



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 GAGE 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 gage minimum |
| Over 25 feet up to 50 feet | 10 gage minimum |
| Over 50 feet up to 100 feet | 8 gage 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.