

Contractor Applications

	Approximate Starting Wattage	Approximate Running Wattage
Air Compressor		
1/2 hp	1600	975
1 hp	4500	1600
Bench Grinder (8 in.)	2500	1400
Circular Saw (Heavy Duty, 7 1/4 in.)	2300	1400
Concrete Vibrator		
1/2 hp	840 (avg)	840 (avg)
1 hp	1080 (avg)	1080 (avg)
2 hp	1560 (avg)	1560 (avg)
3 hp	2400 (avg)	2400 (avg)
Demolition hammer	1260 (avg.)	1260 (avg.)
Drain cleaner	250 (avg.)	250 (avg.)
Drills		
3/8 inch, 4 amps	600	440
1/2 inch, 5.4 amps	900	600
Electric Chain Saw (14 inches, 2 hp)	1100	1100
Hand Drill (1/2 in.)	900	600
High-pressure Washer (1 hp)	3600	1200
Rotary hammer	1200 (avg.)	1200 (avg.)
Table Saw (10 in.)	4500	1800
Industrial Motors		
Split Phase		
1/8 Horsepower	1200	275
1/4 Horsepower	1700	400
1/3 Horsepower	1950	450
1/2 Horsepower	2600	600
Capacitor Start Induction Run		
1/8 Horsepower	850	275
1/4 Horsepower	1050	400
1/3 Horsepower	1350	450
1/2 Horsepower	1800	600
3/4 Horsepower	2600	850
1 Horsepower	3000	1000

	Approximate Starting Wattage	Approximate Running Wattage
1 ½ Horsepower	4200	1600
2 Horsepower	5100	2000
3 Horsepower	6800	3000
4 Horsepower	9800	4800
Capacitor Start Capacitor Run		
1/8 Horsepower	600	275
¼ Horsepower	850	400
1/3 Horsepower	975	450
½ Horsepower	1300	600
¾ Horsepower	1900	850
1 Horsepower	2300	1000
1-½ Horsepower	3200	1600
2 Horsepower	3900	2000
3 Horsepower	5200	3000
4 Horsepower	7500	4800
Fan Duty		
1/4 Horsepower	1200	650