

Upgrading your Aether to a Flux

Parts Supplied:

Flux Separation Chamber

Drilling Template

3 PVC adapters (L, C, R)

(4) ¼"-20 x 1 1/2" Machine screws and nuts

(2) ¼"-20 x 1 1/4" Machine screws and nuts

(3) #8 – ½" sheet metal screws

Tools required

Drill w/ 1/8" and 1/4" bit

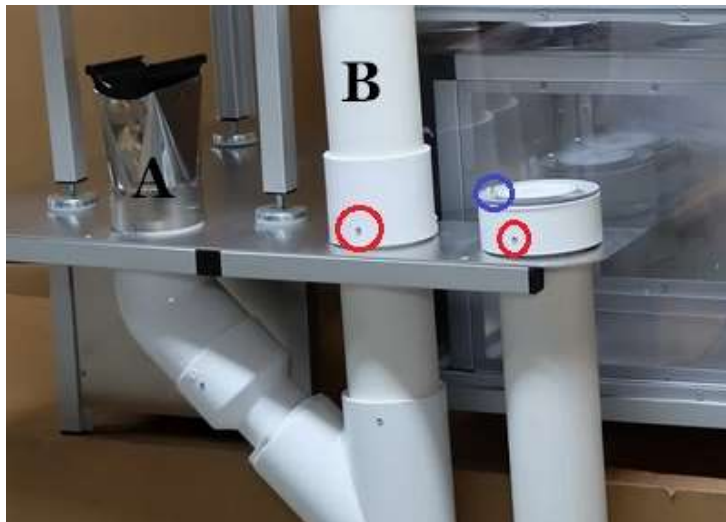
Phillips head screw driver

Procedure

Removing the PVC from the Aether

Remove the Square to Round (A) and Transfer pipe (B)

- Using the 1/8" drill bit, drill out the 2 rivets on the Aether PVC as shown in Red
- Remove the machine screw and nut shown in Blue from the Discriminator valve.



- Remove the lower PVC.

Modifying the Aether

- Place the Template provided onto the Aether platform, aligning the 3 3" PVC holes. The round corner will be in the front right.
- Remove the sheet metal screws from the PVC and put aside for later.
- Insert the Center (C) and Right (R) labeled PVC.



- Using the 1/4" drill bit, drill 5 holes in the Aether platform.
- The two in the back (shown in Green) are only through the Aether platform.
- Drill out the three in the front (shown in Yellow) through the Aether Platform and FIRST layer of aluminum square tube ONLY.

It is very important that you do not drill through the lower side of the aluminum square tube or the holes may not align.

- Remove the two pieces of PVC and the template.
- Remove the bolts holding the platform to the Vacuum Chamber of the Aether and remove the platform.
- Turn the platform over, place the Template in place and insert the two PVC piece to align and lock in the Template.
- Using the 1/4" drill bit, drill the three remaining holes on the underside of the square tube.
- Verify the 1/4"-20 bolts provided goes easily through the Template, square tube and top of the Platform. If they do not you may need to gently use the 1/4" drill bit to open up the holes by going through all layers.
- Remove the PVC, Template.

Installing the Flux Separation Chamber

- Remove the cover from the Flux Separation chamber.
- Have the 1/4"-20 Machine screws and nuts at hand.
- With the platform upside down on a flat and secure surface bring the 3" holes off the edge.
- Either clamp the platform to the surface or have another person hold it in place.
- Place the Flux Chamber into position, upside down.
- Starting from the front right (the left side when turned back over), install 1/4"-20 x 1 1/2" Machine screw and nut.
- Work your way across the front, with the shorter 1/4"-20 x 1 1/4" Machine screws and nuts.
- Install the remaining 2 1/4"-20 x 1 1/2" Machine screws and nuts in the rear.
- Tighten all the Screws and nuts with the Phillips head screwdriver.
- Install the bolt and slide cover for the Discriminator valve.

Installing the PVC fittings.

- Insert the three PVC fittings into their appropriate positions. R for Right, C for Center, L for Left. These will be backward currently due to the Flux being upside down.
- From the back of the Flux, secure the PVC with the three #8-1/2" sheet metal screws.
- Carefully turn the platform and installed Flux over and attach it to the Vacuum Chamber of the Winnower.
- Install the Deflection screens.



- Put the cover on the Flux, securing all 4 latches.
- Place the Husk Transfer Tube (D) back in place

Your Flux Conversion is complete



1 - Vacuum Chamber

2 - Support Platform

3 - Hopper Stand

4 - Hopper

5 - Husk Bin

A - Discriminator Valve

B - Vacuum Adjustment Valve

C - Hopper Slide Plate

D - Husk Transfer Tube

E - Attachment points

F - Champion Juicer Adapter

G - Flux Separation Chamber

H - Deflection Screens (2)