Accel AerAtor E99 Manual

CIS TRADE GROUP LLC

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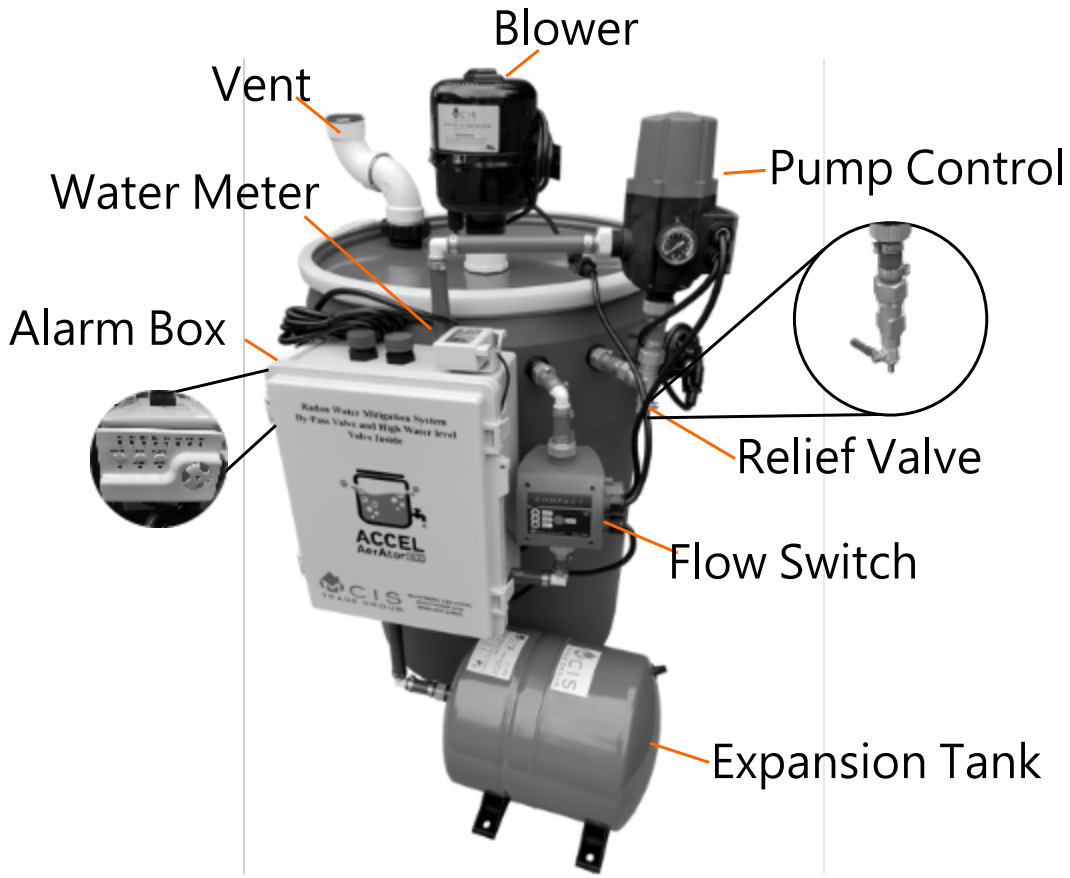
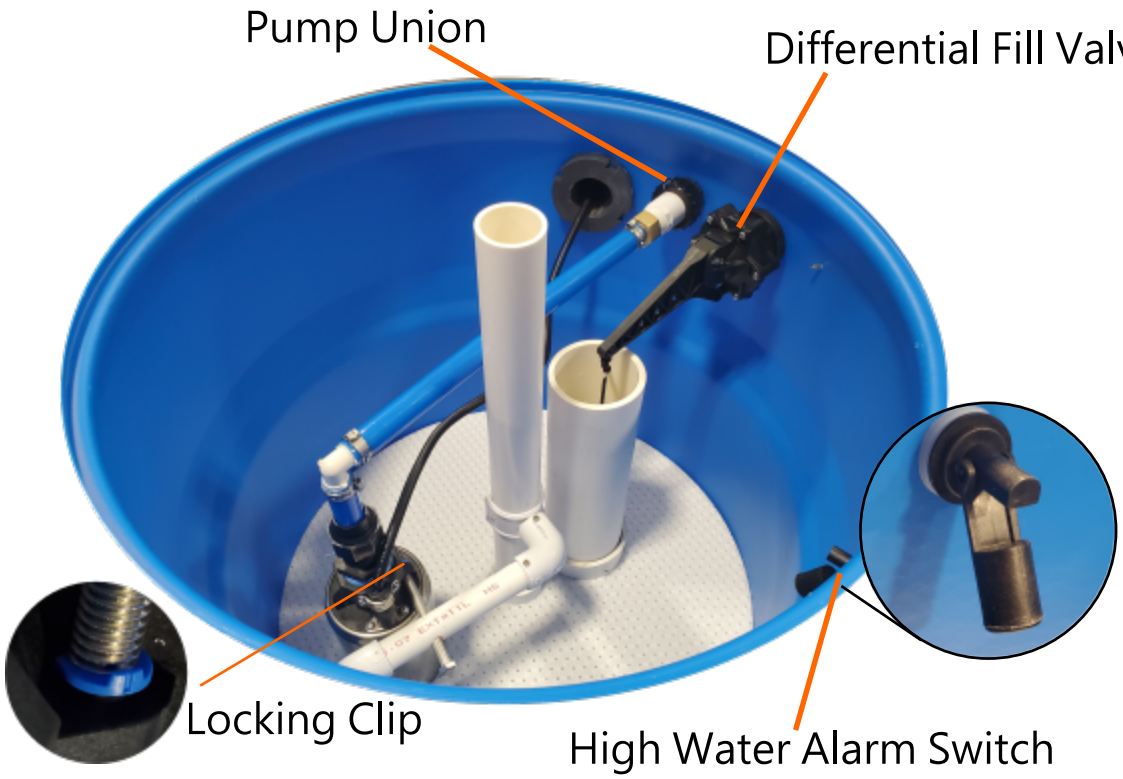
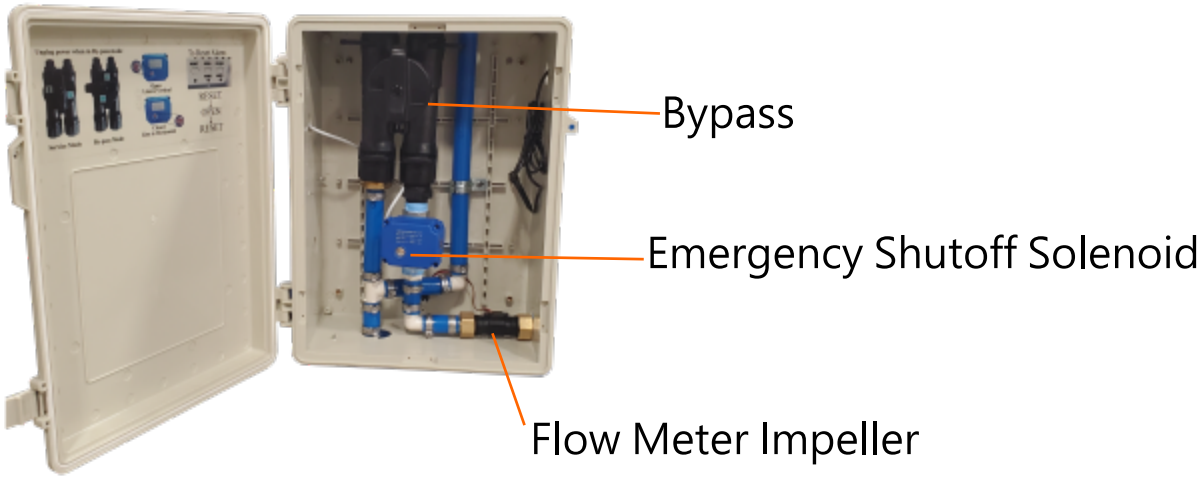


ELECTRIC HAZARD WARNING:

Always take pre-caution when working on the system. To avoid electrocution be sure to unplug the system **before** disconnecting any of its components.





BASIC SYSTEM FUNCTIONS

FILLING SYSTEM HYDRAULICS:

- Water enters the radon system through the built in by-pass valve. It then passes through the water meter turbine, flow switch, and differential fill valve.

- The differential fill valve has been adjusted to its optimum level, do not change its settings. Once water reaches the full line, the system will stop filling automatically.

- There is a water meter installed on the inlet side of the unit, you can use this to tell the rate at which the tank is filling.

- When the system is filling, the flow switch will detect the flow, and will start the blower. Once the tank is full the blower is programmed to run an additional 2 minutes.
  *Please Note: Every time you unplug, and plug system in again the blower will run.

- If the system is by-passed, be sure to also unplug it. Otherwise, the system may recirculate the water in the tank continuously.

WATER DELIVERY SYSTEM:

- Water from the system is supplied from a 1 HP 110V bottom suction pump. The pump is controlled by an electronic pressure control valve.

- Water pressure is maintained between 3.5 kg/cm² (50 PSI) and 5 kg/cm² (70 PSI).

- If the water pressure drops below 3.5 kg/cm² (50 PSI) the pump will activate and will run continuously to supply water, for as long as water is being demanded.

- Once the pump is active it will continue to run until the water pressure reaches 5 kg/cm² (70 PSI).

- If the water pump is running constantly check for leaks, or running water.

HIGH WATER ALARM SYSTEM:

- An alarm will sound if the primary fill valve has failed. The Solinoid will shut off the fill system when the water hits the level shutoff.

- If the systems alarm sounds, notify your service provider for repair.

CLEANING PROCEDURES:

- Remove the lid from the unit by first by unplugging the blower, then unlatch the lock-band and remove it. Lift the lid to access inside the unit.

- Drain water from the system until the fill system activates. Pour 1 ounce of regular unscented liquid bleach, or 1 cup of 7% hydrogen peroxide into the unit.

- Return the lid to the unit, and latch the band. Plug the blower directly into the power outlet instead of the flow switch. Let it run for 5 minutes.

- Unplug the blower from the outlet. Turn off the water supply to the inlet. Remove the lid from the unit.

- Drain water from tank through an outside faucet, or use the draw faucet provided on the unit itself.
"Please Note: Keep water supply valve off".

- Remove the differential fill valve by turning it counter clockwise. Unscrew the union inside the unit. It is located where the pump pipe meets the wall. The core of the unit can now be lifted out, taking care to not damage the High Water Alarm switch. Scrub the insides, and the plates to clean.

- Once the cleaning is done in screw the pump union by hand. Return the differential, and turn it clockwise to lock it in place. Put the lid back on the unit, and re-latch. Plug the blower back into the flow switch. Turn on the water supply. Fill and drain the system one or more times to rinse.

*Please Note: After cleaning the unit there will still be Chlorine/H2O2 in the water. Let homeowner know. If there is an Arsenic Removal System after the unit. Make sure Chlorine/H2O2 is thoroughly rinsed out of the system.

OPERATING TIPS:

- If a pre-sediment filter is installed before radon system make sure to replace the cartridge if it becomes clogged. Water restriction in the system, or high-water usage can cause the pump to shut down if the water in the tank is to low.

- To prime the pump, first fill the tank with the pump unplugged. The unit has a relief valve provided which you can open to allow air to bleed out as the tank fills. Once the system is full, plug in the pump. If the system is still air bound then put the unit into by-pass, plug in the pump, and open the relief valve to bleed out any excess air in the system. Repeat these steps as needed until the pump is primed. Return the system to the service position.

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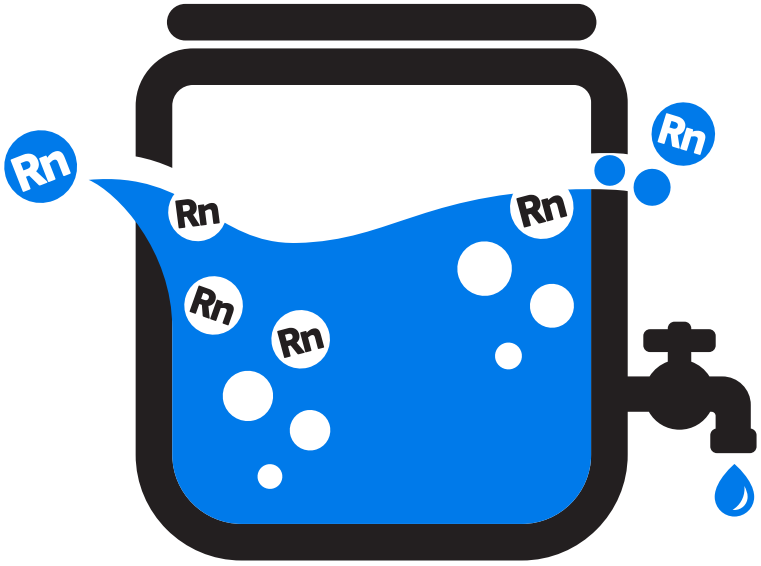

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