

## Welcome To Year-Round Basement Ventilation & Humidity Control

Prior to the MBS (Musty Basement Solution ventilation system), there were two solutions to humidity control, both of them costly. One was air conditioning, the ultimate solution. The other was a dehumidifier. Although a dehumidifier can give very quick results, it is too costly to run longer than the humid season. And emptying the container is a nuisance.

To help you realize what the MBS will do and how it accomplishes its task, think about the atmosphere in your first floor living level. People do not put dehumidifiers there since they know they can't change the weather outside, or they install central air conditioning, and create their own weather. Soon, a dry day comes and a little breeze sweeps the moisture out of their house (but not out of their basement). Also, when a homeowner takes a shower and the walls all get steamy, they turn on a bathroom fan and suck out the moist air. Of course, most people don't leave the fan on long enough. With this practice, people get used to the humidity cycles of the weather. But the excess moisture in the basement can't get a good breeze to blow it out. Enter the MBS!

The MBS works by draining the moisture out of the basement, the lowest point in the home where it collects. It may be illustrated by pulling the plug out of the bottom of the bathtub. The water is no longer stored in the tub and is gone.

Your basement is just like a tub. The water pools up with every humid spell of weather, and builds and stores in the furniture, carpet, etc., to a point where several kinds of mold can thrive. An outlet must be provided. With a dehumidifier, you are hand carrying all that water out! With the MBS, you are providing the drain, since it takes the water out in a vapor form. The MBS helps you accomplish the same atmosphere as your first floor, with its cycles caused by outside weather.

For some homes it may take from a short time to a few months to dry out the items in the basement. So a new owner of a The MBS will have to display some patience as the new movement of air in the house has time to accomplish its task and the basement can acclimate. Some times when the MBS is installed just prior to a humid weather period, the smooth cooler surfaces such as the cement floor, or floor coverings may "sweat". This is much like pouring a cold drink in a warm glass. Condensation develops. As the drink and the glass temperature balance out, the condensation disappears. In a basement with this problem, adding a little heat, or turning up the thermostat, if it has central heat, will quickly alleviate the problem (See summer service bulletin in owner's manual).

So remember, your house is unique. Two homeowners, living side by side, may get different results, one seeing an immediate effect, and others taking some time. One homeowner in NH with a spring in her basement said it took four months to dry out her basement. After living in the house for many years, she moved to Vermont, and had the system installed in her new home, based on her satisfaction in New Hampshire, a truly challenging circumstance. A plumber in Old Town, ME, is now installing units in his customers homes, based on his experience. His bedroom is on the basement level of a split entry ranch, and every night his sheets were "clammy". Now he says he feels our product was one of his best investments, and he is enthused about selling them to his customer, since he climbs into bed with dry sheets.

