

**CURTIS AIR COMPRESSORS**  
**ELECTRICAL DATA INFORMATION CHART**  
**Simplex Outfits, Rotary Screw Outfits**  
**Duplex Outfits with Alternator Panel with Dual Power source**

Horsepower	Motor Amps	Circuit Breaker	Fused Disconnect	Wire Size
2 Hp 1/60/230	12	25 Amp	20 Amp	14
3 Hp 1/60/230	17	35 Amp	25 Amp	12
5 Hp 1/60/230	28	60 Amp	40 Amp	10
7.5 Hp 1/60/230	40	80 Amp	60 Amp	8
10 Hp 1/60/230	50	90 Amp	60 Amp	6
2 Hp 3/60/200	7.8	15 Amp	10 Amp	14
2 Hp 3/60/230-460	6.8-3.4	15 Amp	10-6.25 Amp	14
3 Hp 3/60/200	11.0	20 Amp	17.5Amp	14
3 Hp 3/60/230-460	9.6-4.8	20-15 Amp	15-8 Amp	14
5 Hp 3/60/200	17.5	35 Amp	25 Amp	12
5 hp 3/60/230-460	15.2-7.6	30-15 Amp	25-15Amp	14
7.5 Hp 3/60/200	25.3	50-45 Amp	40-45 Amp	14-10
7.5 Hp 3/60/230-460	22-11	45-20 Amp	30-20 Amp	10-14
10 Hp 3/60/200	32.2	60 Amp	50 Amp	8
10 Hp 3/60/230-460	28-14	60-25 Amp	40-20 Amp	10-14
15 Hp 3/60/200	48.3	90 Amp	60 Amp	6
15 Hp 3/60/230-460	42-21	80-40 Amp	60-30 Amp	6-10
20 Hp 3/60/200	62.1	100 Amp	90 Amp	4
20 Hp 3/60/230-460	54-27	90-60 Amp	80-40 Amp	4-10
25 Hp 3/60/200	78.2	110 Amp	100 Amp	3
25 Hp 3/60/230-460	68-34	100-70 Amp	100-50 Amp	4-8
30 Hp 3/60/200	92	125 Amp	125 Amp	2
30 Hp 3/60/230-460	80-40	110-80 Amp	100-60 Amp	3-8
40 Hp 3/60/200	120	175 Amp	175 Amp	1/0
40 Hp 3/60/230-460	104-52	150 Amp	150 Amp	1-6
50 Hp 3/60/200	150	90-200 Amp	80-200 Amp	3/0
50 Hp 3/60/230-460	130-65	100 Amp	100 Amp	2/0-4
60 Hp 3/60/200	177	250 Amp	250 Amp	4/0
60 Hp 3/60/230-460	154-77	225-110 Amp	200-100 Amp	3/0-3
75 Hp 3/60/200	221	300 Amp	300 Amp	300
75 Hp 3/60/230-460	192-96	250-125 Amp	300-150 Amp	250-1
100 Hp 3/60/200	285	400 Amp	400 Amp	500
100 Hp 3/60/230-460	248-124	350-200 Amp	350-175 Amp	350-2/0
125 Hp 3/60/200	359	600 Amp	500 Amp	2-4/0
125 Hp 3/60/230-460	312-156	450-225 Amp	400-200 Amp	2-3/0 3/0
150 Hp 3/60/200	414	600 Amp	600 Amp	2-300
150 Hp 3/60/230-460	360-180 Amp	600-250 Amp	500-250 Amp	2-4/0 2/0
200 Hp 3/60/200	552	800 Amp	n/a	2-500
200 Hp 3/60/230-460	480-240 Amp	800-350 Amp	600-350 Amp	2-350 350

Footnote: The amp ratings listed in the above charts are nominal and will vary by motor manufacturer.

Amp ratings listed above are for individual motors.

Circuit breaker and fuse sizes are rated for simplex, duplex with dual power source and rotary screw compressors.

Check with local codes before connecting the compressor to an electrical supply.