

OPERATING INSTRUCTIONS

3696B



DENRAY MACHINE	
(800) 766-8263	
MODEL NUMBER	3444B Super
SERIAL NUMBER	475389
MOTOR HP	3
AMP	15.0
VOLTAGE	220-1Ph / 60 Hz
FAN TYPE	18" Comfri Fan
MFG DATE	10/29/18
FILTER NUMBER	EO 5814
TABLE NUMBER	9017
SWITCH TYPE	A16S2 Overload TF42-29
<small>Light Bar--Spun Bond--HEPA Bank--Plastic Top 7" Vise ----0 Hp 18" Fan</small>	

To find YOUR tables pertinent information please locate the table sticker on your table.

*Please note the image above is a "generic" table sticker for visual purposes only! The table sticker on your machine reflects how it left the manufacturer and does not reflect any after-market changes made by previous owners. If you have questions please call Denray Machine at (800) 766-8263.

WARRANTY

This Machine is covered with a 12 month warranty. The warranty covers replacement parts, except filters and wooden top (if applicable). The only way Denray will cover the labor is the work must be done by Denray at Denray's Facility. The shipping must be provided by the customer (owner of the machine) both ways. You may contact the dealer you purchased the machine from, and discuss with them, the possibility of their assistance in helping to solve the problem in your facility. Denray assumes or accepts no responsibility more than the cost of the machine. In the case of repair Denray will determine either to fix or replace the product. Denray reserves the right to modify or change the design of this and any model of their machines, without changing or updating any previous manufactured machine. The warranty will not cover any damage done by fire or any other act of nature or if abuse or improper maintenance was or was not performed.

Never Allow Any Unauthorized or Untrained Person To Operate This Machine

Lockout and tagout any time maintenance is performed on this machine

WARNING

NEVER GRIND OR SAND ANY ALUMINUM OR MAGNESIUM, OR ANY SPARK CREATING PRODUCT ON THIS MACHINE

Filters are the main need of maintenance, the cleaner the filters are kept the better the machine will perform. This machine may be equipped with timers to clean the filters, every so many minutes a pulse of air will be released into one of the filters, and a few minutes later the other filter will be pulsed, the time is needed to refill the tank. The time between pulses are adjustable, refer to the electrical diagram. Warning: If the time is reduced between pulses the filter may plug up reducing the machines performance. The filters can also be pulsed with the machine off, it may blow dust back into the work area, so caution should be used here, pulse the machine then turn machine on to pull dust back into the filters.



The filters will clean better with the machine off. You may shut the machine off and before it slows down to a complete stop, pulse the filter and allow the fan to prevent the dust from exiting the filter compartment. Filter replacement number is on the gold sticker on the outside of the machine. Be sure to replace with same type of filter or a filter made of polyester media.

4-Cartridge Filters 99.95% efficiency down to .5 micron

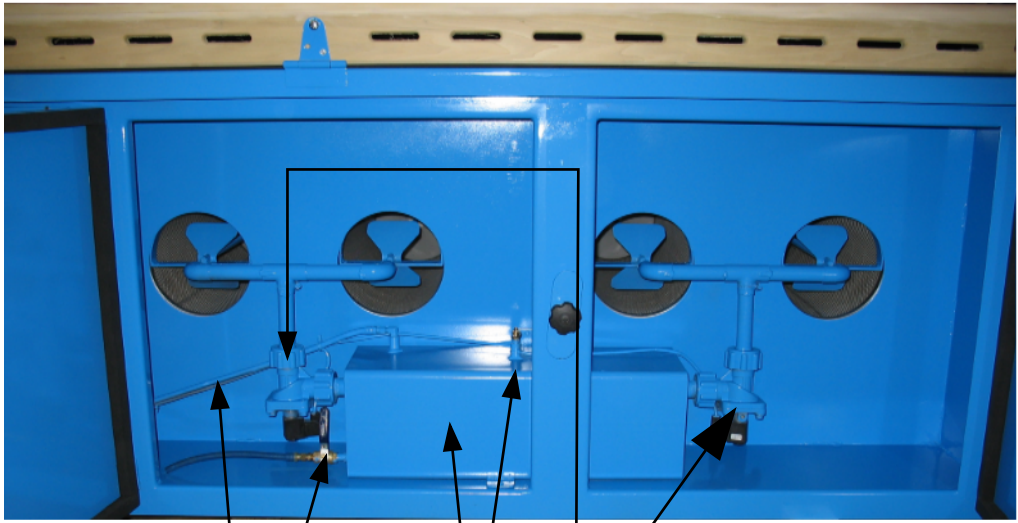
Clean Dust Drawer regularly, as needed

Filter replacement number is located on the gold sticker on the machine. MUST replace with the proper filter

Motor Compartment



Never Open Filter Door While Machine is Running



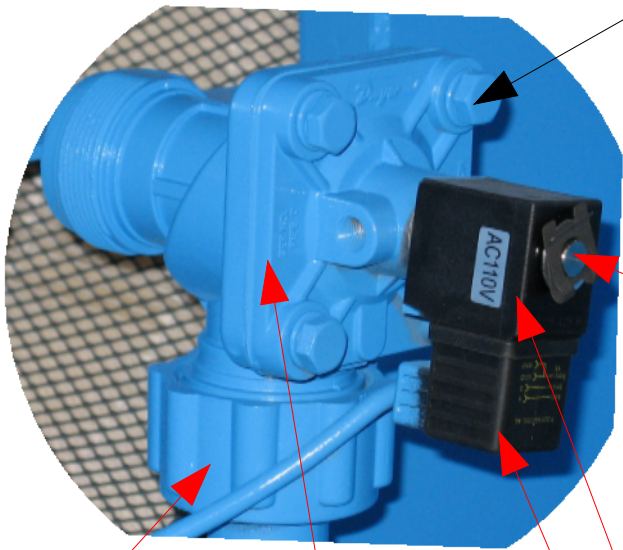
Air Tank

Incoming airline bring in 90-120 Psi

Drain Moisture from tank daily, and provide clean dry air from factory compressed air

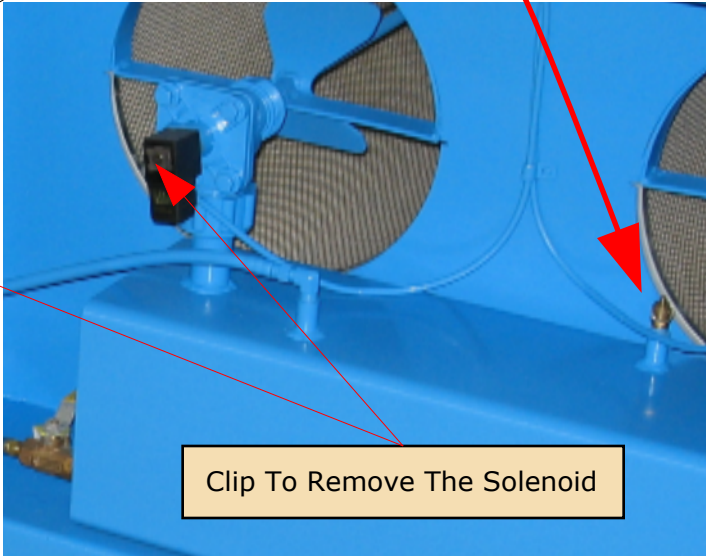
150 PSI Pressure relief valve, 1/4" NPT Male, if you have air leaking from the tank area, this is the 1st place to check.

Valve to clean 2 filters. 1 valve cleans these 2 filters, then the air refills the tank and then the other valve cleans the other pair of filters.



Valve to release air into the filters to clean them

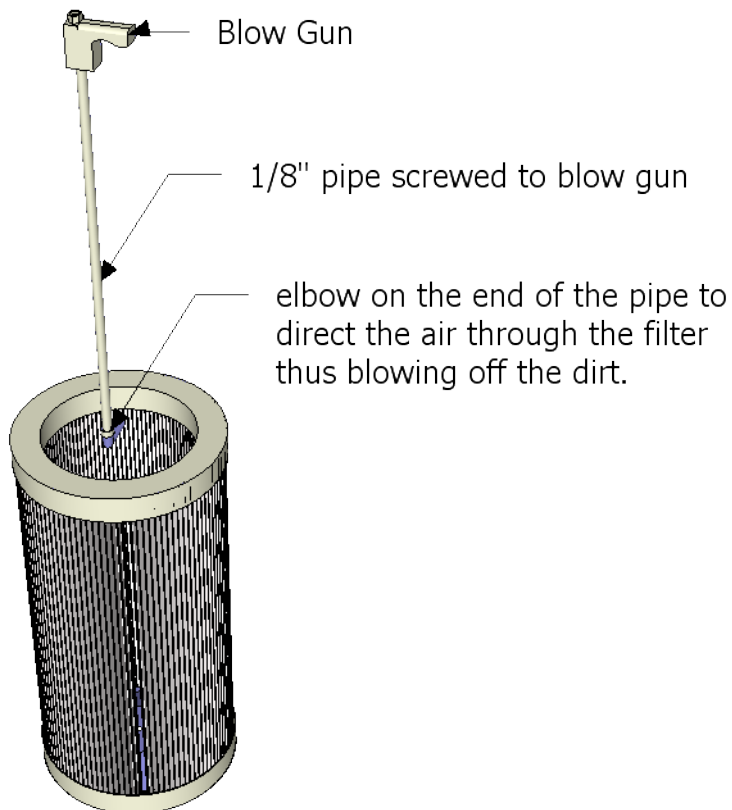
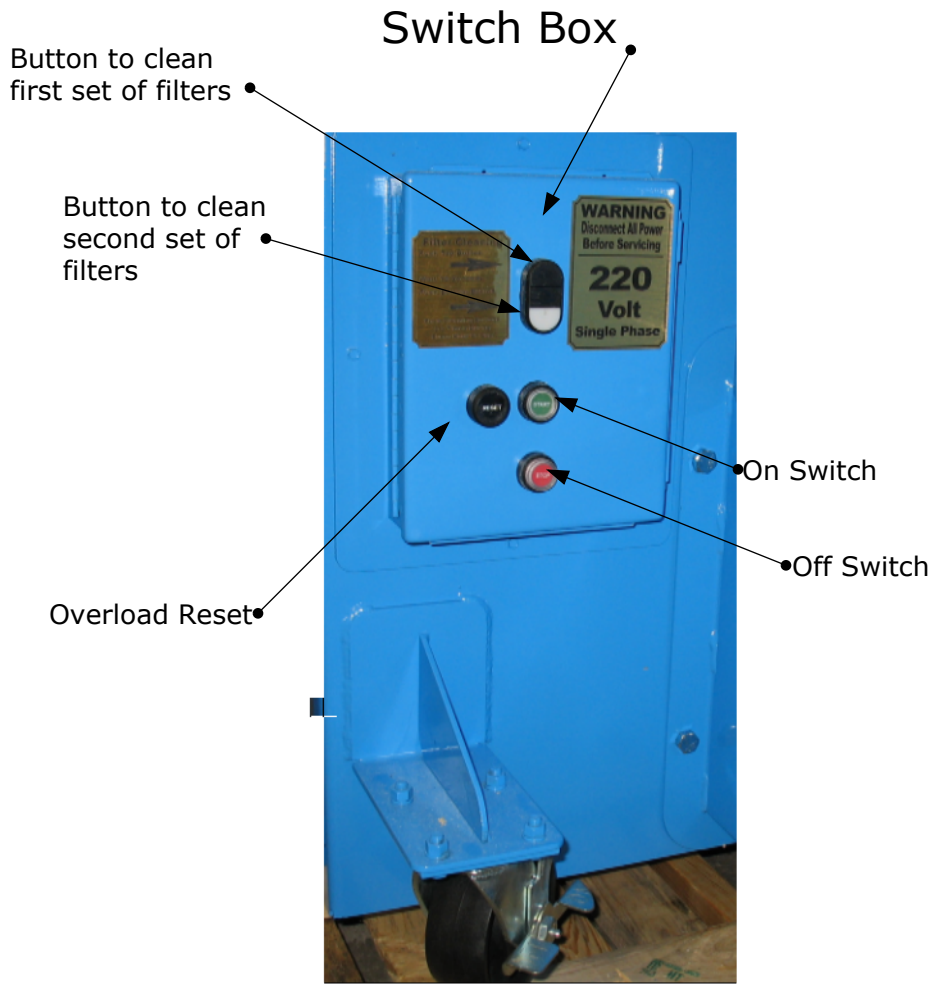
Compression nut that holds valve to the tank. Always apply a small amount of either grease or oil to the threads when reassembling to the tank.



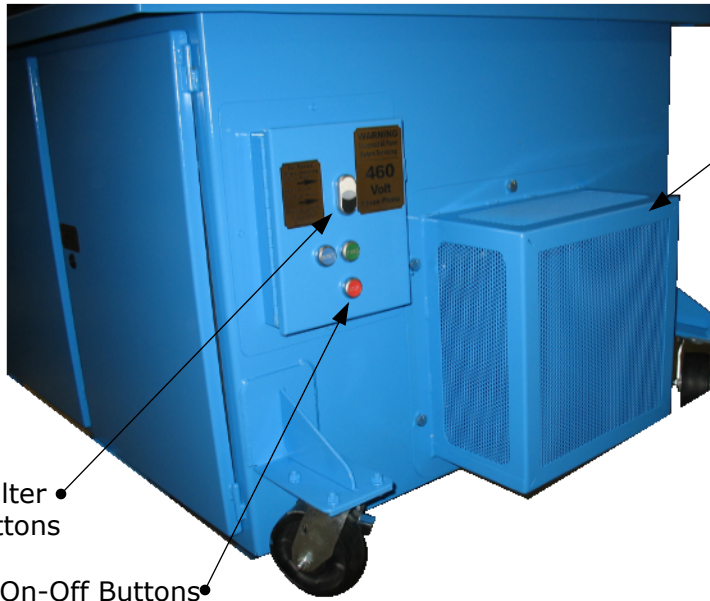
Clip To Remove The Solenoid

Solenoid to activate the valve 120 Volts

Electrical Plug that screws on the solenoid by one screw



Filter Cleaning is almost the only thing that has to be done to maintain these machines. No lubrication to maintain. The cleaner the filters are kept the better the machine will perform. The dirtier the filters the harder it is to pull air through them.



Basic Exhaust air Diffusser
• Causes the air to exit out under low pressure

Manual Filter Clean Buttons

On-Off Buttons

Muffler brings exhaust air off the floor and work area. Quiets the sound level by 10-12Dbs



Optional Casters

HEPA Filter Bank

Has 4-24x24x12inch HEPA filters, 99.97% eff to .3 Micron
Only the exhaust air that goes through the cartridge filters are trapped in the HEPA



Can be added to later models.
• When ordered with the machine the machine is equipped with one size larger fan to compensate for the air restriction