



IMPORTANT

ELECTRICAL INSTALLER! --- PLEASE READ BEFORE STARTING ELECTRICAL INSTALLATION



115 VAC POWER – WIRE SIZES

IT IS IMPORTANT THAT WIRE OF SUFFICIENT SIZE IS INSTALLED FOR THE POWER SUPPLYING THIS UNIT. USE THE TABLE BELOW TO DETERMINE THE MINIMUM WIRE GAUGE TO USE.

TABLE – MINIMUM WIRE SIZES FOR NITROGEN-PAC SC 115 VAC POWER	
LENGTH OF WIRE RUN FROM CIRCUIT BREAKER PANELBOARD TO UNIT	MINIMUM WIRE SIZE (AWG)
Less than 25 feet	12 gauge minimum
Over 25 feet up to 50 feet	10 gauge minimum
Over 50 feet up to 100 feet	8 gauge minimum
Over 100 feet	See Note 1

Note 1 – Over 100 feet, use latest edition of NEC to determine ampacity of conductors to deliver 11 amps minimum at no less than 115 VAC (maximum 4% voltage drop from nominal 120 VAC) under full load.



IMPORTANT

Failure to install wire of adequate size as shown in the above table will result in compressor motor overheat and shutdown. Motor and compressor life will be significantly shortened.