

NEC (National Electric Code) Recommendations				
All data is based on what NEC code recommends for the given motors at given voltages				
Single Phase Motors				
HP	Voltage	Reccomened Breaker	Reccomended Wire size	Reccomened Fusible Switch
2	115	50	10	30
2	230	25	14	20
3	115	70	8	50
3	230	35	12	25
5	230	60	10	40
7.5	230	80	8	60
10	230	90	6	60
* Wire sized is based on 30ft or less run from main panel				
*NEC recommends copper wire type THW, THW-2, THHW, THHN, THWN, XHHW, THWN-2 or ZHHW-2				
Solid copper wire is not recommended				

Before servicing the compressor or installing any part confirm the power is off to the compressor to prevent electrical shock. If there are any questions or concerns contact factory at 1-800-531-9656 or 972-352-6304

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3 Phase Motors

HP	Voltage	Reccomened Breaker	Reccomended Wire size
2	208	15	14
2	230	15	14
2	480	15	14
3	208	20	14
3	230	20	14
3	480	15	14
5	208	35	12
5	230	30	14
5	480	15	14
7.5	208	50	10
7.5	230	45	10
7.5	480	20	14
10	208	60	8
10	230	60	10
10	480	25	14
15	208	90	6
15	230	80	6
15	480	40	10
20	208	100	4
20	230	90	4
20	480	60	10
25	208	110	3
25	230	100	4
25	480	70	8
30	208	125	2
30	230	110	3
30	480	80	8
40	208	175	1 ought
40	230	150	1
40	480	90	6
50	230	200	2 ought
50	480	100	4
60	230	225	3 ought
60	480	110	3
75	230	250	250
75	480	125	1
100	230	350	350
100	480	200	1 ought

* Wire sized is based on 30ft or less run from main panel

*NEC recommends copper wire type THW, THW-2, THHW, THHN, THWN, XHHW, THWN-2 or ZHHW-2

Solid copper wire is not recommended