

BIG BLUE Winter Blower Instructions

- Always place Big Blue on a stable level surface taking care that it will not be splashed or pulled into the pool.
- Big Blue draws 13.5 amps of 120 volts of AC current. If using an extension cord make sure to use a one with a 3-prong socket of sufficient gauge for it's length. (minimum of 16 gauge for up to 40 feet, minimum of 14 gauge for up to 60 feet, and a minimum of 12 gauge for up to 100 feet).
- BE CERTAIN THAT THE UNIT IS PROPERLY GROUNDED. Power should come from a GFI protected outlet. Assure that the switch is in the "Off" position before plugging the unit in.
- Never leave Big Blue unattended when turned on. The unit is not thermally protected and may overheat with prolonged use.
- Big Blue must be well ventilated when in use. Never enclose Big Blue when being used to reduce noise.
- Wear ear protection.
- Big Blue is not recommended for water pick-up. Water should not come in contact with the blower motor.

FOR WINTER BLOWER USE

Big Blue provides sufficient air-flow for "no drain" winterizations (where pool water is kept at a normal level above the returns).

Remove eyeball fittings from return lines and Insert **Winter Duck Plugs** (part# WDP150) into the threaded opening. Make sure to use several wraps of Teflon tape on the threads of the plugs to insure a good seal and easy removal in the spring.

Most pools can be blown out entirely from the skimmer when using an "Ultra Gizmo" or comparable "blow-through" ice expansion compensator (IEC)

Insert the IEC into the skimmer using several wraps of Teflon tape.

The output port of Big Blue is tapered to provide a friction fit with standard 1-1/2" pool vacuum hose. Push the hose fitting from one end of the hose into the output of the blower port and twist to assure a snug fit. Insert the other end into the hole at the top of the IEC.

To clear return lines set multiport valve to "recirculate" and close main drain and any suction lines other than the skimmer that Big Blue is hooked to. If the pool does not have valves for closing the skimmer or main drain, put a plug in the top of the IEC in the second skimmer and don't worry about the main drain for the time being.

Turn blower on and let it run until bubbles are blowing from all return fittings. You may need to clip (use 1' wide black paper binder clips from an office supply store) the "lips" of Duck Plugs closest to the equipment in order to force air through the farthest returns. Turn off the blower when all lines have blown air. Winter Duck Plugs will keep water from flowing back into these lines.

Open pump basket and pour some antifreeze into the pump. Replace pump lid and turn on blower again until you see antifreeze being blown from each plug. Again, use clips to close some Duck Plugs in order to get flow to furthest returns. Turn off blower and position multiport valve to "closed." Return lines are now winterized.

To clear suction lines open them up one at a time and blow them out through the IECs that have been inserted into them. After the lines have blown clear of water, pour some antifreeze into the skimmer your are blowing from and blow it into the open line. Once a line is finished close the valve and plug the expansion compensator.

The main drain will be cleared last. Blow it until you see air bubbling out of the main drain then shut the valve and immediately turn off your blower. **IMPORTANT**— This method of winterizing creates an "air lock" in the main drain line which will only provide protection from damage if the line does not already have leaks in it or if the valve does not leak

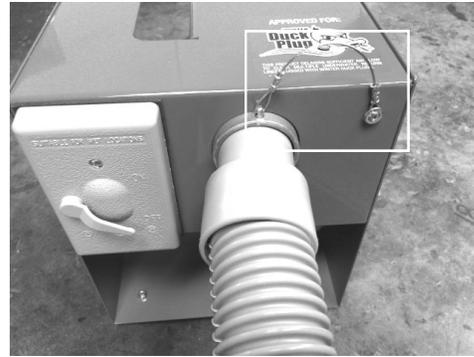
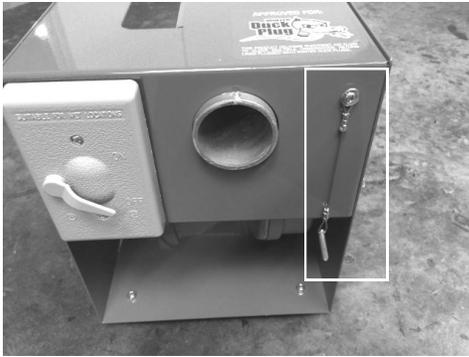
FOR LINER INSTALLATION VACUUM APPLICATIONS

The vacuum port of Big Blue is equipped with a 2" PVC extension. Your preferred fitting can be attached to this pipe..

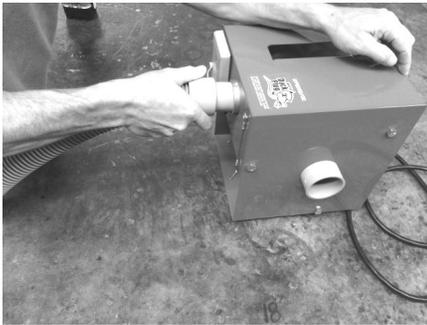
Refer to liner manufacturer instruction for liner positioning procedure using this or any other vacuum.



BIG BLUE Retainer Pin Instructions



Your Big Blue Blower will accept standard 1-1/2" hose fittings on the inside of the blower opening. In most situations the friction fit should be sufficient to keep the hose in place. However additional hold can be achieved by using the attached retainer pin. To use the pin you will have to drill a hole into the hose fitting you will be using.



Step 1

Press hose fitting strongly into the blower opening. Twisting back and forth will help to get it properly into place.



Step 2

While holding the fitting tightly in place use a **13/64"** drill bit to drill a hole into the hose fitting using the hole on the blower as a guide.



Step 3

Before use. Line up hole in fitting with the hole in the blower outlet and insert pin.

NOTE: In extreme conditions where the blower has been running for some time and has heated up, and /or where there is excessive back pressure, the fitting may blow out of the bottom of the blower outlet. This is not necessarily a failure, it may indicate a situation with too much back pressure based on the way you have set the job.