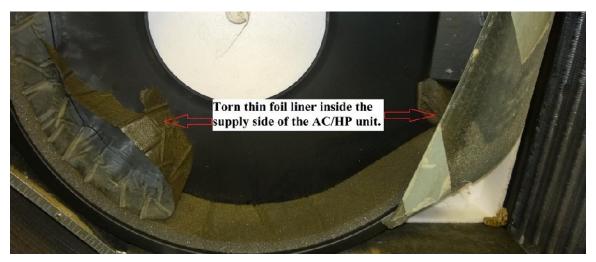


## 2010 43QGP Allegro Bus

## 8/24/2015

## 124 - FYI – REMOVAL OF ALUMINAM FOIL LINER INSIDE THE SUPPLY CHAMBER OF THE COLEMAN AC/HP UNIT. After four plus years the rear unit began shredding small pieces of thin aluminum foil. We were 10 weeks into our 13.5 week trip so the unit was turned off until repairs could be made when we returned home. The photo below shows the foil torn in half and loose inside the supply side of the rear unit.



Below is the squirrel cage blower used to circulate air flow inside the coach.





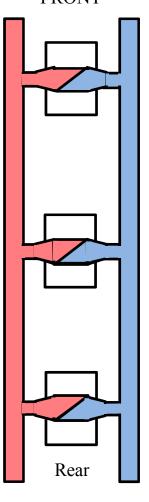
The following is a diagram of the coaches AC/HP duct system.

**FRONT** 

Each AC/HP plenum is ceiling foam, separated air chambers, the left **RETURN** duct running coach while the right **SUPPLY** duct running the coach.

While the only unit unit, decided to be safe well I did as the foil on showing signs of losing insulation.

While everything was checked making sure of damage.



installed inside the coaches diagonally to provide two chamber shown in **pink** is the on the driver's side of the chamber shown in **blue** is the down the passenger side of

shredding foil was the rear and check all three units. As the other two units was its grip on the foam

apart the fan blades were all there were no cracks or signs



A total of thirteen (13) sheet metal screws secure the metal **RETURN** and **SUPPLY** case together. Usually these screws are installed prior to the application of the aluminum tape sealing the chamber. Four of the thirteen screws are installed thru the two shroud support brackets they are 90 ° (horizontal) to the other 9 screws, those four screws are hard to access for removal and even harder to re-install. Today was another case of providing blood to appease the coach, it appears anytime I get serious about working on the coach blood flows and it is not easy to remove from white fiberglass roof of the coach.