



## Tech Memo

**To:** Distribution, Dealers, Reps.      **From:** Scott Snell  
**Copy:** Internal USA      **Date:** 02/22/2017  
**Ref:** NA

**Subject:** 800i Power Requirements.

All Purex 9000 series 800i 120 VAC units sold into the USA should now be marked as having the following power requirements on the serial number plate:

**Part No:** 0805XXX  
**Serial No:** XXXXXX  
**Model** 800i XX  
**Voltage:** 120 VAC • 32 A  
**Frequency:** 50/60Hz  
**Rated Power:** 2.4kW  
**Date Manufactured:** MM/DD/YYYY

The note of 32A is made after the Voltage. This amperage note is made at the request of TUV certification and is required for UL and CSA compliance. This figure is determined based on the following:

- Combined blower motors full potential is 32Amps.
- Inrush at max speed.
- Failure of proper operation of the PCB
- Improper fuses installed

800i units with input voltage of 120 VAC having a power rating of 2.4kW have a fused potential equivalent of 25 Amp. The digital control board limits the operation of the blower motors by controlling the speed at which they can run. In normal operation, the 800i will typically run consuming below 18 Amps.

The use of 120 VAC units require a 20 Amp dedicated circuit (min) to be made available for proper operation.

Please take the above into consideration in all sales and service efforts.