

In this edition of "Tech Tips", we highlight two versions of condenser fan controls used on our eAPUs; Gen 3.6 (serial number begins with 36) & Gen 3.7 (serial number begins with 3.7)

Gen 3.6 eAPUs

- Condenser fan is 12 VDC
- Controlled by relay in FRU (outside unit)
- Relay is energized by 120 VAC from compressor circuit when energized
- Fan power (12 VDC) comes from battery bank to relay

Gen 3.7 eAPUs

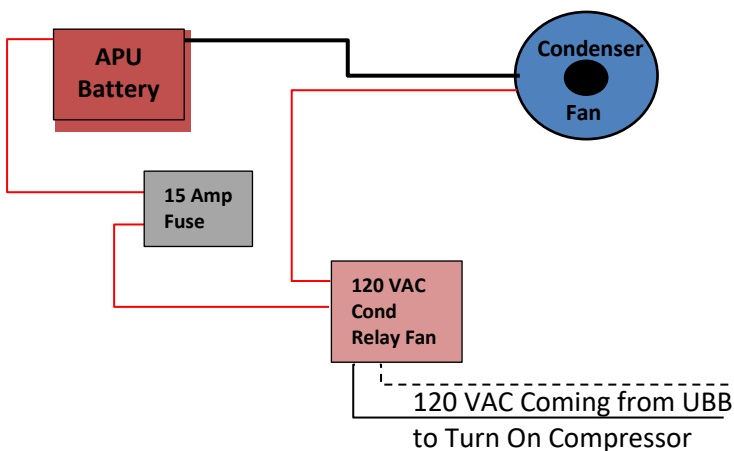
- Condenser Fan is 12 VDC
- Controlled by relay in UBB (under bunk)
- Relay energized by 12 VDC coming from pressure switch near compressor
- Pressure switch turns on fan at >155 PSI
- Pressure switch turns off fan at <105 PSI or

Basically on 3.6 systems the condenser fan runs 100% of the time the compressor is running. On the 3.7 systems the fan runs based on pressure. Remember to look at the serial number to determine how your fan will work.

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GEN 3.6 CONDENSER FAN CONTROL CIRCUIT DIAGRAM



GEN 3.7 CONDENSER FAN CONTROL CIRCUIT

