

TRAULSEN TECHNICAL BULLETIN

PRODUCT SERVICE DEPARTMENT

FORT WORTH, TX 76137




RH SENSOR MODULE

Introduction: This technical bulletin is to inform the field of the Intella-Traul RH module (Relative Humidity Sensor). This module is found on the Traulsen Energy Start rated units, from October 2014 to the present. This technical bulletin may not cover all the situation that may arise in the field and final diagnosis of field based equipment is the sole responsibility of the technician contracted to perform any work required.

Functionality: The RH module senses the ambient temperature and relative humidity and communicates this information to the MIT II control. The MIT II control uses this data to perform the following tasks.

- Control the door heater based on ambient temperature and humidity conditions.
- Regulate the time between defrosts based on the number of door open/close events and the ambient temperature conditions.

Parameters Chart

Displayed	Parameter Name	Sample Value	Description
	Relative Humidity (Ambient)	55.0	Relative humidity of the room.
	Dry Bulb Temperature	75.0	Ambient temperature of the room.
	Dew Point Temperature	65.0	Calculated dew point temperature.

Troubleshooting Chart:

Scenario	Possible cause	Solution
Excessive condensation on the door.	Inaccurate reading from the RH module.	Disconnect the RH sensor module.
Coil freezes up.	The RH module extends the interval between defrost based on ambient conditions.	Disconnect the RH sensor Module. Put the unit into a manual defrost.

Contact Traulsen Technical Service:

If further assistance is needed feel free to contact Traulsen Technical Service at 800-825-8220 between the hours of 7:30am – 11:30am CST & 12:30pm – 4:30pm CST.