

## 1. General System Failure

Sl. No	Problem	Cause	Remedy
1	Add water indicator flashes, accompanied by an audible alarm.	Water in the chamber may be empty.	<p>Check that there is sufficient water in the chamber. Refill or replace chamber as necessary. Check that the water bag is not empty, and the delivery tube is not kinked or occluded.</p> <p>Check that the water level in the chamber is not above the marked line. Replace chamber if the water is above this line.</p> <p>Check that the gas flow rate is within specification of the humidifier and accessories being used. Adjust as necessary.</p> <p>Has condensate formed on the chamber probe? Dry Probe and re-insert.</p> <p>Temperature probe faulty. Replace probe as required.</p> <p>Humidifier faulty. Service humidifier as required.</p>
2	Chamber Probe alarm flashes accompanied by an audible alarm	Chamber probe may be defect	<p>Check that the chamber probe is inserted into the breathing circuit correctly, and that the breathing circuit is set up correctly.</p> <p>Check that there is sufficient water in the chamber. Refill as necessary. Check that the water bag and delivery tube are not kinked or occluded.</p> <p>Ensure correct chamber is being used (refer Operating Manual)</p> <p>Check that the gas flow rate is within specification of the humidifier and accessories being used. Adjust as necessary.</p> <p>Has condensate formed on the chamber probe? Dry probe and re-insert.</p> <p>Temperature probe or humidifier faulty. Replace probe or service humidifier as required.</p>

3	Heater wire fail alarm flashes, accompanied by an audible alarm	Heater wire may be failed	<p>Check that the heater wire adaptor is correctly plugged into the humidifier along with the breathing circuit.</p> <p>Replace breathing circuit, and re-test.</p> <p>Replace heater wire adaptor, and check for intermittent connections. Re-test.</p> <p>Humidifier faulty. Replace PCBs.</p>
4	Heater wire fail alarm not working	Heater wire mode not selected	<p>Non-heater wire mode has been selected, connect a heated wire circuit or disable this mode by pressing the heater wire key.</p>
5	Airway Probe fail alarm flashes along with an audible alarm	Airway Temperature Probe may be disconnected/Fail	<p>Check that the airway probe is inserted into the breathing circuit correctly, the breathing circuit assembled correctly, and that there is water in the chamber.</p> <p>Check that the circuit is connected correctly to the ventilator – gas flow could be reversed through the humidifier.</p> <p>Check that the gas flow rate is within specification of the humidifier and type of accessories being used. Adjust as necessary.</p> <p>Check for excessive condensate build up. Excessively cold or drafty ambient conditions may cause this alarm to occur. Ensure there are no strong drafts around the breathing circuit.</p> <p>Replace probe as necessary.</p> <p>Humidifier faulty. Replace PCBs.</p>
6	Temperature / Flow Probe fail alarm with airway or chamber indicators flashing	Temperature Probe may be disconnected/Fail	<p>If the Temperature / Flow Probe alarm occurs with chamber or airway indicators also flashing, the temperature probe is faulty.</p> <p>Complete a probe accuracy check, and replace probe if required.</p>
7	Temperature Indicator flashes, with audible alarm, coupled with a low temperature (< 35.5 °C) displayed	Sensor may be removed from the breathing circuit	<p>The humidifier has been unable to maintain temperature over a period of time.</p> <p>Gas flow has been disconnected from the humidifier either reconnect gas flow or turn the humidifier off.</p> <p>Check that the gas flow rate is within</p>



Product Name : Heated (Respiratory) Humidifier

Product Model No : nice 8010, nice 8050

Trouble Shooting

Doc no:  
73-00-038

			<p>specification of the humidifier and accessories being used.</p> <p>Check for drafts around the breathing circuit. This can be caused by fans or room air conditioning. If this is found to be the cause, the breathing circuit should be shielded from the ambient airflow.</p> <p>Check that the circuit is connected correctly to the ventilator – gas flow could be reversed through the humidifier.</p> <p><b>WARNING: Never cover the breathing circuit.</b></p> <p>Check for excessive condensate pooling in the breathing circuit. Drain circuit if necessary.</p> <p>Humidifier or probe faulty? Replace probe or service humidifier as required.</p> <p>Check that there is sufficient water in the chamber. Refill as necessary. Check that the water bag and delivery tube are not occluded.</p>
8	Temperature indicator flashes, with audible alarm, and a high temperature is shown	Sensor may be near to the heat source/Heater is not cutoff	The gas flow rate may have suddenly changed. Monitor the displayed temperature, if the temperature does not fall rapidly then remove humidifier from patient, and complete a performance test on the humidifier, and temperature / flow probe. Replace probe or service humidifier as required