

## Fuse & Wire Size Recommendations Resistance Welding Machines (1-Phase AC)

KVA	230-240 VAC		460-480 VAC		575-600 VAC	
	Fuse Size	Wire Size	Fuse Size	Wire Size	Fuse Size	Wire Size
10	40	6	20	8	20	8
15	60	4	30	8	25	8
20	80	2	40	6	35	8
30	125	2 / 0	60	4	50	6
40	175	4 / 0	80	2	70	4
50	200	300 MCM	100	0	90	2
75	300	400 MCM	150	3 / 0	125	2 / 0
100	400	600 MCM	200	4 / 0	150	3 / 0
125	500	(2) 300 MCM	250	300 MCM	200	250 MCM
150	600	(2) 400 MCM	300	400 MCM	250	300 MCM
200	800	(2) 500 MCM	400	500 MCM	300	400 MCM
250	1000	(2) 600 MCM	500	600 MCM	400	500 MCM
300	1200	(3) 500 MCM	600	750 MCM	500	600 MCM

Notes:

1. Recommended sizes for electrical service of 100 feet or shorter.
2. Increase wire size by 10% for every 25 feet of cable over 100 feet.