

RAPTOR BLASTER

MADE IN USA RAPTORBLASTER.COM



Product Set Up RB3630S / RB4836S

Receiving the cabinet

Unwrap cabinet from packaging and inspect for damage. All damage needs to be documented by pictures and text. The truck driver needs to be notified of damage also, if you do not check for damage at drop off you will be responsible.

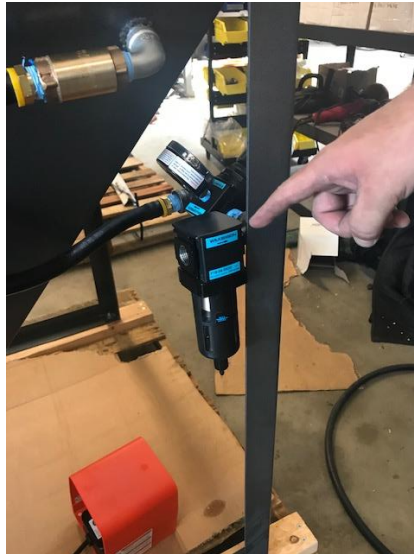
set cabinet in place

leave it on the pallet until you get it to the installation site so its easier to move around, unbolt from pallet and set in place.

Pluming the air

Connect a half inch airline from your source of air to the back of the moisture trap located on the front left leg of the cabinet

1. Connect air to inlet on the moisture trap.



2. Set regulator to desired position (between 20 and 90 PSI).

Do not use quick disconnects on airline as they are very restrictive of airflow

3. Plug power cord from light box in to the closest 110V outlet in wall



4. Put bucket under machine on drain side and put two clear drain hoses into bucket.



5. Fill sump with a 50 lb bag of media (media should fill to just under the middle ball valve on right side of sump)
6. Fill sump with water until it is filled just below the highest ball valve on right side of sump. (overflow valve)

Use of Ball valves on right side of sump

The 1-1/4" ball valve that is the lowest on the sump is for draining the media and water out of the cabinet to put new media and water in.

the middle 3/4" ball valve is used for changing dirty water out of the cabinet while leaving the good used media in. let media settle to bottom of sump for one minute and open second ball valve to drain water off the top.

The highest 3/4" ball valve is your overflow. If you do not have a closed loop system your rinse off gun will fill the cabinet with excess water. When water fills too high open your overflow to drain water back down to original fill point.

Setting up closed loop rinse system

(Skip if you did not purchase a closed loop rinse system)

1. Connect blue ¼" airline from closed loop tank to the quick connect just under the small regulator on back left leg of cabinet



2. Connect ½" black water line to female garden hose connect on the back left side of the cabinet



3. Fill tank halfway full with water, set stainless steel tray in closed loop tank and pull paper bed filter over the tray

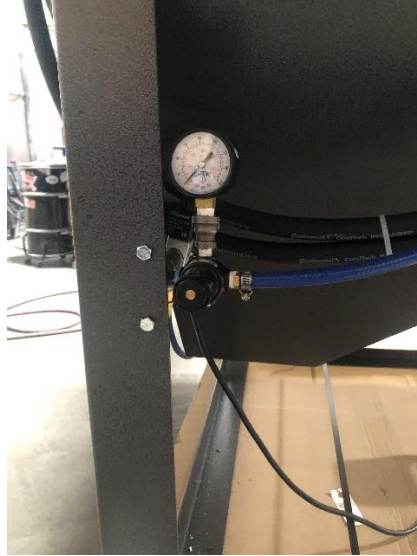


4. place closed loop system under the pinch valve (top outlet on right side of sump) so water drains into the closed loop bin on top of the paper bed filter

fill closed loop tank about halfway full with water



5. set small regulator on back left leg to 40psi
(you DO NOT want this set over 40psi as it can overwork the motor on your closed loop)



How the closed loop system works

The closed loop system recirculates and cleans water, then pumps water back to your rinse off gun using an air driven pump. There is a timer in the electrical box located on the top of your cabinet that is wired to the foot pedal and the solenoid of the closed loop that is located on the back, left leg of the cabinet. When you let off of the foot pedal and stop blasting the timer will wait 45 seconds to let all of the media settle to the bottom of the sump, when media settles the pinch valve at the will open up and drain excess water from the sump of the cabinet back into the closed loop tank. The paper bed filter will clean remaining particles and put clean water back in your tank.

Starting up the cabinet and getting to vapor blasting

Now that you have your cabinet hooked to air, plugged in to 110v outlet and closed loop system hooked up and set to the right psi its time to start blasting.

1. Turn on light switch on the right of the light box
2. Set regulator at the PSI you want to blast (left, front leg of cabinet)
3. turn nob above window to turn on the window rinse and turn on wiper using the switch on the wiper motor



4. step on foot pedal and start vapor blasting!

Things too stay on top of

1. pull new piece of paper bed filter over closed loop tub and cut off used section of paper regularly
2. change media in cabinet accordingly

Use and Maintenance of machine.

The life of the Media will last depending on the use of the cabinet. If water gets dirty, let the media settle and then drain the water using the middle ball valve on sump.

When media is worn out drain and rinse using lowest valve.

Enjoy and please let us know if you have any issues.



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