

Desert-dry in record time!



High Speed Structural Drying System



thermal energy system

Who is **tes**™?

TES™ is a unique water-damage restoration system that combines new and current technology in a whole new way. Utilizes the "Reets Evaporation Method" combining controlled heat and air flow to produce high-speed evaporation and dramatically improve the drying process.

What can **tes**™ do?

- Dry most jobs in under 30 hours; including carpet, carpet cushion, hardwood, walls, and substrates.
- Reduce mold/structural damage.
- Make you look good! The property owners have their structure restored in less time, with less hassle, and less damage. Insurance companies save money and call you back for future jobs. You're able to do more jobs in less time, with more profit.

*Whether it's two rooms or an entire office building, **tes**™ is the efficient and profitable answer.*



GATEWAY
CLEANING & RESTORATION
NO JOB TOO LARGE OR TOO SMALL!

For more information, call us at
314-776-2332
618-876-7099

How Does *tes*[™] Work?

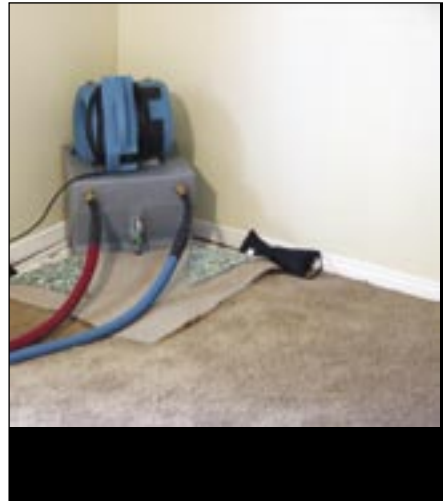
TES Unit

The Thermal Energy System (*tes*) power plant generates a high temperature in a unique heat exchange fluid. The fluid is then transferred with a high volume pump through specially-designed insulated hoses to the Thermal EXchanger (*TEX*) box.



TEX Boxes

The *TEX* Thermal EXchanger receives the heated fluid and directs its energy (by airmover) to the wet areas, resulting in rapid evaporation.



Hardwoods/ Substrates

Whether you are drying hardwood or substrates, the *TEX* box can be placed under a plastic-sheet-tented area. It is the direct contact of the energized heat that accelerates drying and minimizes heat loss. The plastic sheeting should be vented around the edges to exhaust the hot air against the wall, assisting in their drying as well.



Carpet/Cushion

The Thermal EXchanger (*TEX*) should be placed between the carpet and cushion to float the carpet. This transfers the heat directly to the water in both carpet and cushion.



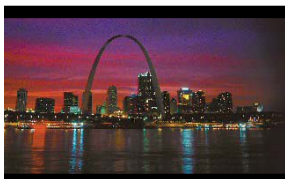
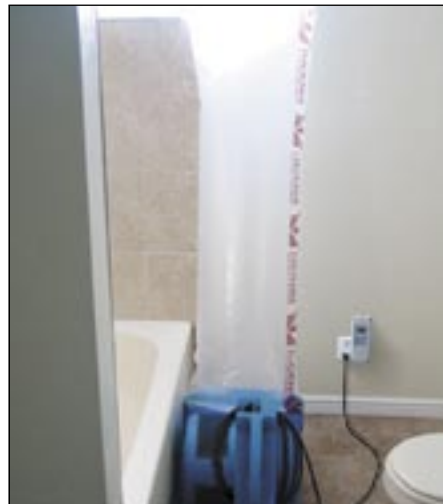
Wall Cavities

Forcing the energized heat into the wall cavity accelerates evaporation and drying within the wall.



Evacuation

Thermostatically controlled evacuation is a significant element of rapid drying. As temperature and humidity build in the damaged area, the fan is regulated to evacuate saturated air to the outside. This process can be complimented with dehumidifiers and evaporative air-handling systems.



GATEWAY
CLEANING & RESTORATION
NO JOB TOO LARGE OR TOO SMALL!

For more information, call us at
314-776-2332
618-876-7099