



Solar HVAC Residential Condenser Specification

Certifications

- Unit should be UL 1995 listed
- Unit should be OG-100 Certified to the Solar certification on ICC901/SRCC100
 - OG-100 Certification will allow the customer to get both Federal and State solar rebates, incentives, and tax credits

Unit Requirements

- Unit shall be equipped with an OG-100 rated solar panel that is more than 65% effective
- Solar panel is utilized to heat the refrigerant in the circuit in lieu of providing electricity to run the unit
- The solar panel film must be made of a material that utilizes all light rays and can work in indirect sunlight
- Unit must be equipped with a variable frequency driven compressor
- The VFD on the compressor will have a feedback loop that will modulate up and down to keep the pressure in the system operating at normal pressures. On/off compressor operation is not permissible.
- Unit designed to Miami-Dade County wind ratings
- Units Made with at least 55% product Made in America

ultraRES Option

- Unit will have a Solar HVAC Solar condenser as described above
- Unit will also come with an air handling unit (AHU)
- AHU will have ionization installed to actively clean the air
- Unit will come with 4" filter box and MERV13 filter
- Unit will come with VOC sensor to monitor indoor air cleanliness