



ENGINEERING DATA SUPPLEMENT

208V-3ph

Supply Air Blower Mtor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30 kW	165	172	179	194	207	223	226
	45 kW	165	172	179	194	207	223	226
	60 kW	165	172	179	194	207	223	226
	75 kW	178	187	195	215	231	250	254
	90 kW	209	218	227	246	262	282	286
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	200	200	225	250	250	300	300
	90 kW	225	225	250	250	300	350	350
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30 kW	169	177	183	199	212	227	231
	45 kW	169	177	183	199	212	227	231
	60 kW	169	177	183	199	212	227	231
	75 kW	184	193	201	221	237	256	260
	90 kW	215	224	233	252	268	288	292
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp 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	200	200	225	250	250	300	300
	90 kW	225	225	250	300	300	350	350
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30 kW	174	182	188	204	217	232	235
	45 kW	174	182	188	204	217	232	235
	60 kW	174	182	188	204	217	232	235
	75 kW	190	199	207	227	243	262	266
	90 kW	221	230	239	258	274	294	298
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	200	225	250	300	300	300
	90 kW	225	250	250	300	300	350	350
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	30 kW	175	183	189	205	218	233	236
	45 kW	175	183	189	205	218	233	236
	60 kW	175	183	189	205	218	233	236
	75 kW	191	200	209	228	244	264	268
	90 kW	222	232	240	259	276	295	299
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	200	225	250	300	300	300
	90 kW	225	250	250	300	300	350	350



ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Mtor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 3 hp	30 kW	186	193	200	215	228	244	247
	45 kW	186	193	200	215	228	244	247
	60 kW	186	193	200	215	228	246	250
	75 kW	204	214	222	241	258	277	281
	90 kW	235	245	253	272	289	308	312
Electric Heat With 100% High Static Power Exhaust (2) 3 hp	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	350
	90 kW	250	250	300	300	300	350	350
Electric Heat with 50% High Static Power Exhaust (1) 5 hp	30 kW	181	189	195	211	224	239	243
	45 kW	181	189	195	211	224	239	243
	60 kW	181	189	195	211	224	240	244
	75 kW	199	208	216	235	252	271	275
	90 kW	230	3	247	267	283	302	306
Electric Heat with 50% High Static Power Exhaust (1) 5 hp	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	200	225	225	250	300	300	300
	90 kW	250	250	250	300	300	350	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp	30 kW	198	205	212	227	241	256	259
	45 kW	198	205	212	227	241	256	259
	60 kW	198	205	212	227	242	261	265
	75 kW	219	229	237	256	273	292	296
	90 kW	251	260	268	288	304	323	327
Electric Heat with 100% High Static Power Exhaust (2) 5 hp	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	350	350
	90 kW	300	300	300	300	350	350	350
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp	30 kW	189	196	203	218	231	247	250
	45 kW	189	196	203	218	231	247	250
	60 kW	189	196	203	218	231	249	253
	75 kW	208	217	226	245	261	281	285
	90 kW	239	249	257	276	293	312	316
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp	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	350
	90 kW	250	250	300	300	300	350	350



ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Mtor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp	30 kW	213	225	227	242	256	271	274
	45 kW	213	225	227	242	256	272	276
	Minimum Circuit Ampacity (amps)	213	225	227	244	260	280	284
	75 kW	238	248	256	275	292	311	315
	90 kW	269	279	287	306	323	342	346
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp	30 kW	250	250	250	250	300	350	350
	45 kW	250	250	250	250	300	350	350
	Maximum Overcurrent Protection (amps)	250	250	250	250	300	350	350
	75 kW	250	250	300	300	300	350	350
	90 kW	300	300	300	350	350	400	400



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 Without Power Exhaust Minimum Circuit Ampacity (amps)	30 kW	165	172	179	194	207	223	226
	45 kW	165	172	179	194	207	223	226
	60 kW	166	175	183	203	219	238	242
	75 kW	202	211	219	239	255	274	278
	90 kW	238	247	255	275	291	310	214
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	250	250	300	300	350
	90 kW	250	250	300	300	350	350	350
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30 kW	169	177	183	199	212	227	231
	45 kW	169	177	183	200	216	235	239
	60 kW	172	181	189	209	225	244	248
	75 kW	208	217	225	245	261	280	284
	90 kW	244	253	261	281	297	316	320
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp 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	250	250	300	300
	75 kW	225	225	250	250	300	350	350
	90 kW	250	300	300	300	350	350	350
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30 kW	174	182	188	204	217	232	235
	45 kW	174	182	188	206	222	241	245
	60 kW	178	187	195	215	231	250	254
	75 kW	214	223	231	251	267	286	290
	90 kW	250	259	267	287	303	322	326
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	350	350
	90 kW	250	300	300	300	350	350	400
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	30 kW	175	183	189	205	218	233	236
	45 kW	175	183	189	207	223	243	247
	60 kW	179	188	197	216	232	252	256
	75 kW	215	224	233	252	268	288	292
	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	350	350
	90 kW	300	300	300	300	350	350	400



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	30 kW	186	193	200	215	228	244	247
	45 kW	186	193	201	220	237	256	260
	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 100% High Static Power Exhaust (2) 3 hp	30 kW	200	200	225	250	250	300	300
	45 kW	200	200	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	400	400
Electric Heat with 50% High Static Power Exhaust (1) 5 hp	30 kW	181	189	195	211	224	239	243
	45 kW	181	189	195	214	231	250	254
	60 kW	187	196	204	223	240	259	263
	75 kW	223	232	240	260	276	295	299
	90 kW	259	268	276	296	312	331	335
Electric Heat with 50% High Static Power Exhaust (1) 5 hp	30 kW	200	200	225	250	250	300	300
	45 kW	200	200	225	225	250	300	300
	60 kW	200	200	225	250	250	300	300
	75 kW	225	250	250	300	300	350	350
	90 kW	300	300	300	300	350	400	400
Electric Heat with 100% High Static Power Exhaust (2) 5 hp	30 kW	198	205	212	227	241	256	259
	45 kW	198	208	216	235	252	271	275
	60 kW	207	217	225	244	261	280	284
	75 kW	244	253	261	280	297	316	320
	90 kW	280	289	297	316	333	352	356
Electric Heat with 100% High Static Power Exhaust (2) 5 hp	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	350
	75 kW	250	300	300	300	300	350	350
	90 kW	300	300	300	350	350	400	400
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp	30 kW	189	196	203	218	231	247	250
	45 kW	189	196	205	224	240	260	264
	60 kW	196	205	214	233	249	269	273
	75 kW	232	241	250	269	285	305	309
	90 kW	268	277	286	305	321	341	345
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp	30 kW	200	200	225	250	250	300	300
	45 kW	200	200	225	250	250	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	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 With 100% High Static Power Exhaust (2) 7.5 hp	30 kW	213	220	227	242	256	271	274
	45 kW	217	227	235	254	271	290	294
	60 kW	226	236	244	263	280	299	303
	75 kW	262	272	280	299	316	335	339
	90 kW	298	308	316	335	352	371	375
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp	30 kW	250	250	250	250	300	350	350
	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	400
	90 kW	300	350	350	350	400	400	400
Minimum Circuit Ampacity (amps)								
Maximum Overcurrent Protection (amps)								



ENGINEERING DATA SUPPLEMENT

ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Mtor 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	97	103	110	111
	45	84	87	90	97	103	111	112
	60	84	87	90	99	106	115	116
	75	100	104	108	117	124	133	134
	90	118	123	126	135	143	151	153
	105	136	141	144	153	161	169	171
	120	154	159	162	171	179	187	189
Electric Heat Without Power Exhaust 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	100	110	110	125	150	150	150
	90	125	125	150	150	150	175	175
	105	150	150	150	175	175	200	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	99	105	112	113
	45	86	89	92	99	105	114	115
	60	86	89	93	102	109	118	119
	75	103	107	111	120	127	136	137
	90	121	126	129	138	146	154	156
	105	139	144	147	156	164	172	174
	120	157	162	165	174	182	190	192
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30	100	100	100	110	125	150	150
	45	100	100	100	110	125	150	150
	60	100	100	100	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	200	200
	120	175	175	175	175	200	200	225
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30	88	92	95	102	108	115	116
	45	88	92	95	102	108	117	118
	60	88	92	96	105	112	121	122
	75	106	110	114	123	130	139	140
	90	124	129	132	141	149	157	159
	105	142	147	150	159	167	175	177
	120	160	165	168	177	185	193	195
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30	100	100	100	110	125	150	150
	45	100	100	100	110	125	150	150
	60	100	100	100	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	200	200
	120	175	175	175	200	200	225	225



ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Mtor 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	102	108	115	116
	45	88	92	95	102	108	117	118
	60	88	92	96	105	112	121	122
	75	106	110	114	123	130	139	140
	90	124	129	132	141	149	157	159
	105	142	147	150	159	167	175	177
	120	160	165	168	177	185	193	195
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30	100	100	100	110	125	150	150
	45	100	100	100	110	125	150	150
	60	100	100	100	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	200	200
	120	175	175	175	200	200	225	225
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	30	93	97	100	107	113	120	121
	45	93	97	100	107	114	123	124
	60	94	98	102	111	118	127	128
	75	112	116	120	129	136	145	146
	90	130	135	138	147	155	163	165
	105	148	153	156	165	173	181	183
	120	166	171	174	183	191	199	201
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	150	175	175	175	175	200	200
	120	175	175	175	200	200	225	225
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30	91	95	98	105	111	118	119
	45	91	95	98	105	111	120	121
	60	92	96	100	108	116	125	126
	75	110	114	118	126	134	143	144
	90	128	132	136	145	152	161	162
	105	146	150	154	163	170	179	180
	120	164	168	172	181	188	197	198
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30	100	100	110	125	125	150	150
	45	100	100	110	125	125	150	150
	60	100	100	110	125	125	150	150
	75	110	125	125	150	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	225	225



ENGINEERING DATA SUPPLEMENT

ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Mtor 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	112	118	125	126
	45	99	102	105	113	121	130	131
	60	101	105	109	118	125	134	135
	75	119	123	127	136	143	152	153
	90	137	142	145	154	162	170	172
	105	155	160	163	172	180	188	190
	120	173	178	181	190	198	206	208
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	110	125	125	150	150
	75	125	125	150	150	150	175	175
	90	150	150	150	175	175	200	200
	105	175	175	175	175	200	200	200
	120	175	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	108	114	121	122
	45	95	98	101	108	116	124	126
	60	96	100	104	113	120	129	130
	75	114	118	122	131	138	147	148
	90	132	136	140	149	156	165	166
	105	150	154	158	167	174	183	184
	120	168	172	176	185	192	201	202
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	125	150
	60	100	110	110	125	125	150	150
	75	125	125	125	150	150	175	175
	90	150	150	150	150	175	175	175
	105	150	175	175	175	175	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	119	125	132	133
	45	106	109	113	122	129	138	139
	60	110	114	118	126	134	143	144
	75	128	132	136	144	152	161	162
	90	146	150	154	163	170	179	180
	105	164	168	172	181	188	197	198
	120	182	186	190	199	206	215	216
Electric Heat With 100% High Static Power Exhaust (2) 7.5 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	150	150	150	150
	75	150	150	150	150	175	175	175
	90	150	150	175	175	175	200	200
	105	175	175	175	200	200	225	225
	120	200	200	200	200	225	225	225



ENGINEERING DATA SUPPLEMENT

575V-3ph

Supply Air Blower Mtor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30	63	66	68	74	79	84	89
	45	63	66	68	76	82	88	95
	60	66	69	72	79	86	92	98
	75	80	84	86	94	100	106	113
	90	95	98	101	108	115	121	127
	105	109	113	115	123	129	135	141
	120	124	127	130	137	143	150	156
Electric Heat Without Power Exhaust Maximum Overcurrent Protection (amps)	30	70	70	70	90	100	110	125
	45	80	90	90	100	110	125	125
	60	90	90	100	110	125	125	150
	75	100	110	110	125	150	150	150
	90	125	125	150	150	150	175	175
	105	150	150	150	175	175	200	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	65	68	70	76	81	86	91
	45	65	68	71	78	85	91	97
	60	68	72	74	82	88	94	101
	75	83	86	89	96	103	109	115
	90	97	101	103	111	117	123	130
	105	112	115	118	125	131	138	144
	120	126	130	132	140	146	152	158
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30	70	70	80	90	100	110	125
	45	70	70	80	90	100	110	125
	60	70	80	80	90	100	110	125
	75	90	90	90	110	110	125	125
	90	100	110	110	125	125	125	150
	105	125	125	125	125	150	150	175
	120	150	150	150	150	150	175	175
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30	67	70	72	78	83	88	93
	45	67	71	73	81	87	93	100
	60	71	74	77	84	91	97	103
	75	85	89	91	99	105	111	118
	90	100	103	106	113	120	126	132
	105	114	118	120	128	134	140	146
	120	129	132	135	142	148	155	161
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30	70	80	80	90	100	110	125
	45	70	80	80	90	100	110	125
	60	80	80	80	100	110	110	125
	75	90	90	100	110	125	125	125
	90	100	110	110	125	125	150	150
	105	125	125	125	150	150	150	175
	120	150	150	150	150	150	175	175



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Mtor 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	67	70	72	78	83	88	93
	45	67	71	73	81	87	93	99
	60	71	74	77	84	91	97	103
	75	85	89	91	99	105	111	118
	90	100	103	106	113	119	126	132
	105	114	118	120	128	134	140	146
	120	128	132	135	142	148	155	161
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30	80	80	80	90	110	110	125
	45	80	80	80	90	110	110	125
	60	80	80	80	100	110	110	125
	75	90	90	100	110	125	125	125
	90	100	110	110	125	125	150	150
	105	125	125	125	150	150	150	175
	120	150	150	150	150	150	175	175
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	30	71	74	76	82	87	92	97
	45	72	76	78	86	92	98	104
	60	76	79	82	89	95	102	108
	75	90	94	96	104	110	116	122
	90	104	108	111	118	124	131	137
	105	119	122	125	132	139	145	151
	120	133	137	139	147	153	159	166
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30	80	80	80	90	110	110	125
	45	80	80	80	90	110	110	125
	60	80	80	90	100	110	125	125
	75	90	100	100	110	125	125	150
	90	110	110	125	125	125	150	150
	105	125	125	125	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	69	72	74	80	85	90	95
	45	70	73	76	83	90	96	102
	60	73	77	80	87	93	100	106
	75	88	92	94	102	108	114	120
	90	102	106	108	116	122	128	135
	105	117	120	123	130	137	143	149
	120	131	135	137	145	151	157	164
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30	70	80	80	90	100	110	125
	45	70	80	80	90	100	110	125
	60	80	80	80	90	110	125	125
	75	90	100	100	110	125	125	150
	90	110	110	110	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 Mtor 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	75	78	80	86	91	96	101
	45	77	81	84	91	97	104	110
	60	81	85	87	95	101	107	113
	75	96	99	102	109	115	122	128
	90	110	114	116	124	130	136	142
	105	124	128	130	138	144	150	157
	120	139	142	145	152	159	165	171
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30	80	90	90	100	110	125	125
	45	80	90	90	100	110	125	125
	60	90	90	90	100	110	125	125
	75	100	100	110	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	200
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	30	72	75	77	83	88	93	98
	45	73	77	80	87	93	100	106
	60	77	81	83	91	97	103	109
	75	92	95	98	105	111	118	124
	90	106	110	112	120	126	132	138
	105	120	124	126	134	140	146	153
	120	135	138	141	148	155	161	167
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	30	80	80	80	100	110	110	125
	45	80	80	80	100	110	110	125
	60	80	90	90	100	110	125	125
	75	100	100	100	110	125	125	150
	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 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	30	81	84	86	92	97	102	107
	45	85	88	91	98	105	111	117
	60	88	92	94	102	108	114	121
	75	103	106	109	116	123	129	135
	90	117	121	123	131	137	143	150
	105	132	135	138	145	151	158	164
	120	146	150	152	160	166	172	178
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	30	100	100	100	110	110	125	125
	45	100	100	100	110	110	125	125
	60	100	100	100	110	125	125	125
	75	110	110	110	125	125	150	150
	90	125	125	125	150	150	150	175
	105	150	150	150	150	175	175	175
	120	150	150	175	175	175	175	200



ENGINEERING DATA SUPPLEMENT

208V-3ph

Supply Air Blower Mtor 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	200	213	228	231
	45 kW	170	178	184	200	213	228	231
	60 kW	170	178	184	200	213	228	231
	75 kW	178	187	195	215	231	250	254
	90 kW	209	218	227	246	262	282	286
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	200	200	225	250	250	300	300
	90 kW	225	225	250	250	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	233	236
	60 kW	175	182	189	204	218	233	236
	75 kW	184	193	201	221	237	256	260
	90 kW	215	224	233	252	268	288	292
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	200	200	225	250	250	300	300
	90 kW	225	225	250	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	238	241
	60 kW	180	187	194	209	222	238	241
	75 kW	190	199	207	227	243	262	266
	90 kW	221	230	239	258	274	294	298
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	200	225	250	300	300	300
	90 kW	225	250	250	300	300	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	239	242
	60 kW	181	188	195	210	223	239	242
	75 kW	191	200	209	228	244	264	268
	90 kW	222	232	240	259	276	295	299
Electric Heat With 50% High Static Power Exhaust (1) 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	200	200	225	250	300	300	300
	90 kW	225	250	250	300	300	350	350



ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Mtor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 3 hp	30 kW	191	199	205	221	234	249	253
	45 kW	191	199	205	221	234	249	253
	60 kW	191	199	205	221	234	249	253
	75 kW	204	214	222	241	258	277	281
	90 kW	235	245	253	272	289	308	312
Electric Heat With 100% High Static Power Exhaust (2) 3 hp	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	225	225	225	250	300	300	350
	90 kW	250	250	300	300	300	350	350
Electric Heat with 50% High Static Power Exhaust (1) 5 hp	30 kW	187	194	201	216	229	245	248
	45 kW	187	194	201	216	229	245	248
	60 kW	187	194	201	216	229	245	248
	75 kW	199	208	216	235	252	271	275
	90 kW	230	3	247	267	283	302	306
Electric Heat with 50% High Static Power Exhaust (1) 5 hp	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	200	225	225	250	300	300	300
	90 kW	250	250	250	300	300	350	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp	30 kW	203	211	218	233	246	262	265
	45 kW	203	211	218	233	246	262	265
	60 kW	203	211	218	233	246	262	265
	75 kW	219	229	237	256	273	292	296
	90 kW	251	260	268	288	304	323	327
Electric Heat with 100% High Static Power Exhaust (2) 5 hp	30 kW	225	225	250	250	300	300	350
	45 kW	225	225	250	250	300	300	350
	60 kW	225	225	250	250	300	300	350
	75 kW	225	250	250	300	300	350	350
	90 kW	300	300	300	300	350	350	350
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp	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	208	217	226	245	261	281	285
	90 kW	239	249	257	276	293	312	316
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp	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	225	225	250	250	300	300	350
	90 kW	250	250	300	300	300	350	350



ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Mtor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp	30 kW	218	226	233	248	261	277	280
	45 kW	218	226	233	248	261	277	280
	Minimum Circuit Ampacity (amps)	218	226	233	248	261	280	284
	75 kW	238	248	256	275	292	311	315
	90 kW	269	279	287	306	323	342	346
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp	30 kW	250	250	250	300	300	350	350
	45 kW	250	250	250	300	300	350	350
	Maximum Overcurrent Protection (amps)	250	250	250	300	300	350	350
	75 kW	250	250	300	300	300	350	350
	90 kW	300	300	300	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)	30 kW	170	178	184	200	213	228	231
	45 kW	170	178	184	200	213	229	233
	60 kW	170	178	184	203	219	238	242
	75 kW	202	211	219	239	255	274	278
	90 kW	238	247	255	275	291	310	214
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	250	250	300	300	350
	90 kW	250	250	300	300	350	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	189	209	225	244	248
	75 kW	208	217	225	245	261	280	284
	90 kW	244	253	261	281	297	316	320
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	350	350
	90 kW	250	300	300	300	350	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	267	287	303	322	326
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	175	200	200	225	250	250	250
	60 kW	200	200	200	250	250	300	300
	75 kW	225	225	250	300	300	350	350
	90 kW	250	300	300	300	350	350	400
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	197	216	232	252	256
	75 kW	215	224	233	252	268	288	292
	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	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	300	300	350	350
	90 kW	300	300	300	300	350	350	400



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	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 100% High Static Power Exhaust (2) 3 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	400	400
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30 kW	187	194	201	216	229	245	248
	45 kW	187	194	201	216	231	250	254
	60 kW	187	196	204	223	240	259	263
	75 kW	223	232	240	260	276	295	299
	90 kW	259	268	276	296	312	331	335
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	350	350
	90 kW	300	300	300	300	350	400	400
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	30 kW	203	211	218	233	246	262	265
	45 kW	203	211	218	235	252	271	275
	60 kW	207	217	225	244	261	280	284
	75 kW	244	253	261	280	297	316	320
	90 kW	280	289	297	316	333	352	356
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30 kW	225	225	250	250	300	300	350
	45 kW	225	225	250	250	300	300	350
	60 kW	225	225	250	250	300	300	350
	75 kW	250	300	300	300	300	350	350
	90 kW	300	300	300	350	350	400	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	240	260	264
	60 kW	196	205	214	233	249	269	273
	75 kW	232	241	250	269	285	305	309
	90 kW	268	277	286	305	321	341	345
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	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 With 100% High Static Power Exhaust (2) 7.5 hp	30 kW	218	226	233	248	261	277	280	
	45 kW	218	227	235	254	271	290	294	
	Minimum Circuit Ampacity (amps)	60 kW	226	236	244	263	280	299	303
	75 kW	262	272	280	299	316	335	339	
	90 kW	298	308	316	335	352	371	375	
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp	30 kW	250	250	250	300	300	350	350	
	45 kW	250	250	250	300	300	350	350	
	Maximum Overcurrent Protection (amps)	60 kW	250	250	250	300	300	350	350
	75 kW	300	300	300	300	350	350	400	
	90 kW	300	350	350	350	400	400	400	



ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Mtor 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	100	106	113	114
	45	87	90	93	100	106	113	114
	60	87	90	93	100	106	115	116
	75	100	104	108	117	124	133	134
	90	118	123	126	135	143	151	153
	105	136	141	144	153	161	169	171
	120	154	159	162	171	179	187	189
	135	172	177	180	189	197	205	207
Electric Heat Without Power Exhaust Maximum Overcurrent Protection (amps)	30	100	100	100	110	125	150	150
	45	100	100	100	110	125	150	150
	60	100	100	100	110	125	150	150
	75	100	110	110	125	150	150	150
	90	125	125	150	150	150	175	175
	105	150	150	150	175	175	200	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	89	93	96	103	109	116	117
	45	89	93	96	103	109	116	117
	60	89	93	96	103	109	118	119
	75	103	107	111	120	127	136	137
	90	121	126	129	138	146	154	156
	105	139	144	147	156	164	172	174
	120	157	162	165	174	182	190	192
	135	175	180	183	192	200	208	210
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	200	200
	120	175	175	175	175	200	200	225
	135	175	200	200	200	225	225	225
150	200	200	225	225	225	250	250	



ENGINEERING DATA SUPPLEMENT		460V-3ph							
		Supply Air Blower Mtor hp							
Electric Heat Size		5	7.5	10	15	20	25	30	
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp	30	92	95	98	105	111	118	119	
	45	92	95	98	105	111	118	119	
	Minimum Circuit Ampacity (amps)	60	92	95	98	105	112	121	122
	75	106	110	114	123	130	139	140	
	90	124	129	132	141	149	157	159	
	105	142	147	150	159	167	175	177	
	120	160	165	168	177	185	193	195	
	135	178	183	186	195	203	211	213	
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp	30	100	110	110	125	125	150	150	
	45	100	110	110	125	125	150	150	
	Maximum Overcurrent Protection (amps)	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	200	200	
	120	175	175	175	200	200	225	225	
	135	200	200	200	200	225	225	225	
Electric Heat With 50% High Static Power Exhaust (1) 3 hp	30	92	95	98	105	111	118	119	
	45	92	95	98	105	111	118	119	
	Minimum Circuit Ampacity (amps)	60	92	95	98	105	112	121	122
	75	106	110	114	123	130	139	140	
	90	124	129	132	141	149	157	159	
	105	142	147	150	159	167	175	177	
	120	160	165	168	177	185	193	195	
	135	178	183	186	195	203	211	213	
Electric Heat With 50% High Static Power Exhaust (1) 3 hp	30	100	110	110	125	125	150	150	
	45	100	110	110	125	125	150	150	
	Maximum Overcurrent Protection (amps)	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	200	200	
	120	175	175	175	200	200	225	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 Mtor 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	97	100	103	110	116	123	124
	45	97	100	103	110	116	123	124
	60	97	100	103	111	118	127	128
	75	112	116	120	129	136	145	146
	90	130	135	138	147	155	163	165
	105	148	153	156	165	173	181	183
	120	166	171	174	183	191	199	201
	135	184	189	192	201	209	217	219
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	150	175	175	175	175	200	200
	120	175	175	175	200	200	225	225
	135	200	200	200	225	225	225	250
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30	95	98	101	108	114	121	122
	45	95	98	101	108	114	121	122
	60	95	98	101	108	116	125	126
	75	110	114	118	126	134	143	144
	90	128	132	136	145	152	161	162
	105	146	150	154	163	170	179	180
	120	164	168	172	181	188	197	198
	135	182	186	190	199	206	215	216
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	110	125	125	150	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	225	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 Mtor 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	106	109	116	122	129	130
	45	102	106	109	116	122	130	131
	60	102	106	109	118	125	134	135
	75	119	123	127	136	143	152	153
	90	137	142	145	154	162	170	172
	105	155	160	163	172	180	188	190
	120	173	178	181	190	198	206	208
	135	191	196	199	208	216	224	226
Electric Heat with 100% High Static Power Exhaust (2) 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	150	150	150	175	175
	90	150	150	150	175	175	200	200
	105	175	175	175	175	200	200	200
	120	175	200	200	200	200	225	225
	135	200	200	200	225	225	250	250
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	30	98	101	104	111	117	124	125
	45	98	101	104	111	117	124	126
	60	98	101	104	113	120	129	130
	75	114	118	122	131	138	147	148
	90	132	136	140	149	156	165	166
	105	150	154	158	167	174	183	184
	120	168	172	176	185	192	201	202
	135	186	190	194	203	210	219	220
Electric Heat with 50% High Static Power Exhaust (1) 7.5 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	175	175
	90	150	150	150	150	175	175	175
	105	150	175	175	175	175	200	200
	120	175	175	200	200	200	225	225
	135	200	200	200	225	225	250	250
150	225	225	225	225	250	250	250	



ENGINEERING DATA SUPPLEMENT

460V-3ph

Supply Air Blower Mtor 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	109	112	115	122	128	135	136
		45	109	112	115	122	129	138	139
		60	110	114	118	126	134	143	144
		75	128	132	136	144	152	161	162
		90	146	150	154	163	170	179	180
		105	164	168	172	181	188	197	198
		120	182	186	190	199	206	215	216
		135	200	204	208	217	224	233	234
	150	218	222	226	235	242	251	252	
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp	Maximum Overcurrent Protection (amps)	30	125	125	125	125	150	150	175
		45	125	125	125	125	150	150	175
		60	125	125	125	125	150	150	175
		75	150	150	150	150	175	175	175
		90	150	150	175	175	175	200	200
		105	175	175	175	200	200	225	225
		120	200	200	200	200	225	225	225
		135	200	225	225	225	225	250	250
	150	225	225	250	250	250	300	300	



ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Mtor 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	105	111	118	119
	45	92	95	98	105	111	118	119
	60	92	95	98	105	111	118	119
	75	100	104	108	117	124	133	134
	90	118	123	126	135	143	151	153
	105	136	141	144	153	161	169	171
	120	154	159	162	171	179	187	189
	135	172	177	180	189	197	205	207
Electric Heat Without Power Exhaust 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	100	110	110	125	150	150	150
	90	125	125	150	150	150	175	175
	105	150	150	150	175	175	200	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	107	113	120	121
	45	94	97	100	107	113	120	121
	60	94	97	100	107	113	120	121
	75	103	107	111	120	127	136	137
	90	121	126	129	138	146	154	156
	105	139	144	147	156	164	172	174
	120	157	162	165	174	182	190	192
	135	175	180	183	192	200	208	210
Electric Heat With 50% Standard Static Power Exhaust (1) 1 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	110	110	125	125	150	150	150
	90	125	150	150	150	150	175	175
	105	150	150	150	175	175	200	200
	120	175	175	175	175	200	200	225
	135	175	200	200	200	225	225	225
150	200	200	225	225	225	250	250	



ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Mtor 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	110	116	123	124
	45	96	100	103	110	116	123	124
	60	96	100	103	110	116	123	124
	75	106	110	114	123	130	139	140
	90	124	129	132	141	149	157	159
	105	142	147	150	159	167	175	177
	120	160	165	168	177	185	193	195
	135	178	183	186	195	203	211	213
Electric Heat With 100% Standard Static Power Exhaust (2) 1 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	110	110	125	125	150	150	150
	90	125	150	150	150	150	175	175
	105	150	150	150	175	175	200	200
	120	175	175	175	200	200	225	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	110	116	123	124
	45	96	100	103	110	116	123	124
	60	96	100	103	110	116	123	124
	75	106	110	114	123	130	139	140
	90	124	129	132	141	149	157	159
	105	142	147	150	159	167	175	177
	120	160	165	168	177	185	193	195
	135	178	183	186	195	203	211	213
Electric Heat With 50% High Static Power Exhaust (1) 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	110	110	125	125	150	150	150
	90	125	150	150	150	150	175	175
	105	150	150	150	175	175	200	200
	120	175	175	175	200	200	225	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 Mtor 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	115	121	128	129
	45	101	105	108	115	121	128	129
	60	101	105	108	115	121	128	129
	75	112	116	120	129	136	145	146
	90	130	135	138	147	155	163	165
	105	148	153	156	165	173	181	183
	120	166	171	174	183	191	199	201
	135	184	189	192	201	209	217	219
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	150	175	175	175	175	200	200
	120	175	175	175	200	200	225	225
	135	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	113	119	126	127
	45	99	103	106	113	119	126	127
	60	99	103	106	113	119	126	127
	75	110	114	118	126	134	143	144
	90	128	132	136	145	152	161	162
	105	146	150	154	163	170	179	180
	120	164	168	172	181	188	197	198
	135	182	186	190	199	206	215	216
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	110	125	125	150	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	225	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 Mtor 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	120	126	133	134
	45	107	110	113	120	126	133	134
	60	107	110	113	120	126	134	135
	75	119	123	127	136	143	152	153
	90	137	142	145	154	162	170	172
	105	155	160	163	172	180	188	190
	120	173	178	181	190	198	206	208
	135	191	196	199	208	216	224	226
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	125	150	150	150	175	175
	90	150	150	150	175	175	200	200
	105	175	175	175	175	200	200	200
	120	175	200	200	200	200	225	225
	135	200	200	200	225	225	250	250
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	30	103	106	109	116	122	129	130
	45	103	106	109	116	122	129	130
	60	103	106	109	116	122	129	130
	75	114	118	122	131	138	147	148
	90	132	136	140	149	156	165	166
	105	150	154	158	167	174	183	184
	120	168	172	176	185	192	201	202
	135	186	190	194	203	210	219	220
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	175	175
	90	150	150	150	150	175	175	175
	105	150	175	175	175	175	200	200
	120	175	175	200	200	200	225	225
	135	200	200	200	225	225	250	250
150	225	225	225	225	250	250	250	



ENGINEERING DATA SUPPLEMENT

460V-3ph

Supply Air Blower Mtor 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	127	133	140	141
		45	114	117	120	127	133	140	141
		60	114	117	120	127	134	143	144
		75	128	132	136	144	152	161	162
		90	146	150	154	163	170	179	180
		105	164	168	172	181	188	197	198
		120	182	186	190	199	206	215	216
		135	200	204	208	217	224	233	234
	150	218	222	226	235	242	251	252	
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp	Maximum Overcurrent Protection (amps)	30	125	125	125	125	150	175	175
		45	125	125	125	125	150	175	175
		60	125	125	125	150	150	175	175
		75	150	150	150	150	175	175	175
		90	150	150	175	175	175	200	200
		105	175	175	175	200	200	225	225
		120	200	200	200	200	225	225	225
		135	200	225	225	225	225	250	250
	150	225	225	250	250	250	300	300	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Mtor 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	80	85	92	98
	75	80	84	86	94	100	106	113
	90	95	98	101	108	115	121	127
	105	109	113	115	123	129	135	141
	120	124	127	130	137	143	150	156
	135	138	142	144	152	158	164	170
Electric Heat Without Power Exhaust Maximum Overcurrent Protection (amps)	30	80	80	80	90	100	110	125
	45	80	90	90	100	110	125	125
	60	90	90	100	110	125	125	150
	75	100	110	110	125	150	150	150
	90	125	125	150	150	150	175	175
	105	150	150	150	175	175	200	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	71	74	76	82	87	92	97
	45	71	74	76	82	87	92	97
	60	71	74	76	82	88	94	101
	75	83	86	89	96	103	109	115
	90	97	101	103	111	117	123	130
	105	112	115	118	125	131	138	144
	120	126	130	132	140	146	152	158
	135	141	144	147	154	160	167	173
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30	80	80	80	90	110	110	125
	45	80	80	80	90	110	110	125
	60	80	80	80	90	110	110	125
	75	90	90	90	110	110	125	125
	90	100	110	110	125	125	125	150
	105	125	125	125	125	150	150	175
	120	150	150	150	150	150	175	175
	135	150	150	150	175	175	175	200
150	175	175	175	175	175	200	200	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Mtor 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	71	74	76	82	87	92	97
	45	71	74	76	82	87	93	100
	60	71	74	77	84	91	97	103
	75	85	89	91	99	105	111	118
	90	100	103	106	113	120	126	132
	105	114	118	120	128	134	140	146
	120	129	132	135	142	148	155	161
	135	143	147	149	157	163	169	175
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30	80	80	80	100	110	110	125
	45	80	80	80	100	110	110	125
	60	80	80	80	100	110	110	125
	75	90	90	100	110	125	125	125
	90	100	110	110	125	125	150	150
	105	125	125	125	150	150	150	175
	120	150	150	150	150	150	175	175
	135	150	150	150	175	175	175	200
Electric Heat With 50% High Static Power Exhaust (1) 3 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	91	97	103
	75	85	89	91	99	105	111	118
	90	100	103	106	113	119	126	132
	105	114	118	120	128	134	140	146
	120	128	132	135	142	148	155	161
	135	143	147	149	157	163	169	175
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30	80	80	80	100	110	110	125
	45	80	80	80	100	110	110	125
	60	80	80	80	100	110	110	125
	75	90	90	100	110	125	125	125
	90	100	110	110	125	125	150	150
	105	125	125	125	150	150	150	175
	120	150	150	150	150	150	175	175
	135	150	150	150	175	175	175	200
150	175	175	175	175	200	200	200	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Mtor 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	77	80	82	88	93	98	103
	45	77	80	82	88	93	98	104
	60	77	80	82	89	95	102	108
	75	90	94	96	104	110	116	122
	90	104	108	111	118	124	131	137
	105	119	122	125	132	139	145	151
	120	133	137	139	147	153	159	166
	135	148	151	154	161	168	174	180
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30	80	90	90	100	110	125	125
	45	80	90	90	100	110	125	125
	60	80	90	90	100	110	125	125
	75	90	100	100	110	125	125	150
	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 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30	75	78	80	86	91	96	101
	45	75	78	80	86	91	96	102
	60	75	78	80	87	93	100	106
	75	88	92	94	102	108	114	120
	90	102	106	108	116	122	128	135
	105	117	120	123	130	137	143	149
	120	131	135	137	145	151	157	164
	135	146	149	152	159	166	172	178
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30	80	80	90	100	110	125	125
	45	80	80	90	100	110	125	125
	60	80	80	90	100	110	125	125
	75	90	100	100	110	125	125	150
	90	110	110	110	125	125	150	150
	105	125	125	125	150	150	150	175
	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 Mtor 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	92	97	102	107
	45	81	84	86	92	97	104	110
	60	81	85	87	95	101	107	113
	75	96	99	102	109	115	122	128
	90	110	114	116	124	130	136	142
	105	124	128	130	138	144	150	157
	120	139	142	145	152	159	165	171
	135	153	157	159	167	173	179	186
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30	90	90	90	100	110	125	125
	45	90	90	90	100	110	125	125
	60	90	90	90	100	110	125	125
	75	100	100	110	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	200
	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	89	94	99	104
	45	78	81	83	89	94	100	106
	60	78	81	83	91	97	103	109
	75	92	95	98	105	111	118	124
	90	106	110	112	120	126	132	138
	105	120	124	126	134	140	146	153
	120	135	138	141	148	155	161	167
	135	149	153	155	163	169	175	182
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	30	80	90	90	100	110	125	125
	45	80	90	90	100	110	125	125
	60	80	90	90	100	110	125	125
	75	100	100	100	110	125	125	150
	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	225	



ENGINEERING DATA SUPPLEMENT

575V-3ph

Supply Air Blower Mtor 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	87	90	92	98	103	108	113
		45	87	90	92	98	105	111	117
		60	88	92	94	102	108	114	121
		75	103	106	109	116	123	129	135
		90	117	121	123	131	137	143	150
		105	132	135	138	145	151	158	164
		120	146	150	152	160	166	172	178
		135	161	164	167	174	180	187	193
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp	Maximum Overcurrent Protection (amps)	30	100	100	110	110	125	125	125
		45	100	100	110	110	125	125	125
		60	100	100	110	110	125	125	125
		75	110	110	110	125	125	150	150
		90	125	125	125	150	150	150	175
		105	150	150	150	150	175	175	175
		120	150	150	175	175	175	175	200
		135	175	175	175	175	200	200	200
	150	175	200	200	200	200	225	225	



ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Mtor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	45 kW	200	207	214	229	252	258	261
	60 kW	200	207	214	229	252	258	261
	75 kW	200	207	214	229	252	258	261
	90 kW	209	218	227	246	262	282	286
Electric Heat Without Power Exhaust Maximum Overcurrent Protection (amps)	45 kW	225	225	250	250	300	300	300
	60 kW	225	225	250	250	300	300	300
	75 kW	225	225	250	250	300	300	300
	90 kW	225	225	250	250	300	350	350
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	45 kW	205	212	219	234	247	263	266
	60 kW	205	212	219	234	247	263	266
	75 kW	205	212	219	234	247	263	266
	90 kW	215	224	233	252	268	288	292
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	45 kW	225	225	250	250	300	300	350
	60 kW	225	225	250	250	300	300	350
	75 kW	225	225	250	250	300	300	350
	90 kW	225	225	250	300	300	350	350
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	45 kW	209	217	223	239	252	267	271
	60 kW	209	217	223	239	252	267	271
	75 kW	209	217	223	239	252	267	271
	90 kW	221	230	239	258	274	294	298
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	45 kW	225	250	250	250	300	350	350
	60 kW	225	250	250	250	300	350	350
	75 kW	225	250	250	250	300	350	350
	90 kW	225	250	250	300	300	350	350
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	45 kW	210	218	224	240	253	268	272
	60 kW	210	218	224	240	253	268	272
	75 kW	210	218	224	240	253	268	272
	90 kW	222	232	240	259	276	295	299
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	45 kW	225	250	250	250	300	350	350
	60 kW	225	250	250	250	300	350	350
	75 kW	225	250	250	250	300	350	350
	90 kW	225	250	250	300	300	350	350
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	45 kW	221	228	235	250	264	279	282
	60 kW	221	228	235	250	264	279	282
	75 kW	221	228	235	250	264	279	282
	90 kW	235	245	253	272	289	308	312
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	45 kW	250	250	250	250	300	350	350
	60 kW	250	250	250	250	300	350	350
	75 kW	250	250	250	250	300	350	350
	90 kW	250	250	300	300	300	350	350



ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Mtor 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	216	224	231	246	259	275	278
	60 kW	216	224	231	246	259	275	278
	75 kW	216	224	231	246	259	275	278
	90 kW	230	239	247	267	283	302	306
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	45 kW	250	250	250	250	300	350	350
	60 kW	250	250	250	250	300	350	350
	75 kW	250	250	250	250	300	350	350
	90 kW	250	250	250	300	300	350	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	45 kW	233	241	247	263	276	291	294
	60 kW	233	241	247	263	276	291	294
	75 kW	233	241	247	263	276	292	296
	90 kW	251	260	268	288	304	323	327
Electric Heat with 100% High Static Power Exhaust (2) 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	250	250	300	300	350	350
	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	224	231	238	253	267	282	285
	60 kW	224	231	238	253	267	282	285
	75 kW	224	231	238	253	267	282	285
	90 kW	239	249	257	276	293	312	316
Electric Heat with 50% High Static Power Exhaust (1) 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	250	250	300	300	350	350
	90 kW	250	250	300	300	300	350	350
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	45 kW	248	256	262	278	291	306	309
	60 kW	248	256	262	278	291	306	309
	75 kW	248	256	262	278	292	311	315
	90 kW	269	279	287	306	323	342	346
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	45 kW	250	300	300	300	350	350	350
	60 kW	250	300	300	300	350	350	350
	75 kW	250	300	300	300	350	350	350
	90 kW	300	300	300	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	200	207	214	229	242	258	261
	60 kW	200	207	214	229	242	258	261
	75 kW	202	211	219	239	255	274	278
	90 kW	238	247	255	275	291	310	214
Electric Heat Without Power Exhaust Maximum Overcurrent Protection (amps)	45 kW	225	225	250	250	300	300	300
	60 kW	225	225	250	250	300	300	300
	75 kW	225	225	250	250	300	300	350
	90 kW	250	250	300	300	350	350	350
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	45 kW	205	212	219	234	247	263	266
	60 kW	205	212	219	234	247	263	266
	75 kW	208	217	225	245	261	280	284
	90 kW	244	253	261	281	297	316	320
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	45 kW	225	225	250	250	300	300	350
	60 kW	225	225	250	250	300	300	350
	75 kW	225	225	250	250	300	350	350
	90 kW	250	300	300	300	350	350	350
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	45 kW	209	217	223	239	252	267	271
	60 kW	209	217	223	239	252	267	271
	75 kW	214	223	231	251	267	286	290
	90 kW	250	259	267	287	303	322	326
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	45 kW	225	250	250	250	300	350	350
	60 kW	225	250	250	250	300	350	350
	75 kW	225	250	250	300	300	350	350
	90 kW	250	300	300	300	350	350	400
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	45 kW	210	218	224	240	253	268	272
	60 kW	210	218	224	240	253	268	272
	75 kW	215	224	233	252	268	288	292
	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	225	250	250	250	300	350	350
	60 kW	225	250	250	250	300	350	350
	75 kW	225	250	250	300	300	350	350
	90 kW	300	300	300	300	350	350	400
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	45 kW	221	228	235	250	264	279	282
	60 kW	221	228	235	250	264	279	282
	75 kW	228	238	246	265	282	301	305
	90 kW	264	274	282	301	318	337	341
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	45 kW	250	250	250	250	300	350	350
	60 kW	250	250	250	250	300	350	350
	75 kW	250	250	250	300	300	350	350
	90 kW	300	300	300	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 with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	45 kW	216	224	231	246	259	275	278
	60 kW	216	224	231	246	259	275	278
	75 kW	223	232	240	260	276	295	299
	90 kW	259	268	276	296	312	331	335
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	45 kW	250	250	250	250	300	350	350
	60 kW	250	250	250	250	300	350	350
	75 kW	250	250	250	300	300	350	350
	90 kW	300	300	300	300	350	400	400
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	45 kW	233	241	247	263	276	291	294
	60 kW	233	241	247	263	276	291	294
	75 kW	244	253	261	280	297	316	320
	90 kW	280	289	297	316	333	352	356
Electric Heat with 100% High Static Power Exhaust (2) 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	400	400
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	45 kW	224	231	238	253	267	282	285
	60 kW	224	231	238	253	267	282	285
	75 kW	232	241	250	269	285	305	309
	90 kW	268	277	286	305	321	341	345
Electric Heat with 50% High Static Power Exhaust (1) 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	250	250	300	300	350	350
	90 kW	300	300	300	350	350	400	400
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	45 kW	248	256	262	278	291	306	309
	60 kW	248	256	262	278	291	306	309
	75 kW	262	272	280	299	316	335	339
	90 kW	298	308	316	335	352	371	375
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	45 kW	250	300	300	300	350	350	350
	60 kW	250	300	300	300	350	350	350
	75 kW	300	300	300	300	350	350	400
	90 kW	300	350	350	350	400	400	400



ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Mtor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	45	94	98	101	108	114	121	122
	60	94	98	101	108	114	121	122
	75	100	104	108	117	124	133	134
	90	118	123	126	135	143	151	153
	105	136	141	144	153	161	169	171
	120	154	159	162	171	179	187	189
	135	172	177	180	189	197	205	207
	150	190	195	198	207	215	223	225
Electric Heat Without Power Exhaust Maximum Overcurrent Protection (amps)	45	110	110	110	125	125	150	150
	60	110	110	110	125	125	150	150
	75	110	110	110	125	150	150	150
	90	125	125	150	150	150	175	175
	105	150	150	150	175	175	200	200
	120	175	175	175	175	200	200	200
	135	175	200	200	200	200	225	225
	150	200	200	200	225	225	250	250
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	45	97	100	103	110	116	123	124
	60	97	100	103	110	116	123	124
	75	103	107	111	120	127	136	137
	90	121	126	129	138	146	154	156
	105	139	144	147	156	164	172	174
	120	157	162	165	174	182	190	192
	135	175	180	183	192	200	208	210
	150	193	198	201	210	218	226	228
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	200	200
	120	175	175	175	175	200	200	225
	135	175	200	200	200	225	225	225
	150	200	200	225	225	225	250	250
165	225	225	225	250	250	250	250	



ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Mtor 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	99	102	105	112	118	125	126
	60	99	102	105	112	118	125	126
	75	106	110	114	123	130	139	140
	90	124	129	132	141	149	157	159
	105	142	147	150	159	167	175	177
	120	160	165	168	177	185	193	195
	135	178	183	186	195	203	211	213
	150	196	201	204	213	221	229	231
Electric Heat With 100% Standard Static Power Exhaust (2) 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	200	200
	120	175	175	175	200	200	225	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	99	102	105	112	118	125	126
	60	99	102	105	112	118	125	126
	75	106	110	114	123	130	139	140
	90	124	129	132	141	149	157	159
	105	142	147	150	159	167	175	177
	120	160	165	168	177	185	193	195
	135	178	183	186	195	203	211	213
	150	196	201	204	213	221	229	231
Electric Heat With 50% High Static Power Exhaust (1) 3 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	200	200
	120	175	175	175	200	200	225	225
	135	200	200	200	200	225	225	225
	150	200	225	225	225	225	250	250
165	225	225	225	250	250	250	250	



ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Mtor 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	104	107	110	117	123	130	131
	60	104	107	110	117	123	130	131
	75	112	116	120	129	136	145	146
	90	130	135	138	147	155	163	165
	105	148	153	156	165	173	181	183
	120	166	171	174	183	191	199	201
	135	184	189	192	201	209	217	219
	150	202	207	210	219	227	235	237
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	150	175	175	175	175	200	200
	120	175	175	175	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	102	105	108	115	121	128	129
	60	102	105	108	115	121	128	129
	75	110	114	118	126	134	143	144
	90	128	132	136	145	152	161	162
	105	146	150	154	163	170	179	180
	120	164	168	172	181	188	197	198
	135	182	186	190	199	206	215	216
	150	200	204	208	217	224	233	234
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	110	125	125	150	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	225	225
	135	200	200	200	200	225	225	225
	150	200	225	225	225	225	250	250
165	225	225	250	250	250	300	300	



ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Mtor 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	109	113	116	123	129	136	137
	60	109	113	116	123	129	136	137
	75	119	123	127	136	143	152	153
	90	137	142	145	154	162	170	172
	105	155	160	163	172	180	188	190
	120	173	178	181	190	198	206	208
	135	191	196	199	208	216	224	226
	150	209	214	217	226	234	242	244
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	45	125	125	125	125	150	150	175
	60	125	125	125	125	150	150	175
	75	125	125	150	150	150	175	175
	90	150	150	150	175	175	200	200
	105	175	175	175	175	200	200	200
	120	175	200	200	200	200	225	225
	135	200	200	200	225	225	250	250
	150	225	225	225	250	250	250	250
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	45	105	109	112	119	125	132	133
	60	105	109	112	119	125	132	133
	75	114	118	122	131	138	147	148
	90	132	136	140	149	156	165	166
	105	150	154	158	167	174	183	184
	120	168	172	176	185	192	201	202
	135	186	190	194	203	210	219	220
	150	204	208	212	221	228	237	238
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	175	175
	90	150	150	150	150	175	175	175
	105	150	175	175	175	175	200	200
	120	175	175	200	200	200	225	225
	135	200	200	200	225	225	250	250
	150	225	225	225	225	250	250	250
165	225	250	250	250	250	300	300	



ENGINEERING DATA SUPPLEMENT

460V-3ph

Supply Air Blower Mtor 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	116	120	123	130	136	143	144
		60	116	120	123	130	136	143	144
		75	128	132	136	144	152	161	162
		90	146	150	154	163	170	179	180
		105	164	168	172	181	188	197	198
		120	182	186	190	199	206	215	216
		135	200	204	208	217	224	233	234
		150	218	222	226	235	242	251	252
	165	236	240	244	253	260	269	270	
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp	Maximum Overcurrent Protection (amps)	45	125	125	125	150	150	175	175
		60	125	125	125	150	150	175	175
		75	150	150	150	150	175	175	175
		90	150	150	175	175	175	200	200
		105	175	175	175	200	200	225	225
		120	200	200	200	200	225	225	225
		135	200	225	225	225	225	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 Mtor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	45	70	73	75	81	86	91	96
	60	70	73	75	81	86	92	98
	75	80	84	86	94	100	106	113
	90	95	98	101	108	115	121	127
	105	109	113	115	123	129	135	141
	120	124	127	130	137	143	150	156
	135	138	142	144	152	158	164	170
	150	152	156	159	166	172	179	185
Electric Heat Without Power Exhaust Maximum Overcurrent Protection (amps)	45	80	90	90	100	110	125	125
	60	90	90	100	110	125	125	150
	75	100	110	110	125	150	150	150
	90	125	125	150	150	150	175	175
	105	150	150	150	175	175	200	200
	120	175	175	175	175	200	200	200
	135	175	200	200	200	200	225	225
	150	200	200	200	225	225	250	250
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	45	72	75	77	83	88	93	98
	60	72	75	77	83	88	94	101
	75	83	86	89	96	103	109	115
	90	97	101	103	111	117	123	130
	105	112	115	118	125	131	138	144
	120	126	130	132	140	146	152	158
	135	141	144	147	154	160	167	173
	150	155	159	161	169	175	181	187
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	45	80	80	80	100	110	110	125
	60	80	80	80	100	110	110	125
	75	90	90	90	110	110	125	125
	90	100	110	110	125	125	125	150
	105	125	125	125	125	150	150	175
	120	150	150	150	150	150	175	175
	135	150	150	150	175	175	175	200
	150	175	175	175	175	175	200	200
165	175	175	200	200	200	200	225	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Mtor 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	74	77	79	85	90	95	100
	60	74	77	79	85	91	97	103
	75	85	89	91	99	105	111	118
	90	100	103	106	113	120	126	132
	105	114	118	120	128	134	140	146
	120	129	132	135	142	148	155	161
	135	143	147	149	157	163	169	175
	150	157	161	164	171	177	184	190
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	45	80	80	90	100	110	110	125
	60	80	80	90	100	110	110	125
	75	90	90	100	110	125	125	125
	90	100	110	110	125	125	150	150
	105	125	125	125	150	150	150	175
	120	150	150	150	150	150	175	175
	135	150	150	150	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	74	77	79	85	90	95	100
	60	74	77	79	85	91	97	103
	75	85	89	91	99	105	111	118
	90	100	103	106	113	119	126	132
	105	114	118	120	128	134	140	146
	120	128	132	135	142	148	155	161
	135	143	147	149	157	163	169	175
	150	157	161	163	171	177	183	190
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	45	80	80	90	100	110	110	125
	60	80	80	90	100	110	110	125
	75	90	90	100	110	125	125	125
	90	100	110	110	125	125	150	150
	105	125	125	125	150	150	150	175
	120	150	150	150	150	150	175	175
	135	150	150	150	175	175	175	200
	150	175	175	175	175	200	200	200
165	175	175	200	200	200	200	225	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Mtor 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	78	81	83	89	94	99	104
	60	78	81	83	89	95	102	108
	75	90	94	96	104	110	116	122
	90	104	108	111	118	124	131	137
	105	119	122	125	132	139	145	151
	120	133	137	139	147	153	159	166
	135	148	151	154	161	168	174	180
	150	162	166	168	176	182	188	195
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	45	80	90	90	100	110	125	125
	60	80	90	90	100	110	125	125
	75	90	100	100	110	125	125	150
	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
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	45	76	79	81	87	92	97	102
	60	76	79	81	87	93	100	106
	75	88	92	94	102	108	114	120
	90	102	106	108	116	122	128	135
	105	117	120	123	130	137	143	149
	120	131	135	137	145	151	157	164
	135	146	149	152	159	166	172	178
	150	160	164	166	174	180	186	192
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	45	80	90	90	100	110	125	125
	60	80	90	90	100	110	125	125
	75	90	100	100	110	125	125	150
	90	110	110	110	125	125	150	150
	105	125	125	125	150	150	150	175
	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	225	225	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Mtor 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	82	85	87	93	98	103	108
	60	82	85	87	95	101	107	113
	75	96	99	102	109	115	122	128
	90	110	114	116	124	130	136	142
	105	124	128	130	138	144	150	157
	120	139	142	145	152	159	165	171
	135	153	157	159	167	173	179	186
	150	168	171	174	181	188	194	200
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	45	90	90	90	110	110	125	125
	60	90	90	90	110	110	125	125
	75	100	100	110	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	200
	135	175	175	175	175	175	200	200
	150	175	175	175	200	200	200	225
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	45	79	82	84	90	95	100	106
	60	79	82	84	91	97	103	109
	75	92	95	98	105	111	118	124
	90	106	110	112	120	126	132	138
	105	120	124	126	134	140	146	153
	120	135	138	141	148	155	161	167
	135	149	153	155	163	169	175	182
	150	164	167	170	177	184	190	196
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	45	90	90	90	100	110	125	125
	60	90	90	90	100	110	125	125
	75	100	100	100	110	125	125	150
	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	225
165	200	200	200	200	200	225	225	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Mtor 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	88	91	93	99	104	109	114
	60	88	92	94	102	108	114	121
	75	103	106	109	116	123	129	135
	90	117	121	123	131	137	143	150
	105	132	135	138	145	151	158	164
	120	146	150	152	160	166	172	178
	135	161	164	167	174	180	187	193
	150	175	179	181	189	195	201	207
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	45	100	100	110	110	125	125	150
	60	100	100	110	110	125	125	150
	75	110	110	110	125	125	150	150
	90	125	125	125	150	150	150	175
	105	150	150	150	150	175	175	175
	120	150	150	175	175	175	175	200
	135	175	175	175	175	200	200	200
	150	175	200	200	200	200	225	225
165	200	200	200	225	225	225	225	



ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Mtor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	45 kW	222	229	236	251	265	280	283
	60 kW	222	229	236	251	265	280	283
	75 kW	222	229	236	251	265	280	283
	90 kW	222	229	236	251	265	282	286
Electric Heat Without Power Exhaust Maximum Overcurrent Protection (amps)	45 kW	250	250	250	250	300	350	350
	60 kW	250	250	250	250	300	350	350
	75 kW	250	250	250	250	300	350	350
	90 kW	250	250	250	250	300	350	350
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	45 kW	227	234	241	256	269	285	288
	60 kW	227	234	241	256	269	285	288
	75 kW	227	234	241	256	269	285	288
	90 kW	227	234	241	256	269	288	292
Electric Heat With 50% Standard Static Power Exhaust (1) 1 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	250	250	300	300	350	350
	90 kW	250	250	250	300	300	350	350
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	45 kW	231	239	246	261	274	290	293
	60 kW	231	239	246	261	274	290	293
	75 kW	231	239	246	261	274	290	293
	90 kW	231	239	246	261	274	294	298
Electric Heat With 100% Standard Static Power Exhaust (2) 1 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	250	250	300	300	350	350
	90 kW	250	250	250	300	300	350	350
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	45 kW	232	240	247	262	275	291	294
	60 kW	232	240	247	262	275	291	294
	75 kW	232	240	247	262	275	291	294
	90 kW	232	240	247	262	276	295	299
Electric Heat With 50% High Static Power Exhaust (1) 3 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	250	250	300	300	350	350
	90 kW	250	250	250	300	300	350	350
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	45 kW	243	251	257	273	286	301	304
	60 kW	243	251	257	273	286	301	304
	75 kW	243	251	257	273	286	301	304
	90 kW	243	251	257	273	289	308	312
Electric Heat With 100% High Static Power Exhaust (2) 3 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	250	250	300	300	350	350
	90 kW	250	250	300	300	300	350	350



ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Mtor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat with 50% High Static Power Exhaust (1) 5 hp	45 kW	239	246	253	268	281	297	300
	60 kW	239	246	253	268	281	297	300
	75 kW	239	246	253	268	281	297	300
	90 kW	239	246	253	268	283	302	306
Electric Heat with 50% High Static Power Exhaust (1) 5 hp	45 kW	250	250	250	300	300	350	350
	60 kW	250	250	250	300	300	350	350
	75 kW	250	250	250	300	300	350	350
	90 kW	250	250	250	300	300	350	350
Electric Heat with 100% High Static Power Exhaust (2) 5 hp	45 kW	255	263	269	285	298	313	317
	60 kW	255	263	269	285	298	313	317
	75 kW	255	263	269	285	298	313	317
	90 kW	255	263	269	288	304	323	327
Electric Heat with 100% High Static Power Exhaust (2) 5 hp	45 kW	250	300	300	300	350	350	400
	60 kW	250	300	300	300	350	350	400
	75 kW	250	300	300	300	350	350	400
	90 kW	300	300	300	300	350	350	400
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp	45 kW	246	254	260	276	289	304	307
	60 kW	246	254	260	276	289	304	307
	75 kW	246	254	260	276	289	304	307
	90 kW	246	254	260	276	293	312	316
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp	45 kW	250	250	300	300	350	350	350
	60 kW	250	250	300	300	350	350	350
	75 kW	250	250	300	300	350	350	350
	90 kW	250	250	300	300	350	350	350
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp	45 kW	270	278	284	300	313	328	332
	60 kW	270	278	284	300	313	328	332
	75 kW	270	278	284	300	313	328	332
	90 kW	270	279	287	306	323	342	346
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp	45 kW	300	300	300	300	350	400	400
	60 kW	300	300	300	300	350	400	400
	75 kW	300	300	300	300	350	400	400
	90 kW	300	300	300	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	222	229	236	251	265	280	283
	60 kW	222	229	236	251	265	280	283
	75 kW	222	229	236	251	265	280	283
	90 kW	238	247	255	275	291	310	214
Electric Heat Without Power Exhaust Maximum Overcurrent Protection (amps)	45 kW	250	250	250	250	300	350	350
	60 kW	250	250	250	250	300	350	350
	75 kW	250	250	250	250	300	350	350
	90 kW	250	250	300	300	350	350	350
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	45 kW	227	234	241	256	269	285	288
	60 kW	227	234	241	256	269	285	288
	75 kW	227	234	241	256	269	285	288
	90 kW	244	253	261	281	297	316	320
Electric Heat With 50% Standard Static Power Exhaust (1) 1 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	250	250	300	300	350	350
	90 kW	250	300	300	300	350	350	350
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	45 kW	231	239	246	261	274	290	293
	60 kW	231	239	246	261	274	290	293
	75 kW	231	239	246	261	274	290	293
	90 kW	250	259	267	287	303	322	326
Electric Heat With 100% Standard Static Power Exhaust (2) 1 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	250	250	300	300	350	350
	90 kW	250	300	300	300	350	350	400
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	45 kW	232	240	247	262	275	291	294
	60 kW	232	240	247	262	275	291	294
	75 kW	232	240	247	262	275	291	294
	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	250	250	250	300	300	350	350
	60 kW	250	250	250	300	300	350	350
	75 kW	250	250	250	300	300	350	350
	90 kW	300	300	300	300	350	350	400
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	45 kW	243	251	257	273	286	301	304
	60 kW	243	251	257	273	286	301	304
	75 kW	243	251	257	273	286	301	305
	90 kW	264	274	282	301	318	337	341
Electric Heat With 100% High Static Power Exhaust (2) 3 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	250	250	300	300	350	350
	90 kW	300	300	300	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 with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	45 kW	239	246	253	268	281	297	300
	60 kW	239	246	253	268	281	297	300
	75 kW	239	246	253	268	281	297	300
	90 kW	259	268	276	296	312	331	335
Electric Heat with 50% High Static Power Exhaust (1) 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	250	250	300	300	350	350
	90 kW	300	300	300	300	350	400	400
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	45 kW	255	263	269	285	298	313	317
	60 kW	255	263	269	285	298	313	317
	75 kW	255	263	269	285	298	316	320
	90 kW	280	289	297	316	333	352	356
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	45 kW	250	300	300	300	350	350	400
	60 kW	250	300	300	300	350	350	400
	75 kW	250	300	300	300	350	350	400
	90 kW	300	300	300	350	350	400	400
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	45 kW	246	254	260	276	289	304	307
	60 kW	246	254	260	276	289	304	307
	75 kW	246	254	260	276	289	305	309
	90 kW	268	277	286	305	321	341	345
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	45 kW	250	250	300	300	350	350	350
	60 kW	250	250	300	300	350	350	350
	75 kW	250	250	300	300	350	350	350
	90 kW	300	300	300	350	350	400	400
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	45 kW	270	278	284	300	313	328	332
	60 kW	270	278	284	300	313	328	332
	75 kW	270	278	284	300	316	335	339
	90 kW	298	308	316	335	352	371	375
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	300	350	400	400
	60 kW	300	300	300	300	350	400	400
	75 kW	300	300	300	300	350	400	400
	90 kW	300	350	350	350	400	400	400



ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Mtor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	45	96	99	102	109	115	122	123
	60	96	99	102	109	115	122	123
	75	100	104	108	117	124	133	134
	90	118	123	126	135	143	151	153
	105	136	141	144	153	161	169	171
	120	154	159	162	171	179	187	189
	135	172	177	180	189	197	205	207
	150	190	195	198	207	215	223	225
	165	208	213	216	225	233	241	243
180	226	231	234	243	251	259	261	
Electric Heat Without Power Exhaust Maximum Overcurrent Protection (amps)	45	110	110	110	125	125	150	150
	60	110	110	110	125	125	150	150
	75	110	110	110	125	150	150	150
	90	125	125	150	150	150	175	175
	105	150	150	150	175	175	200	200
	120	175	175	175	175	200	200	200
	135	175	200	200	200	200	225	225
	150	200	200	200	225	225	250	250
	165	225	225	225	225	250	250	250
180	250	250	250	250	250	300	300	
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	45	98	102	105	112	118	125	126
	60	98	102	105	112	118	125	126
	75	103	107	111	120	127	136	137
	90	121	126	129	138	146	154	156
	105	139	144	147	156	164	172	174
	120	157	162	165	174	182	190	192
	135	175	180	183	192	200	208	210
	150	193	198	201	210	218	226	228
	165	211	216	219	228	236	244	246
180	229	234	237	246	254	262	264	
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	200	200
	120	175	175	175	175	200	200	225
	135	175	200	200	200	225	225	225
	150	200	200	225	225	225	250	250
	165	225	225	225	250	250	250	250
180	250	250	250	250	300	300	300	



ENGINEERING DATA SUPPLEMENT

ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Mtor 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	101	104	107	114	120	127	128
	60	101	104	107	114	120	127	128
	75	106	110	114	123	130	139	140
	90	124	129	132	141	149	157	159
	105	142	147	150	159	167	175	177
	120	160	165	168	177	185	193	195
	135	178	183	186	195	203	211	213
	150	196	201	204	213	221	229	231
	165	214	219	222	231	239	247	249
180	232	237	240	249	257	265	267	
Electric Heat With 100% Standard Static Power Exhaust (2) 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	200	200
	120	175	175	175	200	200	225	225
	135	200	200	200	200	225	225	225
	150	200	225	225	225	225	250	250
	165	225	225	225	250	250	250	250
180	250	250	250	250	300	300	300	
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	45	101	104	107	114	120	127	128
	60	101	104	107	114	120	127	128
	75	106	110	114	123	130	139	140
	90	124	129	132	141	149	157	159
	105	142	147	150	159	167	175	177
	120	160	165	168	177	185	193	195
	135	178	183	186	195	203	211	213
	150	196	201	204	213	221	229	231
	165	214	219	222	231	239	247	249
180	232	237	240	249	257	265	267	
Electric Heat With 50% High Static Power Exhaust (1) 3 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	200	200
	120	175	175	175	200	200	225	225
	135	200	200	200	200	225	225	225
	150	200	225	225	225	225	250	250
	165	225	225	225	250	250	250	250
180	250	250	250	250	300	300	300	



ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Mtor 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	106	109	112	119	125	132	133
	60	106	109	112	119	125	132	133
	75	112	116	120	129	136	145	146
	90	130	135	138	147	155	163	165
	105	148	153	156	165	173	181	183
	120	166	171	174	183	191	199	201
	135	184	189	192	201	209	217	219
	150	202	207	210	219	227	235	237
	165	220	225	228	237	245	253	255
180	238	243	246	255	263	271	273	
Electric Heat With 100% High Static Power Exhaust (2) 3 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	150	175	175	175
	105	150	175	175	175	175	200	200
	120	175	175	175	200	200	225	225
	135	200	200	200	225	225	225	250
	150	225	225	225	225	250	250	250
	165	225	225	250	250	250	300	300
180	250	250	250	300	300	300	300	
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	45	104	107	110	117	123	130	131
	60	104	107	110	117	123	130	131
	75	110	114	118	126	134	143	144
	90	128	132	136	145	152	161	162
	105	146	150	154	163	170	179	180
	120	164	168	172	181	188	197	198
	135	182	186	190	199	206	215	216
	150	200	204	208	217	224	233	234
	165	218	222	226	235	242	251	252
180	236	240	244	253	260	269	270	
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	110	125	125	150	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	225	225
	135	200	200	200	200	225	225	225
	150	200	225	225	225	225	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 Mtor 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	111	115	118	125	131	138	139
	60	111	115	118	125	131	138	139
	75	119	123	127	136	143	152	153
	90	137	142	145	154	162	170	172
	105	155	160	163	172	180	188	190
	120	173	178	181	190	198	206	208
	135	191	196	199	208	216	224	226
	150	209	214	217	226	234	242	244
	165	227	232	235	244	252	260	262
180	245	250	253	262	270	278	280	
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	45	125	125	125	125	150	175	175
	60	125	125	125	125	150	175	175
	75	125	125	150	150	150	175	175
	90	150	150	150	175	175	200	200
	105	175	175	175	175	200	200	200
	120	175	200	200	200	200	225	225
	135	200	200	200	225	225	250	250
	150	225	225	225	250	250	250	250
	165	250	250	250	250	300	300	300
180	250	250	300	300	300	300	300	
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	45	107	110	113	120	126	133	134
	60	107	110	113	120	126	133	134
	75	114	118	122	131	138	147	148
	90	132	136	140	149	156	165	166
	105	150	154	158	167	174	183	184
	120	168	172	176	185	192	201	202
	135	186	190	194	203	210	219	220
	150	204	208	212	221	228	237	238
	165	222	226	230	239	246	255	256
180	240	244	248	257	264	273	274	
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	175	175
	90	150	150	150	150	175	175	175
	105	150	175	175	175	175	200	200
	120	175	175	200	200	200	225	225
	135	200	200	200	225	225	250	250
	150	225	225	225	225	250	250	250
	165	225	250	250	250	250	300	300
180	250	250	250	300	300	300	300	



ENGINEERING DATA SUPPLEMENT

460V-3ph

Supply Air Blower Mtor 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	118	121	124	131	137	144	145
	60	118	121	124	131	137	144	145
	75	128	132	136	144	152	161	162
	90	146	150	154	163	170	179	180
	105	164	168	172	181	188	197	198
	120	182	186	190	199	206	215	216
	135	200	204	208	217	224	233	234
	150	218	222	226	235	242	251	252
	165	236	240	244	253	260	269	270
180	254	258	262	271	278	287	288	
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	45	125	125	125	150	150	175	175
	60	125	125	125	150	150	175	175
	75	150	150	150	150	175	175	175
	90	150	150	175	175	175	200	200
	105	175	175	175	200	200	225	225
	120	200	200	200	200	225	225	225
	135	200	225	225	225	225	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 Mtor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30	78	81	83	89	94	99	104
	45	78	81	83	89	94	99	104
	60	78	81	83	89	94	99	104
	75	80	84	86	94	100	106	113
	90	95	98	101	108	115	121	127
	105	109	113	115	123	129	135	141
	120	124	127	130	137	143	150	156
	135	138	142	144	152	158	164	170
	150	152	156	159	166	172	179	185
	165	167	171	173	181	187	193	199
Electric Heat Without Power Exhaust Maximum Overcurrent Protection (amps)	30	90	90	90	100	110	125	125
	45	90	90	90	100	110	125	125
	60	90	90	100	110	125	125	150
	75	100	110	110	125	150	150	150
	90	125	125	150	150	150	175	175
	105	150	150	150	175	175	200	200
	120	175	175	175	175	200	200	200
	135	175	200	200	200	200	225	225
	150	200	200	200	225	225	250	250
	165	225	225	225	225	250	250	250
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30	80	83	85	91	96	101	106
	45	80	83	85	91	96	101	106
	60	80	83	85	91	96	101	106
	75	83	86	89	96	103	109	115
	90	97	101	103	111	117	123	130
	105	112	115	118	125	131	138	144
	120	126	130	132	140	146	152	158
	135	141	144	147	154	160	167	173
	150	155	159	161	169	175	181	187
	165	169	173	176	183	189	196	202
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30	90	90	90	100	110	125	125
	45	90	90	90	100	110	125	125
	60	90	90	90	100	110	125	125
	75	90	90	90	110	110	125	125
	90	100	110	110	125	125	125	150
	105	125	125	125	125	150	150	175
	120	150	150	150	150	150	175	175
	135	150	150	150	175	175	175	200
	150	175	175	175	175	175	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 Mtor 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	82	85	87	93	98	103	108
	45	82	85	87	93	98	103	108
	60	82	85	87	93	98	103	108
	75	85	89	91	99	105	111	118
	90	100	103	106	113	120	126	132
	105	114	118	120	128	134	140	146
	120	129	132	135	142	148	155	161
	135	143	147	149	157	163	169	175
	150	157	161	164	171	177	184	190
	165	172	176	178	186	192	198	204
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30	90	90	100	110	110	125	125
	45	90	90	100	110	110	125	125
	60	90	90	100	110	110	125	125
	75	90	90	100	110	125	125	125
	90	100	110	110	125	125	150	150
	105	125	125	125	150	150	150	175
	120	150	150	150	150	150	175	175
	135	150	150	150	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)	30	82	85	87	93	98	103	108
	45	82	85	87	93	98	103	108
	60	82	85	87	93	98	103	108
	75	85	89	91	99	105	111	118
	90	100	103	106	113	119	126	132
	105	114	118	120	128	134	140	146
	120	128	132	135	142	148	155	161
	135	143	147	149	157	163	169	175
	150	157	161	163	171	177	183	190
	165	172	175	178	185	192	198	204
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30	90	90	100	100	110	125	125
	45	90	90	100	100	110	125	125
	60	90	90	100	100	110	125	125
	75	90	90	100	110	125	125	125
	90	100	110	110	125	125	150	150
	105	125	125	125	150	150	150	175
	120	150	150	150	150	150	175	175
	135	150	150	150	175	175	175	200
	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 Mtor 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	86	89	91	97	102	107	112
	45	86	89	91	97	102	107	112
	60	86	89	91	97	102	107	112
	75	90	94	96	104	110	116	122
	90	104	108	111	118	124	131	137
	105	119	122	125	132	139	145	151
	120	133	137	139	147	153	159	166
	135	148	151	154	161	168	174	180
	150	162	166	168	176	182	188	195
	165	177	180	183	190	197	203	209
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30	90	100	100	110	125	125	125
	45	90	100	100	110	125	125	125
	60	90	100	100	110	125	125	125
	75	90	100	100	110	125	125	150
	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
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30	84	87	89	95	100	105	110
	45	84	87	89	95	100	105	110
	60	84	87	89	95	100	105	110
	75	88	92	94	102	108	114	120
	90	102	106	108	116	122	128	135
	105	117	120	123	130	137	143	149
	120	131	135	137	145	151	157	164
	135	146	149	152	159	166	172	178
	150	160	164	166	174	180	186	192
	165	175	178	181	188	194	201	207
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30	90	100	100	110	110	125	125
	45	90	100	100	110	110	125	125
	60	90	100	100	110	110	125	125
	75	90	100	100	110	125	125	150
	90	110	110	110	125	125	150	150
	105	125	125	125	150	150	150	175
	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	225	225
180	200	200	200	225	225	225	250	



ENGINEERING DATA SUPPLEMENT		575V-3ph						
		Supply Air Blower Mtor 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	90	93	95	101	106	111	116
	45	90	93	95	101	106	111	116
	60	90	93	95	101	106	111	116
	75	96	99	102	109	115	122	128
	90	110	114	116	124	130	136	142
	105	124	128	130	138	144	150	157
	120	139	142	145	152	159	165	171
	135	153	157	159	167	173	179	186
	150	168	171	174	181	188	194	200
	165	182	186	188	196	202	208	215
Electric Heat with 100% High Static Power Exhaust (2) 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	100	110	125	125	150
	75	100	100	110	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	200
	135	175	175	175	175	175	200	200
	150	175	175	175	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)	30	87	90	92	98	103	108	113
	45	87	90	92	98	103	108	113
	60	87	90	92	98	103	108	113
	75	92	95	98	105	111	118	124
	90	106	110	112	120	126	132	138
	105	120	124	126	134	140	146	153
	120	135	138	141	148	155	161	167
	135	149	153	155	163	169	175	182
	150	164	167	170	177	184	190	196
	165	178	182	184	192	198	204	211
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	30	100	100	100	110	125	125	125
	45	100	100	100	110	125	125	125
	60	100	100	100	110	125	125	125
	75	100	100	100	110	125	125	150
	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	225
	165	200	200	200	200	200	225	225
180	200	200	200	225	225	225	250	



ENGINEERING DATA SUPPLEMENT

575V-3ph

Supply Air Blower Mtor 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	96	99	101	107	112	117	122
	45	96	99	101	107	112	117	122
	60	96	99	101	107	112	117	122
	75	103	106	109	116	123	129	135
	90	117	121	123	131	137	143	150
	105	132	135	138	145	151	158	164
	120	146	150	152	160	166	172	178
	135	161	164	167	174	180	187	193
	150	175	179	181	189	195	201	207
	165	189	193	196	203	209	216	222
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	30	110	110	110	125	125	125	150
	45	110	110	110	125	125	125	150
	60	110	110	110	125	125	125	150
	75	110	110	110	125	125	150	150
	90	125	125	125	150	150	150	175
	105	150	150	150	150	175	175	175
	120	150	150	175	175	175	175	200
	135	175	175	175	175	200	200	200
	150	175	200	200	200	200	225	225
	165	200	200	200	225	225	225	225
180	225	225	225	225	225	250	250	



ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Mtor hp						
Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	45 kW	246	254	260	276	289	304	307
	60 kW	246	254	260	276	289	304	307
	75 kW	246	254	260	276	289	304	307
	90 kW	246	254	260	276	289	304	307
Electric Heat Without Power Exhaust Maximum Overcurrent Protection (amps)	45 kW	250	300	300	300	350	350	350
	60 kW	250	300	300	300	350	350	350
	75 kW	250	300	300	300	350	350	350
	90 kW	250	300	300	300	350	350	350
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	45 kW	251	258	265	280	294	309	312
	60 kW	251	258	265	280	294	309	312
	75 kW	251	258	265	280	294	309	312
	90 kW	251	258	265	280	294	309	312
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	45 kW	250	300	300	300	350	350	350
	60 kW	250	300	300	300	350	350	350
	75 kW	250	300	300	300	350	350	350
	90 kW	250	300	300	300	350	350	350
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	45 kW	256	263	270	285	298	314	317
	60 kW	256	263	270	285	298	314	317
	75 kW	256	263	270	285	298	314	317
	90 kW	256	263	270	285	298	314	317
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	300	350	350	400
	60 kW	300	300	300	300	350	350	400
	75 kW	300	300	300	300	350	350	400
	90 kW	300	300	300	300	350	350	400
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	45 kW	257	264	271	286	299	315	318
	60 kW	257	264	271	286	299	315	318
	75 kW	257	264	271	286	299	315	318
	90 kW	257	264	271	286	299	315	318
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	300	350	350	400
	60 kW	300	300	300	300	350	350	400
	75 kW	300	300	300	300	350	350	400
	90 kW	300	300	300	300	350	350	400
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	45 kW	267	275	281	297	310	325	329
	60 kW	267	275	281	297	310	325	329
	75 kW	267	275	281	297	310	325	329
	90 kW	267	275	281	297	310	325	329
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	300	350	400	400
	60 kW	300	300	300	300	350	400	400
	75 kW	300	300	300	300	350	400	400
	90 kW	300	300	300	300	350	400	400



ENGINEERING DATA SUPPLEMENT		208V-3ph						
		Supply Air Blower Mtor 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	263	270	277	292	306	321	324
	60 kW	263	270	277	292	306	321	324
	75 kW	263	270	277	292	306	321	324
	90 kW	263	270	277	292	306	321	324
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	300	350	400	400
	60 kW	300	300	300	300	350	400	400
	75 kW	300	300	300	300	350	400	400
	90 kW	300	300	300	300	350	400	400
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	45 kW	280	287	294	309	322	338	341
	60 kW	280	287	294	309	322	338	341
	75 kW	280	287	294	309	322	338	341
	90 kW	280	287	294	309	322	338	341
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	350	350	400	400
	60 kW	300	300	300	350	350	400	400
	75 kW	300	300	300	350	350	400	400
	90 kW	300	300	300	350	350	400	400
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	45 kW	270	278	284	300	313	328	332
	60 kW	270	278	284	300	313	328	332
	75 kW	270	278	284	300	313	328	332
	90 kW	270	278	284	300	313	328	332
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	300	350	400	400
	60 kW	300	300	300	300	350	400	400
	75 kW	300	300	300	300	350	400	400
	90 kW	300	300	300	300	350	400	400
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	45 kW	295	302	309	324	337	353	356
	60 kW	295	302	309	324	337	353	356
	75 kW	295	302	309	324	337	353	356
	90 kW	295	302	309	324	337	353	356
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	45 kW	300	350	350	350	350	400	400
	60 kW	300	350	350	350	350	400	400
	75 kW	300	350	350	350	350	400	400
	90 kW	300	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	246	254	260	276	289	304	307
	60 kW	246	254	260	276	289	304	307
	75 kW	246	254	260	276	289	304	307
	90 kW	246	254	260	276	291	310	314
Electric Heat Without Power Exhaust Maximum Overcurrent Protection (amps)	45 kW	250	300	300	300	350	350	350
	60 kW	250	300	300	300	350	350	350
	75 kW	250	300	300	300	350	350	350
	90 kW	250	300	300	300	350	350	350
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	45 kW	251	258	265	280	294	309	312
	60 kW	251	258	265	280	294	309	312
	75 kW	251	258	265	280	294	309	312
	90 kW	251	258	265	281	297	316	320
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	45 kW	250	300	300	300	350	350	350
	60 kW	250	300	300	300	350	350	350
	75 kW	250	300	300	300	350	350	350
	90 kW	250	300	300	300	350	350	350
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	45 kW	256	263	270	285	298	314	317
	60 kW	256	263	270	285	298	314	317
	75 kW	256	263	270	285	298	314	317
	90 kW	256	263	270	287	303	322	326
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	300	350	350	400
	60 kW	300	300	300	300	350	350	400
	75 kW	300	300	300	300	350	350	400
	90 kW	300	300	300	300	350	350	400
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	45 kW	257	264	271	286	299	315	318
	60 kW	257	264	271	286	299	315	318
	75 kW	257	264	271	286	299	315	318
	90 kW	257	264	271	288	304	324	328
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	300	350	350	400
	60 kW	300	300	300	300	350	350	400
	75 kW	300	300	300	300	350	350	400
	90 kW	300	300	300	300	350	350	400
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Minimum Circuit Ampacity (amps)	45 kW	267	275	281	297	310	325	329
	60 kW	267	275	281	297	310	325	329
	75 kW	267	275	281	297	310	325	329
	90 kW	267	275	282	301	318	337	341
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	300	350	400	400
	60 kW	300	300	300	300	350	400	400
	75 kW	300	300	300	300	350	400	400
	90 kW	300	300	300	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 with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	45 kW	263	270	277	292	306	321	324
	60 kW	263	270	277	292	306	321	324
	75 kW	263	270	277	292	306	321	324
	90 kW	263	270	277	296	312	331	335
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	300	350	400	400
	60 kW	300	300	300	300	350	400	400
	75 kW	300	300	300	300	350	400	400
	90 kW	300	300	300	300	350	400	400
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Minimum Circuit Ampacity (amps)	45 kW	280	287	294	309	322	338	341
	60 kW	280	287	294	309	322	338	341
	75 kW	280	287	294	309	322	338	341
	90 kW	280	289	297	316	333	352	356
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	350	350	400	400
	60 kW	300	300	300	350	350	400	400
	75 kW	300	300	300	350	350	400	400
	90 kW	300	300	300	350	350	400	400
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	45 kW	270	278	284	300	313	328	332
	60 kW	270	278	284	300	313	328	332
	75 kW	270	278	284	300	313	328	332
	90 kW	270	278	286	305	321	341	345
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	45 kW	300	300	300	300	350	400	400
	60 kW	300	300	300	300	350	400	400
	75 kW	300	300	300	300	350	400	400
	90 kW	300	300	300	350	350	400	400
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Minimum Circuit Ampacity (amps)	45 kW	295	302	309	324	337	353	356
	60 kW	295	302	309	324	337	353	356
	75 kW	295	302	309	324	337	353	356
	90 kW	298	308	316	335	352	371	375
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	45 kW	300	350	350	350	350	400	400
	60 kW	300	350	350	350	350	400	400
	75 kW	300	350	350	350	350	400	400
	90 kW	300	350	350	350	400	400	400



ENGINEERING DATA SUPPLEMENT

460V-3ph

Supply Air Blower Mtor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	45	100	103	106	113	119	126	127
	60	100	103	106	113	119	126	127
	75	100	104	108	117	124	133	134
	90	118	123	126	135	143	151	153
	105	136	141	144	153	161	169	171
	120	154	159	162	171	179	187	189
	135	172	177	180	189	197	205	207
	150	190	195	198	207	215	223	225
	165	208	213	216	225	233	241	243
180	226	231	234	243	251	259	261	
Electric Heat Without Power Exhaust Maximum Overcurrent Protection (amps)	45	110	110	110	125	125	150	150
	60	110	110	110	125	125	150	150
	75	110	110	110	125	150	150	150
	90	125	125	150	150	150	175	175
	105	150	150	150	175	175	200	200
	120	175	175	175	175	200	200	200
	135	175	200	200	200	200	225	225
	150	200	200	200	225	225	250	250
	165	225	225	225	225	250	250	250
180	250	250	250	250	250	300	300	
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	45	102	106	109	116	122	129	130
	60	102	106	109	116	122	129	130
	75	103	107	111	120	127	136	137
	90	121	126	129	138	146	154	156
	105	139	144	147	156	164	172	174
	120	157	162	165	174	182	190	192
	135	175	180	183	192	200	208	210
	150	193	198	201	210	218	226	228
	165	211	216	219	228	236	244	246
180	229	234	237	246	254	262	264	
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	200	200
	120	175	175	175	175	200	200	225
	135	175	200	200	200	225	225	225
	150	200	200	225	225	225	250	250
	165	225	225	225	250	250	250	250
180	250	250	250	250	300	300	300	



ENGINEERING DATA SUPPLEMENT

		460V-3ph						
		Supply Air Blower Mtor 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	105	108	111	118	124	131	132
	60	105	108	111	118	124	131	132
	75	106	110	114	123	130	139	140
	90	124	129	132	141	149	157	159
	105	142	147	150	159	167	175	177
	120	160	165	168	177	185	193	195
	135	178	183	186	195	203	211	213
	150	196	201	204	213	221	229	231
	165	214	219	222	231	239	247	249
180	232	237	240	249	257	265	267	
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	125	150	150	150	150	175	175
	105	150	150	150	175	175	200	200
	120	175	175	175	200	200	225	225
	135	200	200	200	200	225	225	225
	150	200	225	225	225	225	250	250
	165	225	225	225	250	250	250	250
180	250	250	250	250	300	300	300	
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Minimum Circuit Ampacity (amps)	45	105	108	111	118	124	131	132
	60	105	108	111	118	124	131	132
	75	106	110	114	123	130	139	140
	90	124	129	132	141	149	157	159
	105	142	147	150	159	167	175	177
	120	160	165	168	177	185	193	195
	135	178	183	186	195	203	211	213
	150	196	201	204	213	221	229	231
	165	214	219	222	231	239	247	249
180	232	237	240	249	257	265	267	
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	125	150	150	150	150	175	175
	105	150	150	150	175	175	200	200
	120	175	175	175	200	200	225	225
	135	200	200	200	200	225	225	225
	150	200	225	225	225	225	250	250
	165	225	225	225	250	250	250	250
180	250	250	250	250	300	300	300	



ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Mtor 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	109	113	116	123	129	136	137
	60	109	113	116	123	129	136	137
	75	112	116	120	129	136	145	146
	90	130	135	138	147	155	163	165
	105	148	153	156	165	173	181	183
	120	166	171	174	183	191	199	201
	135	184	189	192	201	209	217	219
	150	202	207	210	219	227	235	237
	165	220	225	228	237	245	253	255
180	238	243	246	255	263	271	273	
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	45	125	125	125	125	150	150	175
	60	125	125	125	125	150	150	175
	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	225	225
	135	200	200	200	225	225	225	250
	150	225	225	225	225	250	250	250
	165	225	225	250	250	250	300	300
180	250	250	250	300	300	300	300	
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	45	107	111	114	121	127	134	135
	60	107	111	114	121	127	134	135
	75	110	114	118	126	134	143	144
	90	128	132	136	145	152	161	162
	105	146	150	154	163	170	179	180
	120	164	168	172	181	188	197	198
	135	182	186	190	199	206	215	216
	150	200	204	208	217	224	233	234
	165	218	222	226	235	242	251	252
180	236	240	244	253	260	269	270	
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	150
	90	150	150	150	150	175	175	175
	105	150	150	175	175	175	200	200
	120	175	175	175	200	200	225	225
	135	200	200	200	200	225	225	225
	150	200	225	225	225	225	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 Mtor 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	115	118	121	128	134	141	142
	60	115	118	121	128	134	141	142
	75	119	123	127	136	143	152	153
	90	137	142	145	154	162	170	172
	105	155	160	163	172	180	188	190
	120	173	178	181	190	198	206	208
	135	191	196	199	208	216	224	226
	150	209	214	217	226	234	242	244
	165	227	232	235	244	252	260	262
180	245	250	253	262	270	278	280	
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	45	125	125	125	125	150	175	175
	60	125	125	125	125	150	175	175
	75	125	125	150	150	150	175	175
	90	150	150	150	175	175	200	200
	105	175	175	175	175	200	200	200
	120	175	200	200	200	200	225	225
	135	200	200	200	225	225	250	250
	150	225	225	225	250	250	250	250
	165	250	250	250	250	300	300	300
180	250	250	300	300	300	300	300	
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Minimum Circuit Ampacity (amps)	45	111	114	117	124	130	137	138
	60	111	114	117	124	130	137	138
	75	114	118	122	131	138	147	148
	90	132	136	140	149	156	165	166
	105	150	154	158	167	174	183	184
	120	168	172	176	185	192	201	202
	135	186	190	194	203	210	219	220
	150	204	208	212	221	228	237	238
	165	222	226	230	239	246	255	256
180	240	244	248	257	264	273	274	
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	45	125	125	125	125	150	150	175
	60	125	125	125	125	150	150	175
	75	125	125	125	150	150	175	175
	90	150	150	150	150	175	175	175
	105	150	175	175	175	175	200	200
	120	175	175	200	200	200	225	225
	135	200	200	200	225	225	250	250
	150	225	225	225	225	250	250	250
	165	225	250	250	250	250	300	300
180	250	250	250	300	300	300	300	



ENGINEERING DATA SUPPLEMENT		460V-3ph						
		Supply Air Blower Mtor 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	122	125	128	135	141	148	149
	60	122	125	128	135	141	148	149
	75	128	132	136	144	152	161	162
	90	146	150	154	163	170	179	180
	105	164	168	172	181	188	197	198
	120	182	186	190	199	206	215	216
	135	200	204	208	217	224	233	234
	150	218	222	226	235	242	251	252
	165	236	240	244	253	260	269	270
180	254	258	262	271	278	287	288	
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	150	175	175	175	200	200
	105	175	175	175	200	200	225	225
	120	200	200	200	200	225	225	225
	135	200	225	225	225	225	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 Mtor hp

Electric Heat Size		5	7.5	10	15	20	25	30
Electric Heat Without Power Exhaust Minimum Circuit Ampacity (amps)	30	80	83	85	91	96	101	106
	45	80	83	85	91	96	101	106
	60	80	83	85	91	96	101	106
	75	80	84	86	94	100	106	113
	90	95	98	101	108	115	121	127
	105	109	113	115	123	129	135	141
	120	124	127	130	137	143	150	156
	135	138	142	144	152	158	164	170
	150	152	156	159	166	172	179	185
	165	167	171	173	181	187	193	199
Electric Heat Without Power Exhaust Maximum Overcurrent Protection (amps)	30	90	90	90	100	110	125	125
	45	90	90	90	100	110	125	125
	60	90	90	100	110	125	125	150
	75	100	110	110	125	150	150	150
	90	125	125	150	150	150	175	175
	105	150	150	150	175	175	200	200
	120	175	175	175	175	200	200	200
	135	175	200	200	200	200	225	225
	150	200	200	200	225	225	250	250
	165	225	225	225	225	250	250	250
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Minimum Circuit Ampacity (amps)	30	82	85	87	93	98	103	108
	45	82	85	87	93	98	103	108
	60	82	85	87	93	98	103	108
	75	83	86	89	96	103	109	115
	90	97	101	103	111	117	123	130
	105	112	115	118	125	131	138	144
	120	126	130	132	140	146	152	158
	135	141	144	147	154	160	167	173
	150	155	159	161	169	175	181	187
	165	169	173	176	183	189	196	202
Electric Heat With 50% Standard Static Power Exhaust (1) 1 hp Maximum Overcurrent Protection (amps)	30	90	90	100	110	110	125	125
	45	90	90	100	110	110	125	125
	60	90	90	100	110	110	125	125
	75	90	90	100	110	110	125	125
	90	100	110	110	125	125	125	150
	105	125	125	125	125	150	150	175
	120	150	150	150	150	150	175	175
	135	150	150	150	175	175	175	200
	150	175	175	175	175	175	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 Mtor hp

Electric Heat Size	575V-3ph							
	5	7.5	10	15	20	25	30	
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Minimum Circuit Ampacity (amps)	30	84	87	89	95	100	105	110
	45	84	87	89	95	100	105	110
	60	84	87	89	95	100	105	110
	75	85	89	91	99	105	111	118
	90	100	103	106	113	120	126	132
	105	114	118	120	128	134	140	146
	120	129	132	135	142	148	155	161
	135	143	147	149	157	163	169	175
	150	157	161	164	171	177	184	190
	165	172	176	178	186	192	198	204
Electric Heat With 100% Standard Static Power Exhaust (2) 1 hp Maximum Overcurrent Protection (amps)	30	90	100	100	110	110	125	125
	45	90	100	100	110	110	125	125
	60	90	100	100	110	110	125	125
	75	90	100	100	110	125	125	125
	90	100	110	110	125	125	150	150
	105	125	125	125	150	150	150	175
	120	150	150	150	150	150	175	175
	135	150	150	150	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)	30	84	87	89	95	100	105	110
	45	84	87	89	95	100	105	110
	60	84	87	89	95	100	105	110
	75	85	89	91	99	105	111	118
	90	100	103	106	113	119	126	132
	105	114	118	120	128	134	140	146
	120	128	132	135	142	148	155	161
	135	143	147	149	157	163	169	175
	150	157	161	163	171	177	183	190
	165	172	175	178	185	192	198	204
Electric Heat With 50% High Static Power Exhaust (1) 3 hp Maximum Overcurrent Protection (amps)	30	90	100	100	110	110	125	125
	45	90	100	100	110	110	125	125
	60	90	100	100	110	110	125	125
	75	90	100	100	110	125	125	125
	90	100	110	110	125	125	150	150
	105	125	125	125	150	150	150	175
	120	150	150	150	150	150	175	175
	135	150	150	150	175	175	175	200
	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 Mtor 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	88	91	93	99	104	109	114
	45	88	91	93	99	104	109	114
	60	88	91	93	99	104	109	114
	75	90	94	96	104	110	116	122
	90	104	108	111	118	124	131	137
	105	119	122	125	132	139	145	151
	120	133	137	139	147	153	159	166
	135	148	151	154	161	168	174	180
	150	162	166	168	176	182	188	195
	165	177	180	183	190	197	203	209
Electric Heat With 100% High Static Power Exhaust (2) 3 hp Maximum Overcurrent Protection (amps)	30	100	100	100	110	125	125	125
	45	100	100	100	110	125	125	125
	60	100	100	100	110	125	125	125
	75	100	100	100	110	125	125	150
	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
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Minimum Circuit Ampacity (amps)	30	86	89	91	97	102	107	112
	45	86	89	91	97	102	107	112
	60	86	89	91	97	102	107	112
	75	88	92	94	102	108	114	120
	90	102	106	108	116	122	128	135
	105	117	120	123	130	137	143	149
	120	131	135	137	145	151	157	164
	135	146	149	152	159	166	172	178
	150	160	164	166	174	180	186	192
	165	175	178	181	188	194	201	207
Electric Heat with 50% High Static Power Exhaust (1) 5 hp Maximum Overcurrent Protection (amps)	30	100	100	100	110	125	125	125
	45	100	100	100	110	125	125	125
	60	100	100	100	110	125	125	125
	75	100	100	100	110	125	125	150
	90	110	110	110	125	125	150	150
	105	125	125	125	150	150	150	175
	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	225	225
180	200	200	200	225	225	225	250	



ENGINEERING DATA SUPPLEMENT

575V-3ph

Supply Air Blower Mtor 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	92	95	97	103	108	113	118
	45	92	95	97	103	108	113	118
	60	92	95	97	103	108	113	118
	75	96	99	102	109	115	122	128
	90	110	114	116	124	130	136	142
	105	124	128	130	138	144	150	157
	120	139	142	145	152	159	165	171
	135	153	157	159	167	173	179	186
	150	168	171	174	181	188	194	200
	165	182	186	188	196	202	208	215
Electric Heat with 100% High Static Power Exhaust (2) 5 hp Maximum Overcurrent Protection (amps)	30	100	100	110	110	125	125	150
	45	100	100	110	110	125	125	150
	60	100	100	110	110	125	125	150
	75	100	100	110	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	200
	135	175	175	175	175	175	200	200
	150	175	175	175	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)	30	89	92	94	100	105	110	115
	45	89	92	94	100	105	110	115
	60	89	92	94	100	105	110	115
	75	92	95	98	105	111	118	124
	90	106	110	112	120	126	132	138
	105	120	124	126	134	140	146	153
	120	135	138	141	148	155	161	167
	135	149	153	155	163	169	175	182
	150	164	167	170	177	184	190	196
	165	178	182	184	192	198	204	211
Electric Heat with 50% High Static Power Exhaust (1) 7.5 hp Maximum Overcurrent Protection (amps)	30	100	100	100	110	125	125	150
	45	100	100	100	110	125	125	150
	60	100	100	100	110	125	125	150
	75	100	100	100	110	125	125	150
	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	225
	165	200	200	200	200	200	225	225
180	200	200	200	225	225	225	250	



ENGINEERING DATA SUPPLEMENT

575V-3ph

Supply Air Blower Mtor 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	98	101	103	109	114	119	124
	45	98	101	103	109	114	119	124
	60	98	101	103	109	114	119	124
	75	103	106	109	116	123	129	135
	90	117	121	123	131	137	143	150
	105	132	135	138	145	151	158	164
	120	146	150	152	160	166	172	178
	135	161	164	167	174	180	187	193
	150	175	179	181	189	195	201	207
	165	189	193	196	203	209	216	222
Electric Heat With 100% High Static Power Exhaust (2) 7.5 hp Maximum Overcurrent Protection (amps)	30	110	110	110	125	125	125	150
	45	110	110	110	125	125	125	150
	60	110	110	110	125	125	125	150
	75	110	110	110	125	125	150	150
	90	125	125	125	150	150	150	175
	105	150	150	150	150	175	175	175
	120	150	150	175	175	175	175	200
	135	175	175	175	175	200	200	200
	150	175	200	200	200	200	225	225
	165	200	200	200	225	225	225	225
180	225	225	225	225	225	225	250	