

OPERATING INSTRUCTIONS

2872B



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 ---- 3 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

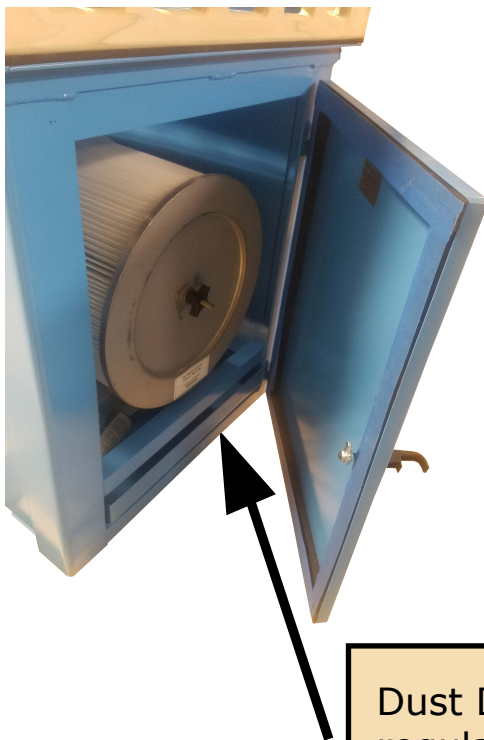
This Machine is covered with a 12 month warranty. The warranty covers replacement parts, except filters and wooden top (if applicable). The only way Denray will cover the labor is the work must be done by Denray at Denray's Facility. The shipping must be provided by the customer (owner of the machine) 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 STEEL 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 is 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 manual push buttons are the black and white buttons on the switch panel door. Push one button wait 10 seconds to allow air tank to refill and pulse the other button. This manual procedure needs to be done 3-5 times per hour if the machine is not equipped with timers to activate



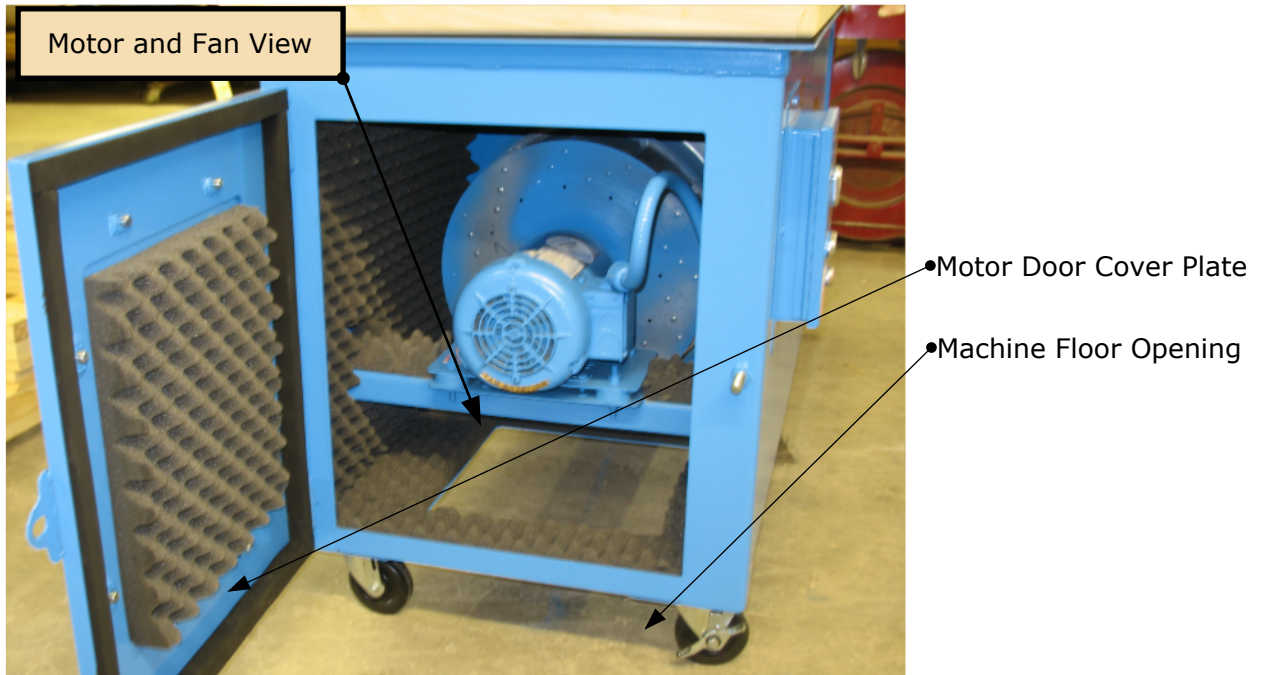
The filters will clean better with machine off, you may shut machine off and before it slows down to a complete stop, pulse the filter and allow the fan to prevent the dust from exiting the filter compartment. Filter replacement number is on the inside of the filter door. Be sure to replace with same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

Dust Drawer Clean regularly, as needed

2872B Additional Options

This machine is equipped with the option of sound reducing foam by placing the foam inside the motor and fan compartment. It reduces the sound around 7-8 Dbs Muffler reduces 10-12 Dbs.

If a muffler is desired, it can be added by removing the cover plate on the motor door, and placing it on the machine floor opening, and bolting the muffler to the door



Any Questions Call Denray Machine at 800-766-8263

2872B Inside View

To access these parts of the machine the access panel above the motor compartment must be removed. This can be removed by removing the 5/16" Hex head screws and lifting the panel, removing from the black colored seal, will be a little tough. The panel will be slightly stuck to the seal. A flat blade screw driver or a flatbar will be a great asset in the lifting the panel up.

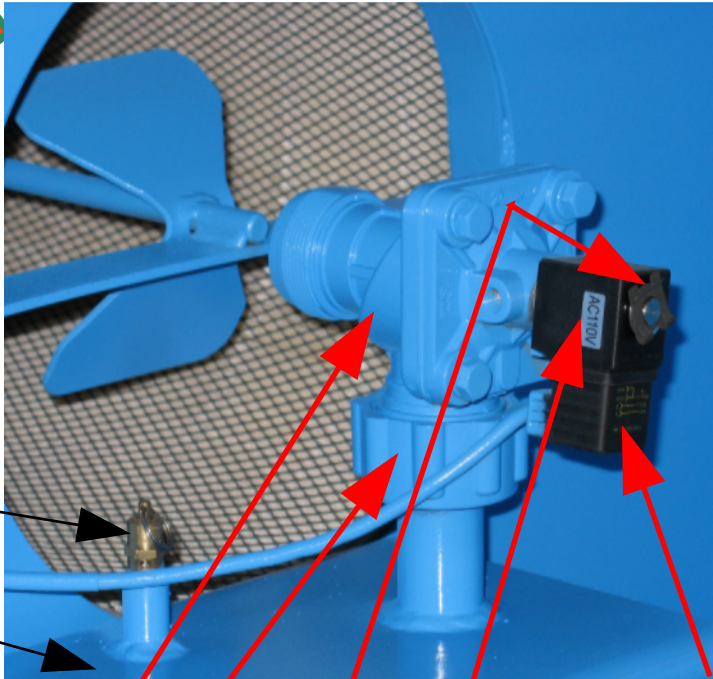
Never Open Any Door While Machine Is Running

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.

Air Tank

Valve to release air into the filter to clean it

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.



Electrical Plug that screws on the solenoid by one screw

Clip that releases the solenoid from the valve

Solenoid to activate the valve 120 Volts

Incoming airline, 90-120 PSI

There are a few different ways to hook the compressed air into the machine. The tank needs to be drained on a frequent schedule. With the inlet and drain on the bottom of the tank and the machine. Denray had to quit placing the inlet and drain pipe to the machines due to the breakage. Then sending the needed parts became a hassle because whatever we sent, somebody always wanted something else, so we just make the recommendation. A simple line in will work fine, but to drain the water from the tank, will waste air and may blast the moisture over an undesirable area. That may be done by disconnecting the hose or air line. The left piping picture shows that.

The same pipe fittings and two 1/4" Brass valves will make this job so much easier. With the two valves turn the one allowing air into the tank off. Then just barely open the valve that tees off draining any moisture in the tank. Draining the moisture will lose very little air. But the incoming air must be turned off, or no moisture will leave the tank. This piping method will allow the air line to stay hooked up to the machine, and drain the tank. With this method the airline can be removed, leaving the air in the tank. This method will drain the moisture out, by barely opening the valve allowing the moisture to just drip out, or spray out with very little pressure allowing the moisture spray out on the floor. A short hose may be used to place the moisture into a small can for disposal.

