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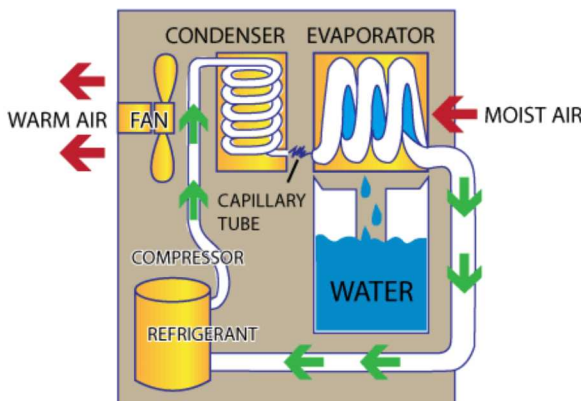
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Mold
Sinus
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How Does A Dehumidifier Work?

Dehumidifiers regulate humidity by removing moisture from the air, thereby creating living conditions that are inhospitable to dust mites, mold and other allergenic organisms.

Room dehumidifiers, like a Danby Dehumidifiers or Alen Dehumidifiers work much like air conditioners; warmer, moist air enters the dehumidifier and then crosses refrigerant cooled coils, causing the moisture in the air to condense on coils within the machine. The moisture then collects in a drip pan or bucket for disposal while the air is slightly reheated before being discharged. The reheat process is done by capturing and using heat generated from the energy spent to cool the air. By being slightly warmed, the air exiting the dehumidifier is dry and warm - which means it will attract moisture like a magnet and maximize the dehumidifier's efficiency.



- 1. Air is drawn into the unit by a fan
2. Air passes over a cold surface
3. As the air is cooled, it's moisture condenses
4. Water falls into the container
5. Air is re-heated by the heat recovery system
6. Air Passes back into room 2 degrees Celsius warmer and considerably dryer
7. Defrost system automatically de-ices unit as necessary
8. Unit switches off automatically when container is full
9. When the unit achieves the selected level of dryness it switches off automatically

Compare All Dehumidifiers or return to the Dehumidifiers Homepage.

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10/06/11 I started searching the internet and found achoo allergy. Thank God because I ordered Coyuchi sheets and they helped me better than anything else I tried [for formaldehyde allergy]. More Testimonials

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