

Troubleshooting

- **Fog is not being generated:** Check power cords and connectors. Make sure generator is covered with water.
- **Fog is being generated but not as much as it should:** If there are mineral deposits on the ceramic discs clean with a vinegar solution. If this does not correct replace ceramic discs.
- **Fan's not running:** Check power cords and connectors. Unplug power supply and check to see that blades can turn freely.
- **Mineral deposits (white powder) seen on condensed surfaces:** Due to hard water. Switch to distilled or RO water with some tap water mixed in.

Specifications

Container capacity:	4 gal. maximum fill
Fogging capacity:	1-head: 500 ml/hr 3-head: 1200 ml/hr 5-head: 1900 ml/hr
Power supplies:	12vdc, 1 amp power adapter for fan 24vac power adapter for fogger
Fan:	74 cfm 12vdc (134 cfm optional)

Replacement parts are available. For questions and support email info@perfect-cheese.com



Fog-Grr Humidification System

Perfect
Cheese

High-output Humidification for refrigerated and non-refrigerated enclosures, cheese caves, small greenhouses, fogponics and any other application requiring robust, controlled water vapor generation.

Important Safety Instructions:

The Fog-Grr Humidifier system (Fan, Container and Fogger) comes with two voltage adapters: a 24vac adapter for the fogger and a 12vdc adapter for the fan. An external source of 110 vac is required for each adapter and a multiple-outlet strip can be used. It is important to follow "safe operation rules" when using these humidifiers to insure safety and prevent damage to the unit.

1. Cable connectors for 1-head foggers are color coded; you must match colors or damage can occur to either the fan or the fogger.
2. Use only the power supplies supplied with the unit and standard US (110 vac) wall socket. If power supply fails replace with one recommended in specifications.
3. Check water level regularly and fill as needed

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What ships:

- 1, 3 or 5 head fogger with float and 24vac power supply (shipped separately from The House of Hydro)
- Heavy-duty 137cfm fan standard
 - Hydro-Flow waterproof (IP-55) fan (optional)
 - Electronic speed control (optional)
 - 12vdc power adapter
- Fan box with splash deflector
- Custom bucket lid with outlet nozzle
- 5 gal. bucket (optional)
- 3-outlet power strip (optional)
- LPHC-2 humidistatic controller (optional)
- Insulated bucket wrap (optional)
- Manuals and instructions

Installation

1. Unpack and inspect for any shipping damage. Read this manual (including Safe Operating Instructions) as well as the fogging generator manual thoroughly before proceeding.
2. To set up fog generator, thread the power cable through the opening in the side of the float. Fogging module should set in the center well with the white ceramic discs and black water sensor bar at the top. Keep about a foot of cord in the container and use notch in lip of lid for cord exit.
3. Fill container with tap water up to 5" of top (do not overfill).
4. Secure power connector onto 24vac power supply (for 1-head fogger connect male / female 2.1mm connectors. Plug adapter into wall socket or outlet strip to assure fog is generated. Unplug adapter.

5. To set up the Fog-Grr fan box, plug the fan's **red** female connector into the **red** male connector of the 12vdc power adapter. Assure fan is running, then unplug adapter.
6. Place container in enclosure where vapor will distribute freely. Plug both adapters back into outlet strip and begin operation. If using the LPTC-2 humidistat, plug outlet strip into the side socket of the humidistat.

Operation

- A. Monitor humidity for a period of time after start-up. If you're using the LPRH-2 digital humidistat set the controller to your desired setpoint and your %RH should be well controlled.
- B. If you're not using the humidistat and the Fog-Grr is producing too much vapor use the electronic speed control to adjust. If you don't have that option you can block the fan intake (top of fan box) with duct tape.
- C. It's normal for humidity to drop when your cooling system's compressor is running.
- D. Check water level periodically and refill as needed. You can use tap water but keep in mind minerals and salts in the water will be "fogged" along with the water. If you're water is very hard this could result in some white residue. If so you can use distilled or RO water with just a bit of tap water mixed in.
- E. Water can be filled through either the fan opening or the vapor exit hole without having to remove the lid.
- F. If excessive moisture is forming around the base of the container you can place a towel under the container.
- G. If your fogger isn't increasing humidity to the levels you need contact Perfect Cheese to discuss options that can increase output.
- H. If a larger capacity container is needed you can cut holes in a plastic vat / tank lid to accept the fan box and exit nozzle.