

<b>Title:</b>	<b>High RH Reading</b>	<b>ID:</b>	
		0391	
<b>Date in:</b>	<b>Response:</b>	<b>Model:</b>	<b>Author:</b>
2010-07-21	2010-07-24	DC Unit	CMa

## Q:

The issue is related to the operations of the Liconic Dry Cool Storage Chamber. The Set temp is 5.5 deg. and the actual is 5.6 deg (this is normal). The Set RH is 10 and the Actual is ~16 to 22. This being the issue... In the past we have documented typical RH reading of 10 and below using these exact settings. The condenser display is -22deg (this is normal).. I have confirmed there is not an excessive amount of ice on the condenser. There is only a little frost on each end (which looks to be normal to me). I have used a flash light to examine all seals and surfaces for leaks. I have confirmed all the fans are running. Even after being closed for several days, the RH will not drop below ~16RH. I have been observing this for several weeks and am out of ideas.

## A

To test this force a defrost and observe drain. The water flow at the drain should almost stop at the time the defrost finishes. You may also power the unit off after the defrost cycle and measure the amount of water leaving the system after the defrost. This amount should be minimum. Note that during summer (high RH) the units tend to have higher RH. It is therefore very important that the unit is tightly sealed and therefore all sealing are in perfect condition (glass door, Gate ... ).