Explosion Proof Portable Evaporative Cooler

Part # EPF-AC series

Instruction Manual



1. After unpacking the unit, place in your desired location while maintaining a proper wall distance to allow for proper air flow. Make sure the unit is installed on a flat surface. Never transport the unit at any incline as failure to do so could result in injury or property damage.



2. Fill the water tank with potable water using the fill port on the top of the tank. The top of the tank can also be removed by unscrewing the four wing nuts and carefully lifting the plate off. Be sure the top is secure before use.

SPECIFICATIONS

MODEL NUMBER	EPF-AC-50-GLVD
VOLTS/HZ	Check nameplate
RPM (Fan)	1800
Amb Temp	10°C to +65°C
Tank	50 gallons
Run Time	12 hours

*PLEASE REFER TO THE MANUFACTURE NAMEPLATE ON THE UNIT FOR SPECIFIC VOLTAGE REQUIRED.

3. Plug the unit in to a GFCI protected device or breaker. Check the manufacture nameplate on the unit for specific voltage information. The specifications table above displays voltage and amperage requirements. It will be the responsibility of the end user to install and maintain this device to factory recommended specifications.



FAN & PUMP SWITCHES



PRIME BUTTON

4. Start the unit by following these steps:

a. Turn on the fan switch labeled "**Fan**" to start the fan.
b. Turn on the pump switch labeled "**Pump**" to start the pump.
c. Press and release the "**prime**" button for 5 seconds to enable water flow.

Anytime the unit is turned off you must follow the procedure above to reactivate. The pump can be turned off at any time to only achieve air flow.



5. If the unit runs out of water, it will automatically shut off. You will need to refill the water tank and start with **STEP 4** in the instructions to get the unit back in operation. If the pump fails to re-prime before the time out period please press and release the prime button one more time to assure the pump has primed.

6. To turn the system off, turn off the pump, fan and unplug the unit.

LARSON ELECTRONICS

MAINTENANCE

- Be sure to check your water filters and clean as needed.
- Never run the unit without a water filter. Debris can enter the system and will clog the mister heads.
- Only use clean water in the mister system. NEVER use dirty water.
- Check all poly line fittings for leaks and assure they are tight to the fittings. If you see any damage, stop using the machine and make necessary repairs before putting back in to use. Failure to do so could cause damage to persons or equipment.
- Never operate this unit with any cover missing.
- All fittings must stay tight to keep vapor from entering the control box. Check all plumbing fittings regularly.
- Never tilt the unit while handling. Tilting can cause the unit to tip over causing damage to personnel or property. Always keep unit on a flat surface for transportation and while operating.
- Keep the unit in a covered area and avoid direct sunlight if possible. This will keep the unit from over heating. If the unit overheats turn it off and let it sit for 2 hours before trying to restart.
- If you have any questions please call the manufacturer at 1-800-369-6671