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## REMCO SUPPORT DOCUMENT

**Title:** Fuse and Wiring Guideline

**Date:** 10/14/2020 Rev: 2

**PURPOSE:** To clarify and organize acceptable power supplies, fuses, and wire sizes for Remco Professional Grade and Power RV pumps.

REMCO Pump Series	Wire Gauge	12 VDC Fuse Size	24 VDC Fuse Size	12VDC Voltage Range	24 VDC Voltage Range
2200/2400 Series (Economy Plus)	16 AWG	5 Amp	N/A	10.8-14.5 (Operational) 12.0 - 13.6 (Optimal)	N/A
<b>Professional Grade Pumps</b>					
3300 Series (1.2-2.2 GPM)	14 AWG	10 Amp	5 Amp	10.8-14.5 (Operational) 12.0 - 13.6 (Optimal)	21.6-27.6 (Operational) 24 - 26.8 (Optimal)
3200 Series (3.5-4.5 GPM)	14 AWG	15 Amp	7.5 Amp	10.8-14.5 (Operational) 12.0 - 13.6 (Optimal)	21.6 - 27.6 (Operational) 24 - 26.8 (Optimal)
5500 Series (3.2-5.3 GPM)	14 AWG-12 AWG	15 Amp (3.2 GPM) 20 Amp (4.0 -5.3 GPM) **If 5.3 GPM Pump is 100 PSI or higher use 25 Amp Fuse**	7.5 Amp (3.2 GPM) 10 Amp (4.0-5.3 GPM) **If 5.3 GPM Pump is 100 PSI or higher use 15 Amp Fuse**	10.8-14.5 (Operational) 12.0 - 13.6 (Optimal)	21.6 - 27.6 (Operational) 24 - 26.8 (Optimal)
Fatboy Series (7.0 GPM)	12 AWG - 10 AWG	30 Amp (Slow Blow)	20 AMP	10.8-14.5 (Operational) 12.0 - 13.6 (Optimal)	21.6 - 27.6 (Operational) 24 - 26.8 (Optimal)
<b>Power RV pumps</b>					
Aquajet Series	14 AWG	10 Amp (ARV) 7.5 Amp (AES)	7 Amp (ARV) 5 Amp (AES)	11.5-14.5 VDC (Low Voltage Protection)	24-26.8 VDC (Low Voltage Protection)
Rebel Series	14 AWG	15 Amp	10 Amp	10.8 -14.5 (Operational) 12.0 - 13.6 (Optimal)	21.6 - 27.6 (Operational) 24 - 26.8 (Optimal)
3200 Series (3.2 GPM)	18-16 AWG	10 Amp	N/A	10.8 -14.5 (Operational) 12.0 - 13.6 (Optimal)	21.6 - 27.6 (Operational) 24 - 26.8 (Optimal)

- All 110/120 VAC pumps are equipped with Thermal protection and are equipped with 3 Prong wall plugs. Fuses and wire gauge are not applicable
- If distance from power source to pump is greater than 120 inches (330 cm) increase wire size