

Denray Machine

Cartridge Filter Cleaner



A machine to clean basic dust out of ROUND Cartridge Filters
Will not work for oval filters.

With optional small head Minimum inside Diameter of 3"
Standard Heads 7-1/4" for 8" inside filters, 9-1/4" for 10" to 13" inside
Length of filters can vary from 8" to 34" inside length.

Denray designed this to clean filters that fit inside the dust tables and
booths that they build.

Many other companies FILTERS will fit in here also. T

This machine is not designed for a production filter cleaning process.
For best operations designed for wood, stone, sealer-laquer dry dust.
Filters that have a wire wrap on the outside will not clean very well
because the wire wrap holds dust in and prevents the pleats from
expanding out under air pressure.

Compressed Air

You will need more volume than normal, Need a minimum of 3/8-1/2"
line to feed the machine. A minimum of 100 psi, and 125-140 works better.
A 1/4" air hose line to feed the machine will not work.

Vacuum Cleaner

The vacuum has 2 different purposes.

1. When compressed air is blown into a sealed vessel, the air has got to go somewhere. So the vacuum will suck up the extra incoming air.

The bulk of the dust will settle on the bottom of tank where the filter is cleaned.

2. After 2-5 filters are blown out there will be several gallons of dust in the bottom. So the hose is hooked to the tubes to reach down inside the tank to suck out the dust.

Why can not the bottom be sloped enough so the dust can slide into the hose? If the bottom is sloped enough to do that, the machine would have to be way taller than an operator could reach down into.

Hooked to Dust Collector

Yes when ordered to fit for a dust collector, it can be hooked to collector preventing being hooked to vacuum cleaner. When ordered for dust collector the bottom has a small slope.



Extra Head

Extra head storage

The machine comes with a 7.25" and 9.25" head. It comes with 1 swivel attachment, If you change sizes often you may consider an extra swivel attachment. If one size is mostly used changing the head will take about 10 minutes. You can see the 9 machine screws in the picture remove the screws and change the heads. **WARNING** be sure the hole in the the metal swivel attachment is blowing out of the plastic head. If the head is not turning be sure to see if there is adequate VOLUME of air to turn the head. It has been ran several times at the factory, checked for balance and proper speed.

Box for extra bolts and nuts for the heads





LED Bulb flash light to shine inside machine to make a visual of the amount of dust being blown out of the filter.

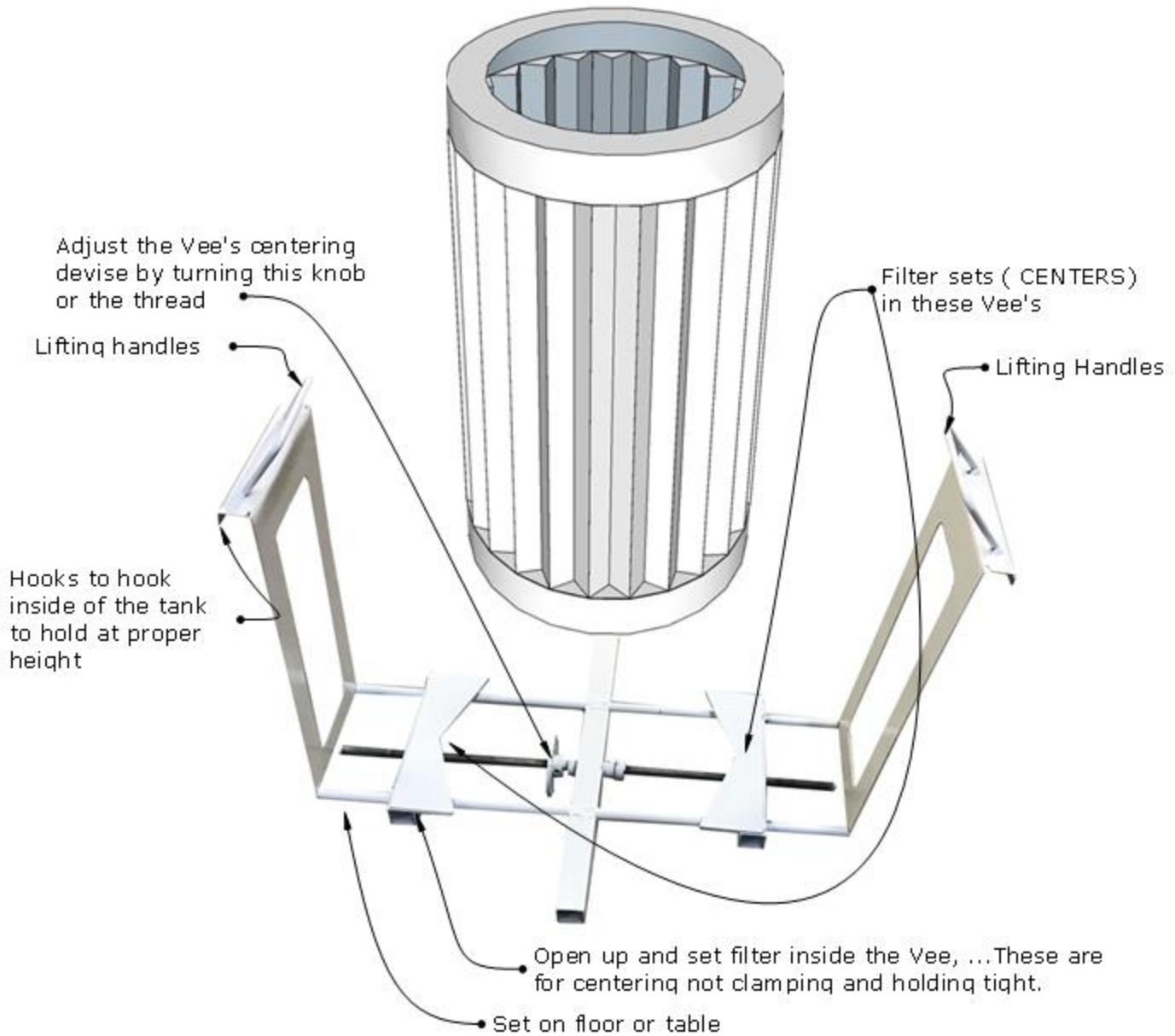
The window so the operator can see if the dust has been mostly blown out or it is still blowing out and needs to continue blowing out.

When are you done? when there is just a little amount of dust coming out. May take several minutes to complete nasty filters.



Filter Holder

The first set up for a new size is done outside the tank



Once you have a size set you can pull out filters and change same size of filters with out pulling out the filter holder.
On size change the filter holder will need to come out and the centering device will need to set on floor or table, and the Vee will need to be moved to fit the new size.