

OPERATING INSTRUCTIONS

9600G



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. 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,
ON THIS MACHINE

WARNING
NEVER Replace Filters with any filter not treated with
FLAME RETARDANT CHEMICAL

**BE PREPARED OF WHAT TO DO IN THE VERY
RARE CASE OF A FILTER FIRE**

Install A Fire Extinguisher Close By
In the very rare case of a filter fire leave the machine on
Take extinguisher and release contents into the machine at the top.
Then Shut Machine Off
Open filter compartment and verify if fire has been totally extinguished
Being prepared is the very best prevention

Filter Compartments



Water Pan

The water pans are designed to help prevent hot sparks and particles from entering the filter compartment. 1/4-1/2" of water must be kept in the pans at all time sparks are created on the surface. The pans will stop alot of particles from entering the filter area, so the pans will have to be cleaned of the crud that collects in the pan. Evaporation will be a factor that needs to be monitored while machine is being used.

If found that water seams to sour add a couple tablespoons of bleach or vinegar. This only occurs if the machine is used occasionally and water sets in pan for lengthy times.

Filters in GRIND tables are SPUNBOND MEDIA 100% polyester. This media has a much higher cloth to air ratio, and cleans better by pulsing than paper or blended media. The efficeincy is 99.95% at .5 Micron.

Filter replacement number is on the inside of door
The filter number is also on the serial number tag on the machine close to the switch.

Contact DenrayMachine at 800-766-8263
Or the Dealer you purchased machine from.
for filters



Motor Switch Cover And Magnehelic Gauge



Either 230 or 460 Volt Tag
If voltage is changed, the
proper voltage tag is on the
inside of the switch door

Cleans The Filters, Push One
Switch, Wait 10-15 Seconds to let
air tank refill, Then Push Second
Button.

This Machine is Equipped with Timers
to clean the filters automatically
while the machine is running.
These buttons allow the operators to
clean filters while machine is not
running.

IF dust is blown out the top when not
running then pulse one set and turn
machine on to pull dust back down.
Anytime filters can be cleaned with
machine not running, the filters will
clean better.

The cleaner the filters are kept the
better the machine will perform.
Filters can not be cleaned to much.
A lot of cleaning does consume a lot of
air. The timers can be changed in your
plant, Welding/Grinding should be set
somewhere between 4-8 minutes,
CHECK TIMER PAGE

Motor On Switch

Motor Off Switch

Motor Reset Switch

Magnehelic Gages Are
Optional On Some
Machines, So Your Machine
May Not Be Equipped With
A Magnehelic Gage

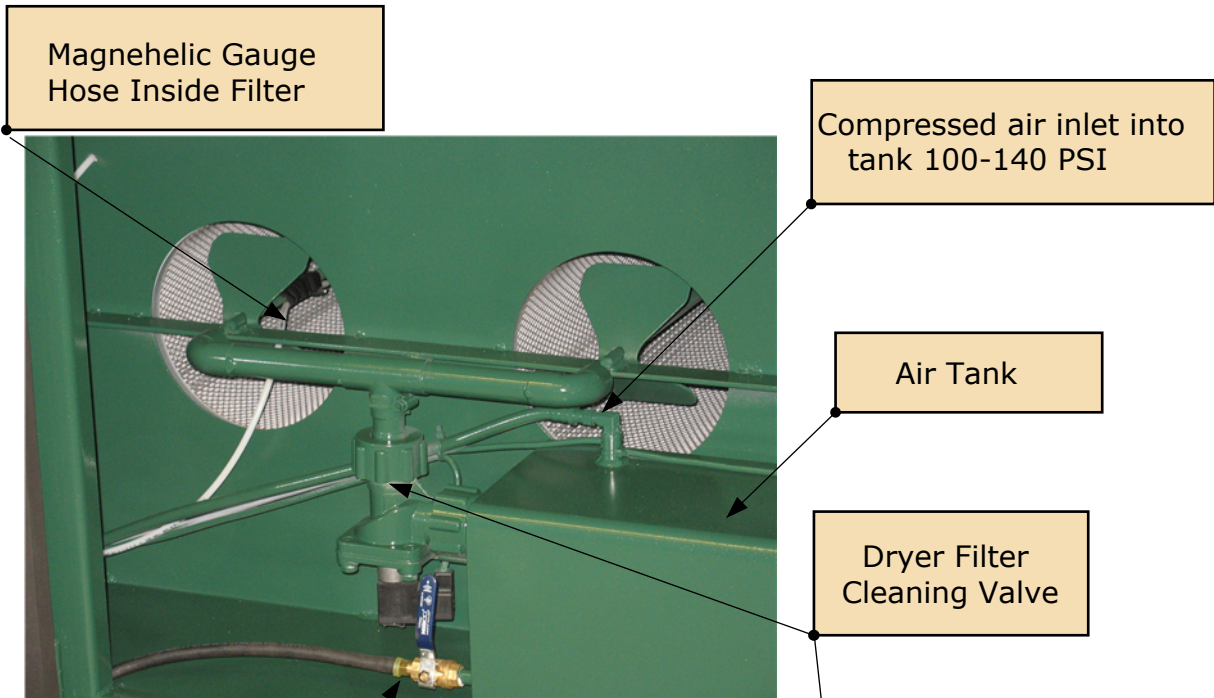
Every Magnehelic gage is tested and
set for that machine. The blue on the
Tag located close to the gage is the
operating range.

Once the gauge reaches the red
section, the filters will need to be
cleaned with the manual cleaned
buttons, with the machine off, which
will clean the filters much better.
The automatic timers set to pulse
more frequent may either delay or
prevent the needle reaching the
RED section.

The filters may need to be removed
and given a deep cleaning by taking
a compressed air blow gun and blow
from inside out. By removing the filter
and blowing a concentrated amount
of air in one area will blow off much
more of the filter clogging substance.



Backside Airtank Side



Ball Valve To Drain Moisture From Tank
Either place hose into container and just barely open and let the compressed air push out the moisture



Behind the center partition
is a 150PSI pressure
relief valve
If you hear air leaking
in this area check this first
Any 150Psi pressure relief
valve with 1/4" male NPTD
will work