW	277	284	291	306	320	335	338
	60 kW	277	284	291	306	320	335	338
	75 kW	277	284	291	306	320	335	338
	90 kW	277	284	291	306	320	335	338
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	350	350	350	350
	60 kW	300	300	300	350	350	350	350
	75 kW	300	300	300	350	350	350	350
	90 kW	300	300	300	350	350	350	350
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	45 kW	301	309	315	331	347	366	370
	60 kW	301	309	315	331	347	366	370
	75 kW	301	309	315	331	347	366	370
	90 kW	301	309	315	331	347	366	370
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	45 kW	350	350	350	350	350	400	400
	60 kW	350	350	350	350	350	400	400
	75 kW	350	350	350	350	350	400	400
	90 kW	350	350	350	350	350	400	400



## ENGINEERING DATA SUPPLEMENT

## 460V-3ph

## Supply Air Blower Motor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	45	103	106	109	117	124	133	140
	60	103	106	109	117	124	133	140
	75	103	106	110	118	126	135	142
	90	120	124	128	137	144	153	160
	105	138	142	146	155	162	171	178
	120	156	160	164	173	180	189	196
	135	174	178	182	191	198	207	214
	150	192	196	200	209	216	225	232
	165	210	214	218	227	234	243	250
Electric Heat Without Power Exhaust Maximum Overcurrent Protection	45	110	110	110	125	125	150	150
	60	110	110	110	125	125	150	150
	75	110	110	125	125	150	150	150
	90	125	125	150	150	150	175	175
	105	150	150	150	175	175	175	200
	120	175	175	175	175	200	200	200
	135	175	200	200	200	200	225	225
	150	200	200	225	225	225	250	250
	165	225	225	225	250	250	250	300
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	45	105	109	112	119	127	135	143
	60	105	109	112	119	127	135	143
	75	105	109	113	121	129	138	145
	90	123	127	131	140	147	156	163
	105	141	145	149	158	165	174	181
	120	159	163	167	176	183	192	199
	135	177	181	185	194	201	210	217
	150	195	199	203	212	219	228	235
	165	213	217	221	230	237	246	253
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	45	110	110	125	125	150	150	150
	60	110	110	125	125	150	150	150
	75	110	110	125	125	150	150	150
	90	125	150	150	150	150	175	175
	105	150	150	150	175	175	175	200
	120	175	175	175	200	200	200	200
	135	200	200	200	200	225	225	225
	150	200	200	225	225	225	250	250
	165	225	225	225	250	250	250	300
180	250	250	250	250	300	300	300	



ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	45	108	111	114	122	129	138	145
	60	108	111	114	122	129	138	145
	75	108	112	116	124	132	141	148
	90	126	130	134	143	150	159	166
	105	144	148	152	161	168	177	184
	120	162	166	170	179	186	195	202
	135	180	184	188	197	204	213	220
	150	198	202	206	215	222	231	238
	165	216	220	224	233	240	249	256
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	45	110	125	125	125	150	150	150
	60	110	125	125	125	150	150	150
	75	110	125	125	125	150	150	150
	90	150	150	150	150	175	175	175
	105	150	150	175	175	175	200	200
	120	175	175	175	200	200	200	225
	135	200	200	200	200	225	225	225
	150	200	225	225	225	225	250	250
	165	225	225	225	250	250	250	300
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	45	108	111	114	122	129	138	145
	60	108	111	114	122	129	138	145
	75	108	112	116	124	132	141	148
	90	126	130	134	143	150	159	166
	105	144	148	152	161	168	177	184
	120	162	166	170	179	186	195	202
	135	180	184	188	197	204	213	220
	150	198	202	206	215	222	231	238
	165	216	220	224	233	240	249	256
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	45	110	125	125	125	150	150	150
	60	110	125	125	125	150	150	150
	75	110	125	125	125	150	150	150
	90	150	150	150	150	175	175	175
	105	150	150	175	175	175	200	200
	120	175	175	175	200	200	200	225
	135	200	200	200	200	225	225	225
	150	200	225	225	225	225	250	250
	165	225	225	225	250	250	250	300
180	250	250	250	300	300	300	300	



ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	45	112	116	119	126	134	143	150
	60	112	116	119	126	134	143	150
	75	114	118	122	130	138	147	154
	90	132	136	140	149	156	165	172
	105	150	154	158	167	174	183	190
	120	168	172	176	185	192	201	208
	135	186	190	194	203	210	219	226
	150	204	208	212	221	228	237	244
	165	222	226	230	239	246	255	262
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	45	125	125	125	150	150	150	175
	60	125	125	125	150	150	150	175
	75	125	125	125	150	150	150	175
	90	150	150	150	150	175	175	175
	105	175	175	175	175	175	200	200
	120	175	175	200	200	200	225	225
	135	200	200	200	225	225	225	250
	150	225	225	225	225	250	250	250
	165	225	250	250	250	250	300	300
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	45	110	114	117	124	132	141	148
	60	110	114	117	124	132	141	148
	75	111	115	119	128	135	144	152
	90	129	134	137	146	154	162	170
	105	147	152	155	164	172	180	188
	120	165	170	173	182	190	198	206
	135	183	188	191	200	208	216	224
	150	201	206	209	218	226	234	242
	165	219	224	227	236	244	252	260
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	45	125	125	125	125	150	150	150
	60	125	125	125	125	150	150	150
	75	125	125	125	150	150	150	175
	90	150	150	150	150	175	175	175
	105	150	175	175	175	175	200	200
	120	175	175	175	200	200	200	225
	135	200	200	200	225	225	225	225
	150	225	225	225	225	250	250	250
	165	225	225	250	250	250	300	300
180	250	250	250	300	300	300	300	



## ENGINEERING DATA SUPPLEMENT

## 460V-3ph

## Supply Air Blower Motor hp

Electric Heat Size	460V-3ph Supply Air Blower Motor hp							
	5	7.5	10	15	20	25	30	
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	45	118	121	124	132	139	148	156
	60	118	121	124	132	139	148	156
	75	121	125	129	137	145	154	161
	90	139	143	147	156	163	172	179
	105	157	161	165	174	181	190	197
	120	175	179	183	192	199	208	215
	135	193	197	201	210	217	226	233
	150	211	215	219	228	235	244	251
	165	229	233	237	246	253	262	269
	180	247	251	255	264	271	280	288
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	45	125	125	125	150	150	150	175
	60	125	125	125	150	150	150	175
	75	125	150	150	150	150	175	175
	90	150	150	150	175	175	175	200
	105	175	175	175	175	200	200	200
	120	200	200	200	200	200	225	225
	135	200	200	225	225	225	250	250
	150	225	225	225	250	250	250	300
	165	250	250	250	250	300	300	300
180	250	300	300	300	300	300	300	
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	45	114	117	120	128	135	144	151
	60	114	117	120	128	135	144	151
	75	115	120	123	132	140	148	156
	90	134	138	142	150	158	167	174
	105	152	156	160	168	176	185	192
	120	170	174	178	186	194	203	210
	135	188	192	196	204	212	221	228
	150	206	210	214	222	230	239	246
	165	224	228	232	240	248	257	264
180	242	246	250	259	266	275	282	
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	45	125	125	125	150	150	150	175
	60	125	125	125	150	150	150	175
	75	125	125	125	150	150	150	175
	90	150	150	150	175	175	175	175
	105	175	175	175	175	200	200	200
	120	175	175	200	200	200	225	225
	135	200	200	200	225	225	225	250
	150	225	225	225	225	250	250	250
	165	225	250	250	250	250	300	300
180	250	250	300	300	300	300	300	





## ENGINEERING DATA SUPPLEMENT

## 460V-3ph

## Supply Air Blower Motor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	45	125	128	131	139	146	155	162
	60	125	128	131	139	146	155	162
	75	129	133	137	146	153	162	170
	90	147	152	155	164	172	180	188
	105	165	170	173	182	190	198	206
	120	183	188	191	200	208	216	224
	135	201	206	209	218	226	234	242
	150	219	224	227	236	244	252	260
	165	237	242	245	254	262	270	278
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	45	150	150	150	150	150	175	175
	60	150	150	150	150	150	175	175
	75	150	150	150	150	175	175	175
	90	150	175	175	175	175	200	200
	105	175	175	175	200	200	200	225
	120	200	200	200	225	225	225	225
	135	225	225	225	225	250	250	250
	150	225	225	250	250	250	300	300
	165	250	250	250	300	300	300	300
180	300	300	300	300	300	300	300	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	45	82	85	87	93	98	103	108
	60	82	85	87	93	98	103	108
	75	82	85	88	95	101	108	114
	90	96	100	102	110	116	122	128
	105	110	114	117	124	130	137	143
	120	125	128	131	138	145	151	157
	135	139	143	145	153	159	165	172
	150	154	157	160	167	174	180	186
	165	168	172	174	182	188	194	201
Electric Heat Without Power Exhaust Maximum Overcurrent Protection (amps)	45	90	90	90	100	100	110	110
	60	90	90	90	100	100	110	110
	75	90	90	90	100	110	110	125
	90	100	110	110	125	125	125	150
	105	125	125	125	125	150	150	150
	120	150	150	150	150	150	175	175
	135	150	150	150	175	175	175	175
	150	175	175	175	175	175	200	200
	165	175	175	175	200	200	200	225
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	45	84	87	89	95	100	105	110
	60	84	87	89	95	100	105	110
	75	84	88	90	98	104	110	116
	90	98	102	105	112	118	125	131
	105	113	117	119	127	133	139	145
	120	127	131	133	141	147	153	160
	135	142	145	148	155	162	168	174
	150	156	160	162	170	176	182	189
	165	171	174	177	184	191	197	203
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	45	90	90	90	100	110	110	125
	60	90	90	90	100	110	110	125
	75	90	90	100	100	110	125	125
	90	100	110	110	125	125	150	150
	105	125	125	125	150	150	150	150
	120	150	150	150	150	150	175	175
	135	150	150	150	175	175	175	175
	150	175	175	175	175	200	200	200
	165	175	175	200	200	200	200	225
180	200	200	200	200	225	225	225	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	45	86	89	91	95	104	110	117
	60	86	89	91	95	104	110	117
	75	87	90	93	100	106	113	119
	90	101	105	107	115	121	127	133
	105	115	119	122	129	135	142	148
	120	130	133	136	143	150	156	162
	135	144	148	150	158	164	170	177
	150	159	162	165	172	179	185	191
	165	173	177	179	187	193	199	206
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	45	90	90	100	100	110	125	125
	60	90	90	100	100	110	125	125
	75	90	100	100	110	110	125	125
	90	110	110	110	125	125	150	150
	105	125	125	125	150	150	150	150
	120	150	150	150	150	175	175	175
	135	150	150	175	175	175	175	200
	150	175	175	175	175	200	200	200
	165	175	200	200	200	200	200	225
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	45	86	89	91	98	104	110	117
	60	86	89	91	98	104	110	117
	75	86	90	93	100	106	113	119
	90	101	104	107	114	121	127	133
	105	115	119	121	129	135	141	148
	120	130	133	136	143	150	156	162
	135	144	148	150	158	164	170	177
	150	159	162	165	172	178	185	191
	165	173	177	179	187	193	199	205
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	45	90	90	100	100	110	125	125
	60	90	90	100	100	110	125	125
	75	90	100	100	110	110	125	125
	90	110	110	110	125	125	150	150
	105	125	125	125	150	150	150	150
	120	150	150	150	150	175	175	175
	135	150	150	175	175	175	175	200
	150	175	175	175	175	200	200	200
	165	175	200	200	200	200	200	225
180	200	200	200	225	225	225	225	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	45	90	93	95	102	108	114	120
	60	90	93	95	102	108	114	120
	75	91	95	97	105	111	117	124
	90	106	109	112	119	126	132	138
	105	120	124	126	134	140	146	153
	120	135	138	141	148	154	161	167
	135	149	153	155	163	169	175	181
	150	163	167	170	177	183	190	196
	165	178	182	184	192	198	204	210
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	45	100	100	100	110	110	125	125
	60	100	100	100	110	110	125	125
	75	100	100	100	110	125	125	125
	90	110	110	125	125	150	150	150
	105	125	125	150	150	150	150	175
	120	150	150	150	150	175	175	175
	135	150	175	175	175	175	200	200
	150	175	175	175	200	200	200	200
	165	200	200	200	200	200	225	225
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	45	89	91	93	100	106	113	119
	60	89	91	93	100	106	113	119
	75	89	93	95	103	109	115	122
	90	104	107	110	117	123	130	136
	105	118	122	124	132	138	144	150
	120	132	136	139	146	152	159	165
	135	147	151	153	161	167	173	179
	150	161	165	167	175	181	187	194
	165	176	179	182	189	196	202	208
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	45	90	100	100	110	110	125	125
	60	90	100	100	110	110	125	125
	75	90	100	100	110	110	125	125
	90	110	110	125	125	125	150	150
	105	125	125	125	150	150	150	175
	120	150	150	150	150	175	175	175
	135	150	175	175	175	175	175	200
	150	175	175	175	200	200	200	200
	165	200	200	200	200	200	225	225
180	200	200	200	225	225	225	225	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Motor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	45	95	98	100	106	112	119	125
	60	95	98	100	106	112	119	125
	75	97	100	103	110	117	123	129
	90	111	115	117	125	131	137	144
	105	126	129	132	139	146	152	158
	120	140	144	146	154	160	166	172
	135	155	158	161	168	174	181	187
	150	169	173	175	183	189	195	201
	165	183	187	190	197	203	210	216
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	45	100	100	110	110	125	125	150
	60	100	100	110	110	125	125	150
	75	100	110	110	125	125	125	150
	90	125	125	125	150	150	150	150
	105	150	150	150	150	150	175	175
	120	150	150	150	175	175	175	175
	135	175	175	175	175	175	200	200
	150	175	175	200	200	200	200	225
	165	200	200	200	200	225	225	225
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	45	91	94	96	103	109	115	122
	60	91	94	96	103	109	115	122
	75	93	96	99	106	113	119	125
	90	107	111	113	121	127	133	140
	105	122	125	128	135	142	148	154
	120	136	140	142	150	156	162	168
	135	151	154	157	164	170	177	183
	150	165	169	171	179	185	191	197
	165	179	183	186	193	199	206	212
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	45	100	100	100	110	110	125	125
	60	100	100	100	110	110	125	125
	75	100	100	100	110	125	125	150
	90	110	125	125	125	150	150	150
	105	125	150	150	150	150	150	175
	120	150	150	150	175	175	175	175
	135	175	175	175	175	175	200	200
	150	175	175	175	200	200	200	200
	165	200	200	200	200	200	225	225
180	200	200	225	225	225	225	250	



<i>ENGINEERING DATA SUPPLEMENT</i>		<b>575V-3ph</b>						
		<b>Supply Air Blower Motor hp</b>						
<b>Electric Heat Size</b>		<b>5</b>	<b>7.5</b>	<b>10</b>	<b>15</b>	<b>20</b>	<b>25</b>	<b>30</b>
<b>Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp</b>	<b>45</b>	<b>100</b>	<b>103</b>	<b>105</b>	<b>112</b>	<b>118</b>	<b>124</b>	<b>131</b>
	<b>60</b>	<b>100</b>	<b>103</b>	<b>105</b>	<b>112</b>	<b>118</b>	<b>124</b>	<b>131</b>
	<b>75</b>	<b>104</b>	<b>108</b>	<b>110</b>	<b>118</b>	<b>124</b>	<b>130</b>	<b>136</b>
	<b>90</b>	<b>118</b>	<b>122</b>	<b>125</b>	<b>132</b>	<b>138</b>	<b>145</b>	<b>151</b>
	<b>105</b>	<b>133</b>	<b>137</b>	<b>139</b>	<b>147</b>	<b>153</b>	<b>159</b>	<b>165</b>
	<b>120</b>	<b>147</b>	<b>151</b>	<b>153</b>	<b>161</b>	<b>167</b>	<b>173</b>	<b>180</b>
	<b>135</b>	<b>162</b>	<b>165</b>	<b>168</b>	<b>175</b>	<b>182</b>	<b>188</b>	<b>194</b>
	<b>150</b>	<b>176</b>	<b>180</b>	<b>182</b>	<b>190</b>	<b>196</b>	<b>202</b>	<b>209</b>
	<b>165</b>	<b>191</b>	<b>194</b>	<b>197</b>	<b>204</b>	<b>211</b>	<b>217</b>	<b>223</b>
	<b>180</b>	<b>205</b>	<b>209</b>	<b>211</b>	<b>219</b>	<b>225</b>	<b>231</b>	<b>237</b>
<b>Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp</b>	<b>45</b>	<b>110</b>	<b>110</b>	<b>110</b>	<b>125</b>	<b>125</b>	<b>125</b>	<b>150</b>
	<b>60</b>	<b>110</b>	<b>110</b>	<b>110</b>	<b>125</b>	<b>125</b>	<b>125</b>	<b>150</b>
	<b>75</b>	<b>110</b>	<b>110</b>	<b>125</b>	<b>125</b>	<b>125</b>	<b>150</b>	<b>150</b>
	<b>90</b>	<b>125</b>	<b>125</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>175</b>
	<b>105</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>175</b>	<b>175</b>	<b>175</b>
	<b>120</b>	<b>150</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>200</b>
	<b>135</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>
	<b>150</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>225</b>	<b>225</b>
	<b>165</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>225</b>	<b>225</b>	<b>225</b>	<b>225</b>
<b>180</b>	<b>225</b>	<b>225</b>	<b>225</b>	<b>225</b>	<b>250</b>	<b>250</b>	<b>250</b>	
<b>Maximum Overcurrent Protection (amps)</b>								