



RESIDENTIAL-COMMERCIAL HEATING & COOLING

11184 RIVER ROAD N.E.

HANOVER, MINNESOTA 55341

(763) 498-8071

Fax: (763) 498-0006

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Once again winter is upon us and with it comes condensation on the windows. Most condensation is caused by improper usage and maintenance of the humidifier and the air exchanger. As long as you can remember that as the temperature drops your humidity has to decrease also.

The first thing to do is make sure that your screens are off the windows. Next is to look at the humidistat setting on the furnace. If you have an AprilAire the factory setting is 5 and on the Honeywell it is 35%. The AprilAire looks at the outdoor temperature and decrease the humidity level as the outdoor temperature drops. You may find that you still have too much humidity in your house and have to set it to 4. The Honeywell will have to be adjusted by you when the temperature changes.

The next thing to do is look at the air exchanger and its control. The air exchanger works as a dehumidifier. For most homes it will be set on the minimum setting. Once a week you will have to adjust the dehumidistat on the control. First turn it counter clock wise to the summer setting, next turn it clock wise until it clicks, and then turn it back one line.

If there is a major temperature change you will have condensation on the windows. It takes the air exchanger 12 to 24 hours to make a change in the humidity level in the house. You will have to adjust the dehumidistat on the air exchanger control and might have to run the furnace fan continuously to help move air across the windows.

The last and most important thing is maintenance. The filter in the air exchanger needs to be washed every three months, the heat recovery core needs to be cleaned once a year, the drain pan is to be cleaned once a year and the **last and most important thing is to clean the hoods**. The water panel on the humidifier needs to be replaced once a year.

If you have any questions please feel free to give me a call.

Wade T. Heins  
General Forman  
763-498-8071