

Dehumidification Equipment Rental Guide

STEPS TO A DRY STRUCTURE

EXTRACT: Remove all the liquid water you can. This is most effectively done with a Dri Eaz Flood King DX or wet/dry vacuums, professional carpet extractors, squeegees and mops. It is much faster to remove the water this way. If there are any wet items that are damaged, now is the time to remove them.

GRADE THE LOSS:

- A **BASIC** loss that is small or has mostly dense wet materials like wood or concrete
- A **COMPLEX** loss that has wet dense AND wet soft materials like carpet and walls

DETERMINE HOW MANY DRI-EAZ AIRMOVERS ARE NEEDED FOR YOUR LOSS:

Add up the square footage of the area that is wet.

- A **BASIC** loss needs a Dri-Eaz airmover every 200 square feet. Be sure to have at least one per area.

$$\underline{\hspace{2cm}} \text{ square feet} \div 200 = \underline{\hspace{2cm}} \text{ airmovers}$$

- A **COMPLEX** loss needs a Dri•Eaz airmover every 60 square feet. Be sure to have at least one per area.

$$\underline{\hspace{2cm}} \text{ square feet} \div 60 = \underline{\hspace{2cm}} \text{ airmovers}$$

DETERMINE HOW MANY DRI EAZ DEHUMIDIFIERS ARE NEEDED FOR YOUR LOSS:

- Multiply the square footage of the wet area by the height of the ceiling; this is the volume of air that must be dried.

- Determine AHAM PINTS* of dehumidification are needed:

- A **BASIC** loss:

$$\underline{\hspace{2cm}} \text{ cubic feet} \div 100 = \underline{\hspace{2cm}} \text{ AHAM PINTS}$$

- A **COMPLEX** loss:

$$\underline{\hspace{2cm}} \text{ cubic feet} \div 50 = \underline{\hspace{2cm}} \text{ AHAM PINTS}$$

- Look at the dehumidifiers available and see how many it will take to match this many AHAM PINTS. You need at least as many pints as the previous step called for. See next page for specifications of dehumidifiers. This calculation assumes Dri•Eaz low grain refrigerant dehumidifiers are being used. If conventional dehumidifiers are used, increase dehumidification by 20 percent (multiply by 1.2).

SET UP EQUIPMENT IN YOUR STRUCTURE:

- Place dehumidifiers centrally in the wet area. Completely unwrap the drain hose and securely insert it into a drain.

DO NOT place into a bucket -It WILL over flow. If temperatures are above freezing outside, the drain can be directed up and out a basement window. Be sure that the drain hose is not crimped.

- Place airmovers near the walls in the affected area. Make sure that all the airmovers are pointing the same direction.

See example diagrams on the next page.

- Try to maintain a temperature above 70 degrees and keep the windows and doors closed during drying.

CHECK WET AREAS DAILY

- Use a Dri-Eaz HydroSensor or Dri-Eaz Wet-Chec to determine if the wet areas are drying.
- If wet areas are not making drying progress: move airmovers closer, or blow dry air from the dehumidifier more directly on the wet area
- If wet areas are not making drying progress after 48 hours, get help from a professional water damage restoration company.
- When wet areas become dry, equipment can be removed. This may take anywhere from 2 to 4 days.
- If after 3 to 4 days the wet areas are not dry or making significant progress, get help from a professional restoration company.

* AHAM PINT removal is the amount of pints a dehumidifier will remove at 80° F and 60% relative humidity in a 24 hour period.

IMPORTANT NOTE: There are small water losses that you can handle yourself, but drying a building can be tricky. If during the process you feel unsure or begin to smell odd odors, get professional help from a water restoration company. If the water came from a sewer back flow or flood damage, you are **STRONGLY ADVISED** to seek professional help.

Helpful Information

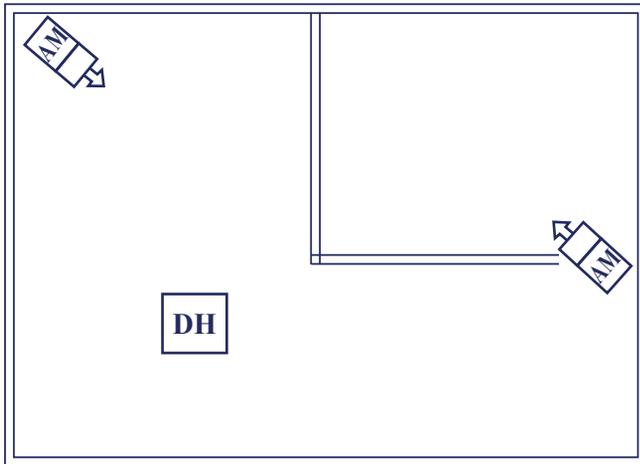
Internet Assistance

More info on using the drying equipment properly: vtc.drieaz.com

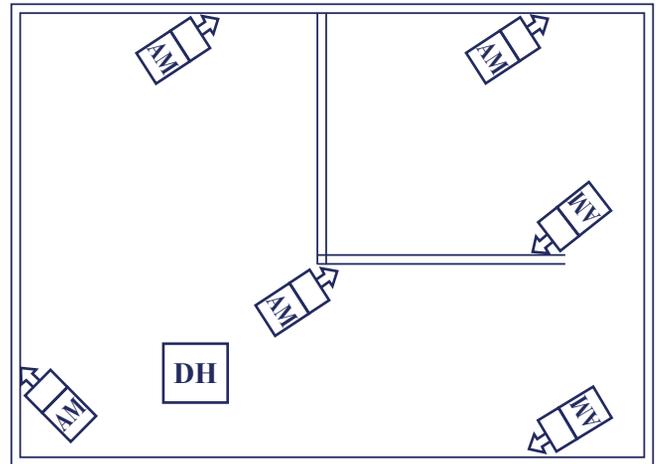
A listing of qualified restorers in your area: www.drizone.com/companySearch.cfm

<u>Dri-Eaz Dehumidifier AHAM PINT* removal per day</u>	<u>Dri-Eaz Airmover Specifications</u>
Low Grain Refrigerant dehumidifiers	Sahara Pro X3 (F351) 4 amps
2800i (F410) 130 Pints	
7000xli (F412) 130 Pints	

Equipment set up examples



This is a proper set up in a **BASIC** loss



This is a proper set up in a **COMPLEX** loss

Accessories to make drying more successful:

Clean the Air: Dri-Eaz DefendAir HEPA-500 (F284)

Find the Water: Dri-Eaz Hydrasensor {F245}

Extract Water Better: Dri-Eaz Flood King DX (F332)

Prevent Odors: Microban Milgo Plus (F447} or Microban Milgo SR {F448}

Find Out If Walls are Drying Without Making Holes: GE Protimeter Surveymaster SM (F281)

Extension cords Portable generator

Submersible pump Pump up sprayer

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