

REVERSE PULSE FILTER

MODEL RPF-600

SETUP & OPERATING INSTRUCTIONS

MANUFACTURED BY:

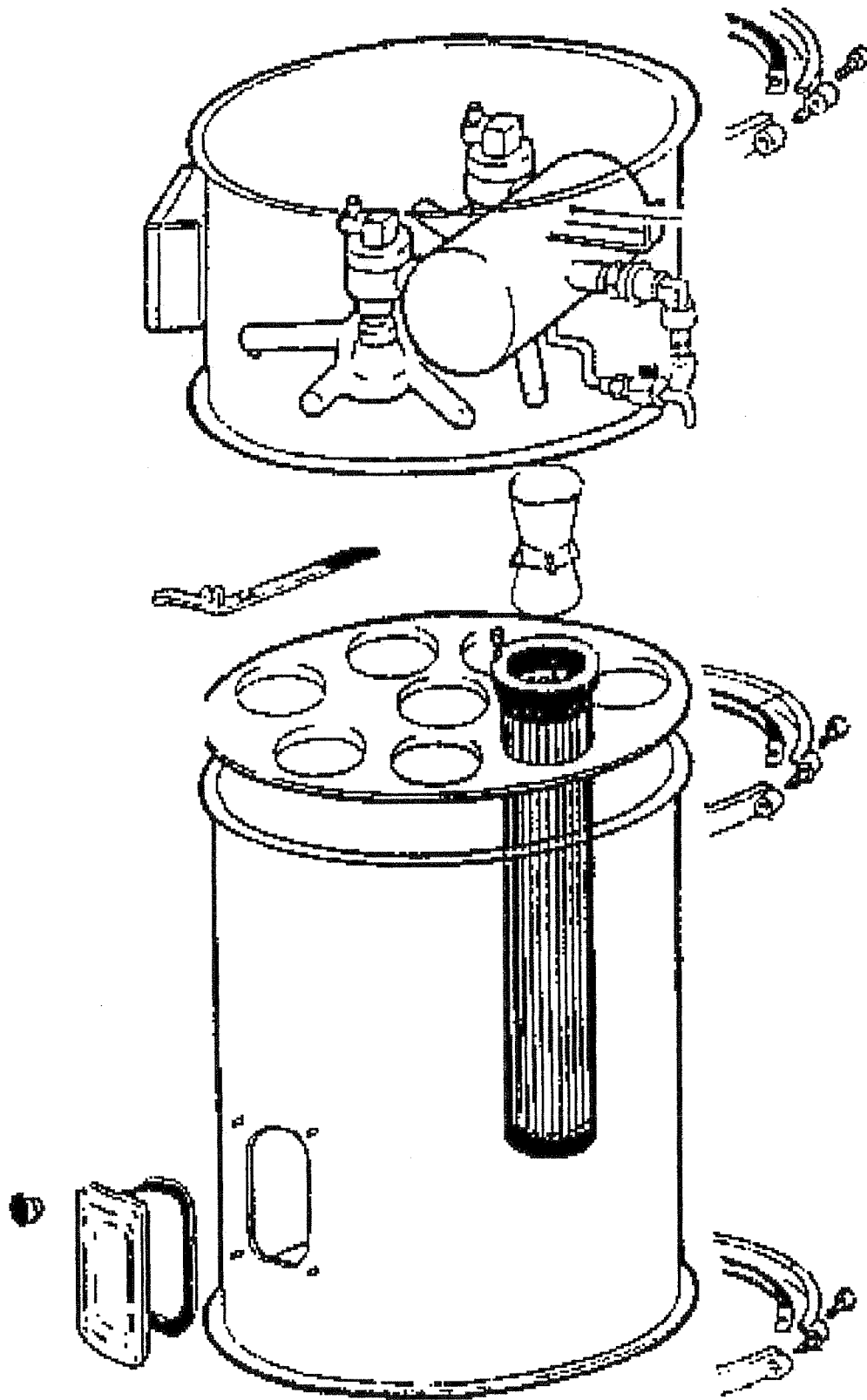
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SET-UP

- Locate Grounding Lug on upper and lower chambers.
- Stack the upper unit onto lower unit and align Grounding Lugs.
- Smooth or flatten Flanges for close fit.
- Stretch rubber gasket onto Flanges by opening the slit and sliding gasket over the Flange. CAUTION: Do not let unit rotate while gasket is being installed.
- Make sure gasket is fully seated onto Flange.
- Attach two-piece metal clamp ring over gasket.
- Draw clamp ring tight.
- Attach Grounding Wire to upper unit Lug.

HOSE CONNECTIONS

- Connect red-banded air supply line (non-filtered) to Tank Supply inlet. Push tubing into fitting to lock in place.
- Connect unmarked air supply line from filters to Timer inlet.
- Connect 3"X 8" Hose with Hopper Lid to air inlet of Reverse Pulse Filter.
- Connect 3"X 8" Hose from top of Reverse Pulse Filter to the HEPA filter inlet (or vacuum source).

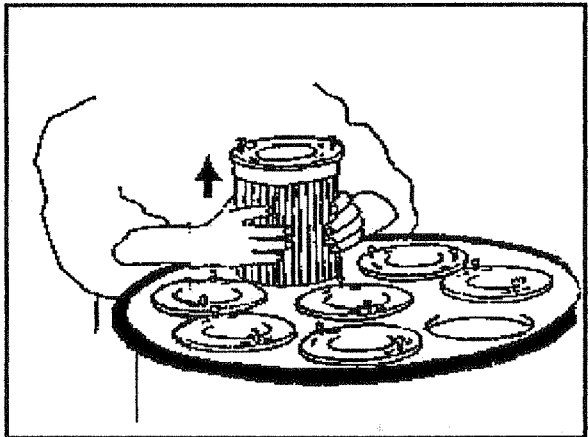
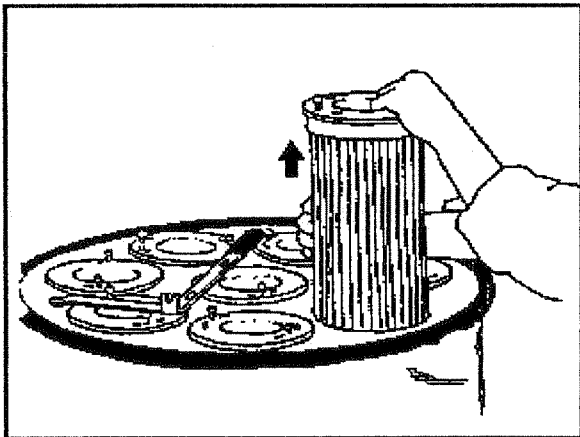
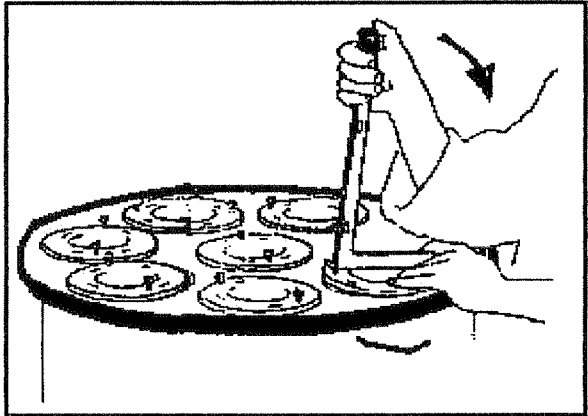
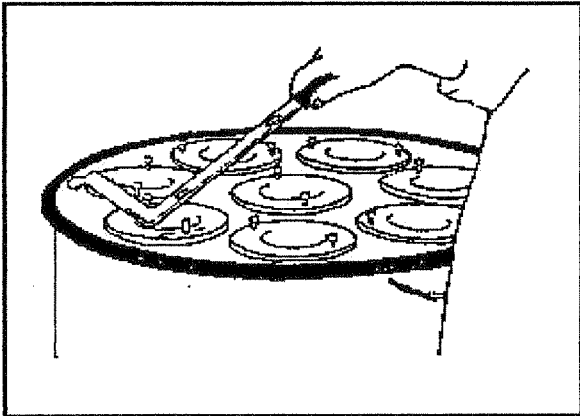
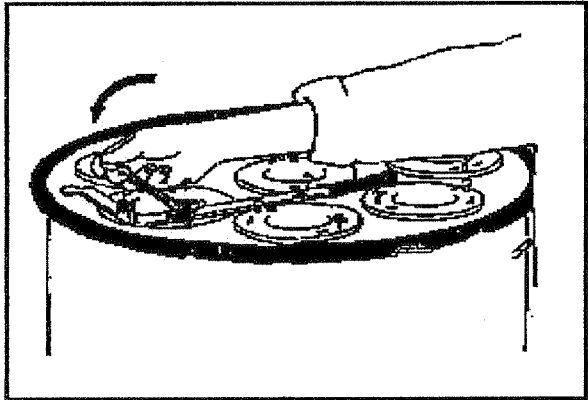
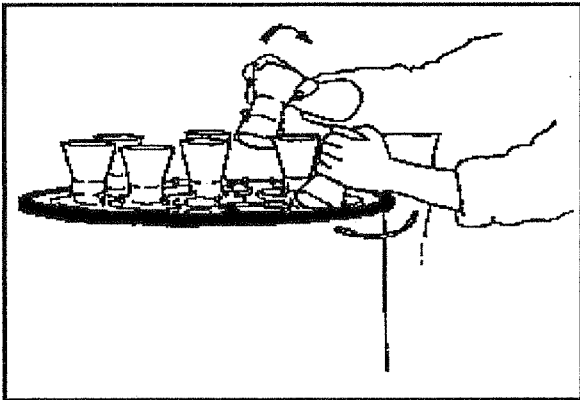
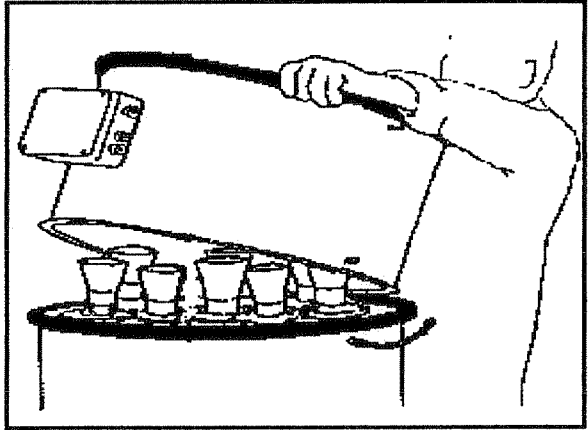
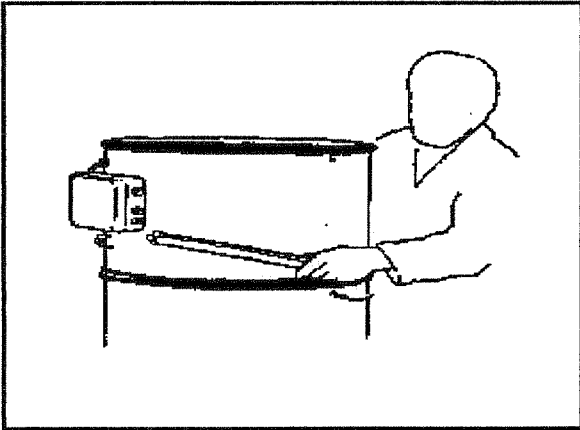


OPERATION

- Timer unit is factory set for pulse delay.
- Unit will not operate (pulse) unless vacuum is on.
- Empty lower hopper by manually opening clean-out valve. Close tightly before restarting. CAUTION: Do not open clean-out valve when unit is in use.
- Drain upper pulse tank occasionally. Petcock valve is located on top housing.
Open valve slowly, close when moisture stops draining.

FILTER REPLACEMENT

- Shut off compressed air supply to Reverse Pulse Filter.
- Remove hose from top of Reverse Pulse Filter.
- Remove the two signal lines from timer unit.
- Remove Grounding Wire from the top of the pulse section. (Top, short section)
- Remove clamp ring & gasket holding top pulse section only.
- Remove top pulse section.



HEPA FILTER INSTRUCTIONS

NOTE: A PRE-FILTER MUST ALWAYS BE USED WITH THE HEPA FILTER PACK.

SET UP: To set up the HEPA filter pack:

1. connect the HEPA filter input to the pre-filter output with the 3" (red band) jumper hose.
2. connect the HEPA filter output to the Vacutrans with the 2" (yellow band) jumper hose. Assuming all other connections are in place the HEPA filter pack is now ready for use as part of the "Blast N' Vac" vacuum blasting system.

CARTRIDGE REPLACEMENT: Continued use of the filter pack will require periodic replacement of the filter cartridge. The following steps outline the procedure for changing the HEPA filter cartridge.

1. Remove all bolts from the inlet cover (red band side) and separate cover from filter housing unit.
2. Release hold down springs.
3. Remove spent cartridge from housing unit.
4. Insert new filter (gasket end first) into filter housing unit. Securely seat new filter and latch hold down springs into place.
5. Replace inlet cover and bolt it into place (DO NOT DISTORT FLANGE).

CAUTION: WHEN DEALING WITH HAZARDOUS MATERIALS PROTECTIVE CLOTHING AND BREATHING PROTECTION APPARATUS SHOULD BE WORN AT ALL TIMES. DISPOSAL OF SPENT CARTRIDGE SHOULD BE IN ACCORDANCE REGULATORY GUIDELINES.

