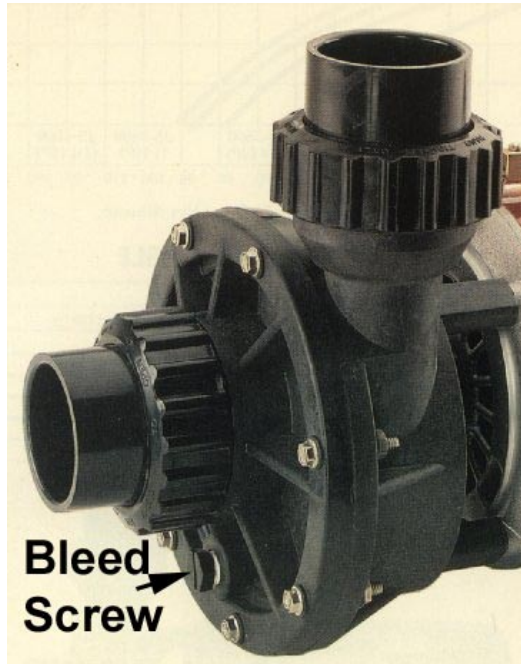


Half the Jets aren't Working (Air Lock)

There could be a few things preventing your jets from pumping water. If you just drained your hot tub, it is common to have an air lock in the plumbing and you must bleed the air out of the lines. Look for tiny bleed screws on the end of the pump. Open these allow air out.

the power off and them quickly spray out with the bleed screw on top sure to bleed air After bleeding, try on again and see if may have to bleed times before the but you should see each time. As long majority of air out of jets start flowing remainder of air will



bleed screws to Always do this with be ready to close because water will air. If you have a of your filter, be from there too. turning the power the jets work. You the lines several jets fully function, an improvement as you get the the lines and the again, the work its' way out.

If you didn't just you don't think you the following:

drain your tub and have an air lock, try

1) Is the high speed pump working? If yes, skip to step 2. If no, check the voltage at the pump. If there is voltage, your pump is faulty and needs to be replaced. If there is no voltage, test back to the power source for open circuits or switches.

2) Is there good water flow out of some of the jets? If yes, skip to step 3.

If you don't have good water flow, try the following:

- Take apart the pump wet end and look for obstructions or a broken impeller.
- Make sure your filter is not clogged and is clean. If in doubt, try running your spa without the filter and see if there is an improvement.
- Check for closed or broken knife valves (gate valves).
- Make sure the water level is not too low and the floating weir on the skimmer is not stuck.

3) If you have good water flow out of some of the jets, look for jets that may be closed. Many jets can be adjusted for pressure and can be turned off at the jet. Also look for loose or worn out jet seals and check the nozzles for obstructions.