

Wiring Gauge Chart

Below are a number of wiring diagrams and basic wiring information.

Minimum Size Copper Wire for Full Power

Motor HP	0 - 50 Feet		50 - 100 Feet		100 - 200 Feet		200 - 300 Feet		300 - 400 Feet	
	115V	230V	115V	230V	115V	230V	115V	230V	115V	230V
1/2 HP	12	-	8	-	6	-	4	-	4	-
3/4 HP	12	14	8	10	6	10	4	10	3	6
1 HP	10	12	8	10	4	10	3	8	2	6
1 - 1/2 HP	8	12	6	8	3	8	1	6	1/0	4
Maximum Voltage Drop 4% for Full Power										