

Date	16 Dec 2014	Service Note #	MISC-2034	Updated	NA
Product	2500, 3200 and 7100		Created By	J. Yangco	
Description	Explanation of Recommended Minimum Humidity Level				

Release	<input checked="" type="checkbox"/>	Internal	<input checked="" type="checkbox"/>	Distributors	<input checked="" type="checkbox"/>	Customers
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Parts Required	Serial Numbers Affected
None.	All Model 2500, sensIR3200 and symphony 7100

Explanation of Recommended Minimum Humidity Level

It is stated in the manuals for the above listed instruments that the ambient humidity should "... be kept at or above 30% RH, to minimize the risk of damage to control circuits caused by static discharge."

This is a desirable condition, however it is not necessary for the proper operation and functioning of the instruments. The instruments can be operated at humidities below 30%. However, as the humidity decreases the chance of static related electrical problems increases, especially in carpeted areas.

In the winter or in dryer areas, room humidities can be less than 20%. In these cases, although the Distek instruments may work well, effort should be made to humidify the room air to at least 20% for basic human comfort as well as minimization of static related problems with electronic equipment.