



AirLife DuoTherm® Humidifier Alarm Quick Guide

Attention! This quick guide does NOT replace the operating instructions. Refer to the Operator's manual for more detailed descriptions and troubleshooting guidelines. All warnings and guidelines in the operating instructions must be strictly observed.

Customer and clinical support product, accessories and parts ordering information

 AirLife
2710 Northridge Dr. NW, Suite A
Grand Rapids, MI 49544 USA
www.myAirLife.com

Inspiratory heater wire missing/defective

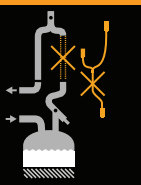


CAUSE

Heater wire adapter not connected, or Heated Wire Adapter defective, or breathing circuit connector defective.

REMEDY

Check and re-connect the Heater Wire Adapter to the Inspiratory limb (blue to blue) and humidifier (black to black). If alarm persists, replace the Heater Wire Adapter and/or the breathing circuit.



Expiratory heater wire missing/defective

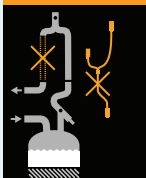


CAUSE

Heater Wire Adapter not connected, or Heated Wire Adapter defective, or Breathing Circuit connector defective.

REMEDY

Check and re-connect the Exp. Heater Wire Adapter to the Expiratory Limb (white to white) and humidifier (black to black). If alarm persists, replace the Heater Wire Adapter and/or the breathing circuit.



Breathing gas temperature too high

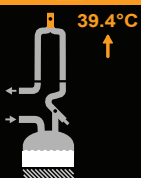


CAUSE

Gas Temperature at patient-end of the Inspiratory Limb is above tolerance limit. Abrupt changes in gas flow rate, or flow rates outside of the specified range, may cause a brief high temperature alarms.

REMEDY

Mute alarm and monitor temperature. Abrupt changes in flow rate or termination of a nebulizer treatments may temporarily cause a brief high temperature alarm. If the temperature does not return to normal range, replace temperature probe and/or replace breathing circuit.



Low patient temperature

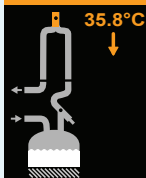


CAUSE

Gas temperature too low at the patient wye. Abrupt changes in flow rate, fans/drafts, or nebulizer use may cause temporary fluctuations in gas temperature.

REMEDY

Check temperature probe placement and ensure it is fully inserted into port. If probe is saturated with beads of liquid water, remove and wipe the probe dry, re-insert fully into the port and monitor temperature. If the alarm does not resolve, replace temperature probe and/or breathing circuit.



Humidification chamber temperature too high

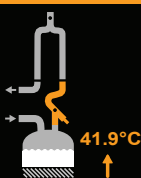


CAUSE

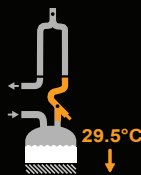
Abrupt changes in flow rate and/or termination of a nebulizer treatment may cause temporary fluctuations in gas temperature.

REMEDY

Mute alarm and monitor chamber temperature. Abrupt changes in flow rate, operating outside of the specified flow rate range, or termination of nebulizer treatment may cause temporary fluctuations in gas temperature. If alarm persists, replace temperature probe and/or humidifier.



Humidification chamber temperature too low



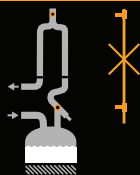
CAUSE

Abrupt changes in flow rate, operating outside of the specified flow rate range, and/or termination of a nebulizer treatment may cause temporary fluctuations in gas temperature.

REMEDY

Mute alarm and monitor chamber temperature. Check probe and ensure it is fully inserted in the port. Check for excessive condensation on the temp probe and wipe dry, if needed. Check and re-seat chamber onto heater plate. If flow exceeds the maximum rated flow, lower temperature settings may be required to reduce nuisance alarms.

Temperature probe missing/defective



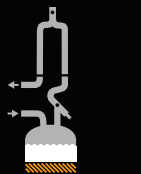
CAUSE

Temperature probe missing/defective.

REMEDY

Check and re-insert temperature probe connector to humidifier. If alarm persists, replace temperature probe.

Heater plate sensor defective



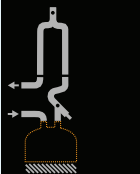
CAUSE

Heater plate sensor failure.

REMEDY

Replace the humidifier.

Humidification chamber missing



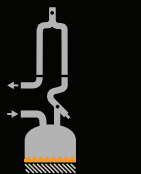
CAUSE

Humidification chamber not inserted properly.

REMEDY

Properly install the humidification chamber into the humidifier.

Water fill level too low



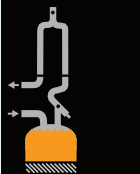
CAUSE

Water level too low. Water reservoir empty or humidifier is not level.

REMEDY

Check the water reservoir and replace if empty. Check that humidifier is not tilted more than 10 degrees, adjust if necessary. If alarm persists and water level is normal, replace the humidification chamber and/or humidifier.

Water fill level too high



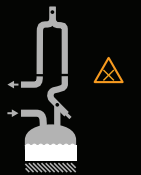
CAUSE

Water fill level too high.

REMEDY

If water level is above the max fill line, replace the humidification chamber. ensure that the humidifier is level within 10 degrees. If water level is below the max fill line, then replace the humidifier.

Hardware alarm



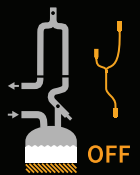
CAUSE

Device-internal error. Defective humidifier.

REMEDY

Replace the humidifier.

Forced shutdown. Alarm state not recognized or resolved



CAUSE

Forced shutdown. An error has not been corrected within ten minutes of an alarm. Device power has been shut off.

REMEDY

Turn off the device, turn it on again, and troubleshoot error.