



WATCHDOG GUIDES



How Does a Dehumidifier Work?

The dehumidification process can be explained in a few simple steps:

Step #1

All Seaira Global dehumidifiers are equipped with a built in humidistat that can be programmed to your desired humidity set point.

Step #2

Once the humidistat senses that the ambient conditions of the space are outside of the set point, the unit turns on and the fan motor starts. The fan motor then draws in air across the grille.

Step #3

The air is then directed to the cold evaporator coils. The difference in temperature between the air and the evaporator coils, causes the moisture in the air to condense.

Step #4

At this point, the newly formed condensation drips in the drain pan.

Step #5

Meanwhile, the cold air travels to the warm condenser coils, where it heated up.

Step #6

Finally, the warm, conditioned air is blown out of the opposite side of the dehumidifier,

To put it simply, when the conditions are outside of the set point, the dehumidifier draws in the humid air, removes the moistures, then returns the air into the space. Thus, instead of a humid, uncomfortable environment, you have a comfortable, well conditioned home.