

SELECTION CHARTS

SINGLE PHASE - GROUP A

1. From the top row of the "Selection Chart" locate the high and low voltage combination that is closest to the one you require.
2. Move down that column to the kVA or Ampere rating equal to or greater than the rating required by the load.
3. From the far left column, obtain the transformer catalog number.
4. For dimensional information refer to the specifications table (Group A) on page 10.
5. The corresponding connection diagram is indicated at the bottom of the Voltage / kVA column.



120 X 240 PRIMARY VOLTS		12 X 24 SECONDARY VOLTS														50/60 HZ	
Catalog Number	Low Voltage	96	100	100	105	110	110	115	115	120	120	200	208	220	220	240	240
	High Voltage	115	110	120	115	121	132	126	138	132	144	220	229	231	242	252	264
QC05ERCB	HV Amps	2.08	4.17	2.08	4.17	4.17	2.08	4.17	2.08	4.17	2.08	2.08	2.08	4.17	2.08	4.17	2.08
	KVA	.240	.458	.250	.480	.504	.275	.526	.288	.550	.300	.458	.477	.963	.504	1.05	.550
	LV Amps	2.50	4.58	2.50	4.58	4.58	2.50	4.58	2.50	4.58	2.50	2.29	2.29	4.38	2.29	4.38	2.29
QC10ERCB	HV Amps	4.17	8.33	4.17	8.33	8.33	4.17	8.33	4.17	8.33	4.17	4.17	4.17	8.33	4.17	8.33	4.17
	KVA	.480	.917	.500	.961	1.01	.550	1.05	.575	1.10	.600	.917	.953	1.92	1.01	2.10	1.10
	LV Amps	5.00	9.17	5.00	9.17	9.17	5.00	9.17	5.00	9.17	5.00	4.58	4.58	8.75	4.58	8.75	4.58
QC15ERCB	HV Amps	6.25	12.5	6.25	12.5	12.5	6.25	12.5	6.25	12.5	6.25	6.25	6.25	12.5	6.25	12.5	6.25
	KVA	.720	1.38	.750	1.44	1.51	.825	1.58	.863	1.65	.900	1.38	1.43	2.88	1.51	3.15	1.65
	LV Amps	7.50	13.8	7.50	13.8	13.8	7.50	13.8	7.50	13.8	7.50	6.88	6.88	13.1	6.88	13.1	6.88
QC20ERCB	HV Amps	8.33	16.7	8.33	16.7	16.7	8.33	16.7	8.33	16.7	8.33	8.33	8.33	16.7	8.33	16.7	8.33
	KVA	.960	1.83	1.00	1.92	2.02	1.10	2.11	1.15	2.20	1.20	1.83	1.91	3.85	2.02	4.20	2.20
	LV Amps	10.0	18.3	10.0	18.3	18.3	10.0	18.3	10.0	18.3	10.0	9.17	9.17	17.5	9.17	17.5	9.17
QC25ERCB	HV Amps	10.4	20.8	10.4	20.8	20.8	10.4	20.8	10.4	20.8	10.4	10.4	10.4	20.8	10.4	20.8	10.4
	KVA	1.20	2.29	1.25	2.40	2.52	1.37	2.63	1.44	2.75	1.50	2.29	2.38	4.81	2.52	5.25	2.75
	LV Amps	12.5	22.9	12.5	22.9	22.9	12.5	22.9	12.5	22.9	12.5	11.4	11.4	21.8	11.4	21.8	11.4
QC35ERCB	HV Amps	14.6	29.2	14.6	29.2	29.2	14.6	29.2	14.6	29.2	14.6	14.6	14.6	29.2	14.6	29.2	14.6
	KVA	1.68	3.21	1.75	3.36	3.53	1.92	3.68	2.01	3.85	2.10	3.21	3.34	6.74	3.53	7.35	3.85
	LV Amps	17.5	32.1	17.5	32.1	32.1	17.5	32.1	17.5	32.1	17.5	16.0	16.0	30.6	16.0	30.6	16.0
QC50ERCB	HV Amps	20.8	41.6	20.8	41.7	41.7	20.8	41.7	20.8	41.7	20.8	20.8	20.8	41.7	20.8	41.7	20.8
	KVA	2.39	4.58	2.50	4.80	5.04	2.75	5.26	2.87	5.50	3.00	4.58	4.77	9.62	5.04	10.5	5.50
	LV Amps	24.9	45.8	25.0	45.8	45.8	25.0	45.8	25.0	45.8	25.0	22.9	22.9	43.7	22.9	43.7	22.9
QC75ERCB	HV Amps	31.2	62.5	31.2	62.5	62.5	31.2	62.5	31.2	62.5	31.2	31.2	31.2	62.5	31.2	62.5	31.2
	KVA	3.60	6.87	3.75	7.20	7.56	4.12	7.89	4.31	8.25	4.50	6.87	7.15	14.4	7.56	15.7	8.25
	LV Amps	37.5	68.7	37.5	68.7	68.7	37.5	68.7	37.5	68.7	37.5	34.4	34.4	65.6	34.4	65.6	34.4
Q1C0ERCB	HV Amps	41.7	83.3	41.7	83.3	83.3	41.7	83.3	41.7	83.3	41.7	41.7	41.7	83.3	41.7	83.3	41.7
	KVA	4.80	9.17	5.00	9.60	10.1	5.50	10.5	5.75	11.0	6.00	9.17	9.53	19.2	10.1	21.0	11.0
	LV Amps	50.0	91.7	50.0	91.7	91.7	50.0	91.7	50.0	91.7	50.0	45.8	45.8	87.5	45.8	87.5	45.8
Q1C5ERCF	HV Amps	62.5	125	62.5	125	125	62.5	125	62.5	125	62.5	62.5	62.5	125	62.5	125	62.5
	KVA	7.20	13.7	7.50	14.4	15.1	8.25	15.8	8.62	16.5	9.00	13.7	14.3	28.9	15.1	31.5	16.5
	LV Amps	75.0	137	75.0	137	137	75.0	137	75.0	137	75.0	68.7	68.8	131	68.7	131	68.7
Q002ERCF	HV Amps	83.3	166	83.3	166	166	83.3	166	83.3	166	83.3	83.3	83.3	166	83.3	166	83.3
	KVA	9.58	18.3	10.0	19.2	20.1	11.0	21.0	11.5	22.0	12.0	18.3	19.0	38.5	20.1	42.0	22.0
	LV Amps	99.8	183	100	183	183	100	183	100	183	100	91.7	91.7	175	91.6	175	91.6
Q003ERCF	HV Amps	125	250	125	250	250	125	250	125	250	125	125	125	250	125	250	125
	KVA	14.4	27.5	15.0	28.8	30.2	16.5	31.5	17.2	33.0	18.0	27.5	28.6	57.7	30.2	63.0	33.0
	LV Amps	150	275	150	275	275	150	275	150	275	150	137	137	262	137	262	137
Q005ERCF	HV Amps	208	417	208	417	417	208	417	208	417	208	208	208	417	208	417	208
	KVA	24.0	45.8	25.0	48.0	50.4	27.5	52.7	28.7	55.0	30.0	45.8	47.7	96.3	50.4	105	55.0
	LV Amps	250	458	250	458	458	250	458	250	458	250	229	229	438	229	438	229
CONNECTION DIAGRAM		2	1	2	1	1	2	1	2	1	2	4	4	3	4	3	4

SELECTION CHARTS

SINGLE PHASE - GROUP B

1. From the top row of the "Selection Chart" locate the high and low voltage combination that is closest to the one you require.
2. Move down that column to the kVA or Ampere rating equal to or greater than the rating required by the load.
3. From the far left column, obtain the transformer catalog number.
4. For dimensional information refer to the specifications table (Group B) on page 10.
5. The corresponding connection diagram is indicated at the bottom of the Voltage / kVA column.



120 X 240 PRIMARY VOLTS		16 X 32 SECONDARY VOLTS														50/60 HZ	
Catalog Number	Low Voltage	95	101	106	110	110	115	115	120	120	203	208	220	220	230	240	240
	High Voltage	120	115	120	125	139	130	146	136	152	230	236	235	249	261	256	272
QC05ESCB	HV Amps	1.56	3.13	3.13	3.13	1.56	3.13	1.56	3.13	1.56	1.56	1.56	3.13	1.56	1.56	3.13	1.56
	KVA	.188	.359	.375	.390	.218	.407	.228	.425	.238	.359	.368	.733	.390	.407	.800	.425
	LV Amps	1.98	3.54	3.54	3.54	1.98	3.54	1.98	3.54	1.98	1.77	1.77	3.33	1.77	1.77	3.33	1.77
QC10ESCB	HV Amps	3.12	6.25	6.25	6.25	3.12	6.25	3.12	6.25	3.12	3.12	3.12	6.25	3.12	3.12	6.25	3.12
	KVA	.376	.718	.751	.779	.435	.815	.455	.850	.475	.719	.737	1.47	.779	.815	1.60	.850
	LV Amps	3.96	7.08	7.08	7.08	3.96	7.08	3.96	7.08	3.96	3.54	3.54	6.67	3.54	3.54	6.67	3.54
QC15ESCB	HV Amps	4.69	9.38	9.38	9.38	4.69	9.38	4.69	9.38	4.69	4.69	4.69	9.38	4.69	4.69	9.38	4.69
	KVA	.564	1.07	1.13	1.17	.653	1.22	.683	1.28	.713	1.08	1.10	2.20	1.17	1.22	2.40	1.28
	LV Amps	5.94	10.6	10.6	10.6	5.94	10.6	5.94	10.6	5.94	5.31	5.31	10.0	5.31	5.31	10.0	5.31
QC20ESCB	HV Amps	6.25	12.5	12.5	12.5	6.25	12.5	6.25	12.5	6.25	6.25	6.25	12.5	6.25	6.25	12.5	6.25
	KVA	.752	1.43	1.50	1.56	0.871	1.63	0.91	1.70	.950	1.44	1.47	2.93	1.56	1.63	3.20	1.70
	LV Amps	7.92	14.2	14.2	14.2	7.92	14.2	7.92	14.2	7.92	7.08	7.08	13.3	7.08	7.08	13.3	7.08
QC25ESCB	HV Amps	7.81	15.6	15.6	15.6	7.81	15.6	7.81	15.6	7.81	7.81	7.81	15.6	7.81	7.81	15.6	7.81
	KVA	0.94	1.80	1.87	1.95	1.09	2.04	1.14	2.12	1.19	1.80	1.84	3.67	1.95	2.04	4.00	2.12
	LV Amps	9.90	17.7	17.7	17.7	9.87	17.7	9.90	17.7	9.90	8.85	8.85	16.7	8.85	8.85	16.7	8.85
QC35ESCB	HV Amps	10.9	21.9	21.9	21.9	10.9	21.9	10.9	21.9	10.9	10.9	10.9	21.9	10.9	10.9	21.9	10.9
	KVA	1.31	2.51	2.63	2.73	1.52	2.85	1.59	2.98	1.66	2.51	2.58	5.13	2.73	2.85	5.60	2.98
	LV Amps	13.9	24.8	24.8	24.8	13.9	24.8	13.9	24.8	13.9	12.4	12.4	23.3	12.4	12.4	23.3	12.4
QC50ESCB	HV Amps	15.6	31.2	31.2	31.2	15.6	31.2	15.6	31.2	15.6	15.6	15.6	31.2	15.6	15.6	31.2	15.6
	KVA	1.88	3.59	3.75	3.90	2.18	4.07	2.28	4.25	2.37	3.59	3.68	7.33	3.90	4.07	8.00	4.25
	LV Amps	19.8	35.4	35.4	35.4	19.8	35.4	19.8	35.4	19.8	17.7	17.7	33.3	17.7	17.7	33.3	17.7
QC75ESCB	HV Amps	23.4	46.8	46.8	46.9	23.4	46.9	23.4	46.9	23.4	23.4	23.4	46.9	23.4	23.4	46.9	23.4
	KVA	2.82	5.39	5.63	5.84	3.27	6.10	3.41	6.37	3.56	5.39	5.53	11.0	5.84	6.11	12.0	6.37
	LV Amps	29.7	53.1	53.1	53.1	29.7	53.1	29.7	53.1	29.7	26.6	26.6	50.0	26.6	26.6	50.0	26.6
Q1C0ESCB	HV Amps	31.2	62.5	62.5	62.5	31.2	62.5	31.2	62.5	31.2	31.2	31.2	62.5	31.2	31.2	62.5	31.2
	KVA	3.76	7.18	7.50	7.79	4.35	8.15	4.55	8.50	4.75	7.19	7.37	14.7	7.79	8.15	16.0	8.50
	LV Amps	39.6	70.8	70.8	70.8	39.6	70.8	39.6	70.8	39.6	35.4	35.4	66.7	35.4	35.4	66.7	35.4
Q1C5ESCF	HV Amps	46.9	93.7	93.7	93.7	46.9	93.7	46.9	93.7	46.9	46.9	46.8	93.7	46.9	46.9	93.7	46.9
	KVA	5.64	10.8	11.2	11.7	6.53	12.2	6.83	12.7	7.12	10.8	11.0	22.0	11.7	12.2	24.0	12.7
	LV Amps	59.4	106	106	106	59.4	106	59.4	106	59.4	53.1	53.1	100	53.1	53.1	100	53.1
Q002ESCF	HV Amps	62.5	125	125	125	62.5	125	62.5	125	62.5	62.5	62.5	125	62.5	62.5	125	62.5
	KVA	7.50	14.4	15.0	15.6	8.71	16.3	9.10	17.0	9.50	14.4	14.7	29.3	15.6	16.3	32.0	17.0
	LV Amps	79.1	142	142	142	79.2	142	79.2	142	79.2	70.8	70.8	133	70.8	70.8	133	70.8
Q003ESCF	HV Amps	93.7	187	187	187	93.7	187	93.7	187	93.7	93.7	93.7	187	93.7	93.7	187	93.7
	KVA	11.3	21.5	22.5	23.4	13.0	24.4	13.6	25.5	14.2	21.6	22.1	44.0	23.4	24.4	48.0	25.5
	LV Amps	119	212	212	212	119	212	119	212	119	106	106	200	106	106	200	106
Q005ESCF	HV Amps	156	312	312	312	156	312	156	312	156	156	156	312	156	156	312	156
	KVA	18.8	35.9	37.5	39.0	21.8	40.7	22.8	42.5	23.8	35.9	36.8	73.3	39.0	40.7	80.0	42.5
	LV Amps	198	354	354	354	198	354	198	354	198	177	177	333	177	177	333	177
CONNECTION DIAGRAM		2	1	1	1	2	1	2	1	2	4	4	3	4	4	3	4

SELECTION CHARTS

SINGLE PHASE - GROUP C

1. From the top row of the "Selection Chart" locate the high and low voltage combination that is closest to the one you require.
2. Move down that column to the kVA or Ampere rating equal to or greater than the rating required by the load.
3. From the far left column, obtain the transformer catalog number.
4. For dimensional information refer to the specifications table (Group C) on page 10.
5. The corresponding connection diagram is indicated at the bottom of the Voltage / kVA column.



240 X 480 PRIMARY VOLTS		24 X 48 SECONDARY VOLTS														50/60 HZ		
Catalog Number	Low Voltage	200	208	220	230	240	380	416	430	435	436	440	440	450	456	460	480	
	High Voltage	220	229	242	276	264	418	458	473	457	480	462	484	473	479	483	504	
QC05DTCB	HV Amps	2.08	2.08	2.08	1.04	2.08	1.04	1.04	1.04	2.08	1.04	2.08	1.04	2.08	2.08	2.08	2.08	2.08
	KVA	0.46	0.48	0.50	0.29	0.55	0.44	0.48	0.49	0.95	0.50	0.96	0.50	0.98	1.00	1.01	1.05	
	LV Amps	2.29	2.29	2.29	1.25	2.29	1.15	1.15	1.15	2.19	1.15	2.19	1.15	2.19	2.19	2.19	2.19	2.19
QC10DTCB	HV Amps	4.17	4.17	4.17	2.08	4.17	2.08	2.08	2.08	4.17	2.08	4.17	2.08	4.17	4.17	4.17	4.17	4.17
	KVA	0.92	0.95	1.01	0.58	1.10	0.87	0.95	0.99	1.90	1.00	1.93	1.01	1.97	2.00	2.01	2.10	
	LV Amps	4.58	4.58	4.58	2.50	4.58	2.29	2.29	2.29	4.38	2.29	4.38	2.29	4.38	4.38	4.38	4.38	4.38
QC15DTCB	HV Amps	6.25	6.25	6.25	3.13	6.25	3.13	3.13	3.13	6.25	3.13	6.25	3.13	6.25	6.25	6.25	6.25	6.25
	KVA	1.38	1.43	1.51	0.86	1.65	1.31	1.43	1.48	2.85	1.50	2.89	1.51	2.95	2.99	3.02	3.15	
	LV Amps	6.88	6.88	6.88	3.75	6.88	3.44	3.44	3.44	6.56	3.44	6.56	3.44	6.56	6.56	6.56	6.56	6.56
QC20DTCB	HV Amps	8.33	8.33	8.33	4.17	8.33	4.17	4.17	4.17	8.33	4.17	8.33	4.17	8.33	8.33	8.33	8.33	8.33
	KVA	1.83	1.91	2.02	1.15	2.20	1.74	1.91	1.97	3.81	2.00	3.85	2.02	3.94	3.99	4.03	4.20	
	LV Amps	9.17	9.17	9.17	5.00	9.17	4.58	4.58	4.58	8.75	4.58	8.75	4.58	8.75	8.75	8.75	8.75	8.75
QC25DTCB	HV Amps	10.4	10.4	10.4	5.21	10.4	5.21	5.21	5.21	10.4	5.21	10.4	5.21	10.4	10.4	10.4	10.4	10.4
	KVA	2.29	2.38	2.52	1.44	2.75	2.18	2.38	2.46	4.76	2.50	4.81	2.52	4.92	4.99	5.03	5.25	
	LV Amps	11.5	11.5	11.5	6.3	11.5	5.73	5.73	5.73	10.9	5.73	10.9	5.73	10.9	10.9	10.9	10.9	10.9
QC35DTCB	HV Amps	14.6	14.6	14.6	7.3	14.6	7.3	7.3	7.3	14.6	7.3	14.6	7.3	14.6	14.6	14.6	14.6	14.6
	KVA	3.21	3.34	3.53	2.01	3.85	3.05	3.34	3.45	6.61	3.50	6.74	3.53	6.89	6.98	7.0	7.4	
	LV Amps	16.0	16.0	16.0	8.8	16.0	8.0	8.0	8.0	15.3	8.0	15.3	8.0	15.3	15.3	15.3	15.3	15.3
QC50DTCB	HV Amps	20.8	20.8	20.8	10.4	20.8	10.4	10.4	10.4	20.8	10.4	20.8	10.4	20.8	20.8	20.8	20.8	20.8
	KVA	4.58	4.77	5.04	2.88	5.5	4.35	4.77	4.93	9.52	5.00	9.63	5.04	9.84	9.98	10.1	10.5	
	LV Amps	22.9	22.9	22.9	12.5	22.9	11.5	11.5	11.5	21.9	11.5	21.9	11.5	21.9	21.9	21.9	21.9	21.9
QC75DTCB	HV Amps	31.3	31.3	31.3	15.6	31.3	15.6	15.6	15.6	31.3	15.6	31.3	15.6	31.3	31.3	31.3	31.3	31.3
	KVA	6.88	7.15	7.56	4.31	8.25	6.53	7.15	7.39	14.3	7.49	14.4	7.56	14.8	15.0	15.1	15.8	
	LV Amps	34.4	34.4	34.4	18.8	34.4	17.2	17.2	17.2	32.8	17.2	32.8	17.2	32.8	32.8	32.8	32.8	32.8
Q1C0DTCB	HV Amps	41.7	41.7	41.7	20.8	41.7	20.8	20.8	20.8	41.7	20.8	41.7	20.8	41.7	41.7	41.7	41.7	41.7
	KVA	9.17	9.53	10.1	5.75	11	8.71	9.53	9.85	19.0	9.99	19.3	10.1	19.7	20.0	20.1	21.0	
	LV Amps	45.8	45.8	45.8	25.0	45.8	22.9	22.9	22.9	43.8	22.9	43.8	22.9	43.8	43.8	43.8	43.8	43.8
Q1C5DTCF	HV Amps	62.5	62.5	62.5	31.3	62.5	31.3	31.3	31.3	62.5	31.3	62.5	31.3	62.5	62.5	62.5	62.5	62.5
	KVA	13.8	14.3	15.1	8.6	16.5	13.1	14.3	14.8	28.5	15.0	28.9	15.1	29.5	29.9	30.2	31.5	
	LV Amps	68.8	68.8	68.8	37.5	68.8	34.4	34.4	34.4	65.6	34.4	65.6	34.4	65.6	65.6	65.6	65.6	65.6
Q002DTCF	HV Amps	83.3	83.3	83.3	41.7	83.3	41.7	41.7	41.7	83.3	41.7	83.3	41.7	83.3	83.3	83.3	83.3	83.3
	KVA	18.3	19.1	20.2	11.5	22.0	17.4	19.1	19.7	38.1	20.0	38.5	20.2	39.4	39.9	40.3	42.0	
	LV Amps	91.7	91.7	91.7	50.0	91.7	45.8	45.8	45.8	87.5	45.8	87.5	45.8	87.5	87.5	87.5	87.5	87.5
Q003DTCF	HV Amps	125	125	125	62.5	125	62.5	62.5	62.5	125	62.5	125	62.5	125	125	125	125	125
	KVA	27.5	28.6	30.3	17.3	33	26.1	28.6	29.6	57.1	30.0	57.8	30.3	59.1	59.9	60.4	63.0	
	LV Amps	138	138	138	75	138	68.8	68.8	68.8	131	68.8	131	68.8	131	131	131	131	131
Q005DTCF	HV Amps	208	208	208	104	208	104	104	104	208	104	208	104	208	208	208	208	208
	KVA	45.8	47.7	50.4	28.8	55.0	43.5	47.7	49.3	95.2	50.0	96.3	50.4	98.4	99.8	101	105	
	LV Amps	229	229	229	125	229	115	115	115	219	115	219	115	219	219	219	219	219
CONNECTION DIAGRAM		1	1	1	2	1	4	4	4	3	4	3	4	3	3	3	3	3