

Start-up check list

Warning

For safety and warranty reasons, Installation and service of this humidifier should be carried out by trained and qualified personnel.

Any work related to installation and service of this humidifier must comply with local code and regulation regarding safety and prevention of accidents.



Risk of electric shock.

Disconnect power supply before verification.



Risk of malfunction. Steam lines should not have any restriction or blockage that may cause a burst of pressure in the steam line.

Risk of flooding. In order to avoid any risk of flooding steamOvap recommends a Hi limit humidity switch installation in the air duct downstream of the steam distribution ramp.

Risk of freezing. Plan an anti-freeze system in case of installation in a location that would be exposed to outside conditions and susceptible of freezing.

Risk of malfunction. Do not block steam outlet(s).

Check list

- **Mounting**
 - Check mounting to verify that the IER is level and securely supported before filling with water.
- **Water supply**
 - Verify that all piping connections have been completed as recommended and that water pressure is available.
 - Once water shut off valve is open, verify for any possible leaks.
- **Drain**
 - Verify that all drain piping has been completed as recommended and that an open drain deported from IER is provided.
- **Steam**
 - Verify that all steam piping has been completed as recommended and that a slope of minimum 2° is provided.
 - Ensure that there is no sag or kink or any possible obstruction in the steam line, and condensate line.
- **Power supply**
 - Verify that power supply wires have been connected to main terminal and ensure that all wires are safely tightened. Ensure that an all pole disconnecting device with fuses is installed and easily accessible.
- **Control circuit**
 - Verify that safety controls such as air proving switch and Hi limit humidistat have been connected.
 - Verify that a control signal demand or RH% sensor is connected to the control terminals.

Once all above verification has been completed and found satisfactory you can power up the IER steam Humidifier.