

**Percentage Voltage Drop Due to Starting
Residential Cooling Units
Single Phase 240 volts**

FLICKER TABLE

A/C Tons	LRA	% Voltage Drop through Padmounted Transf. Transformer kVA						Voltage Drop Through 100 Feet Secondary Conductors		
		25	37.5	50	75	100	167	4/0 UG	350 UG	500 UG
1	35	0.51	0.33	0.26	0.16	0.13	0.08	0.29	0.19	0.15
1.5	48	0.70	0.46	0.36	0.22	0.18	0.11	0.40	0.26	0.20
2	61	0.89	0.58	0.45	0.29	0.23	0.15	0.51	0.34	0.26
2.5	75	1.09	0.71	0.56	0.35	0.28	0.18	0.62	0.41	0.31
3	86	1.25	0.82	0.64	0.40	0.32	0.20	0.71	0.47	0.36
3.5	97	1.41	0.92	0.72	0.45	0.36	0.23	0.81	0.53	0.41
4	118	1.71	1.12	0.87	0.55	0.44	0.28	0.98	0.65	0.49
5	140	2.03	1.33	1.04	0.65	0.52	0.33	1.16	0.77	0.59