

# How Polygon high-tech drying helps building owners recover and insurers control losses.

Today, Polygon high-tech dehumidifiers have revolutionized recovery from water damage. Less than ten years ago, building interiors were routinely gutted and rebuilt after water damage. Modern advancements, pioneered by Polygon (formerly Munters MCS), the oldest and largest company of its kind — now save millions of dollars in recovery costs and allow buildings to remain open or reopen safely much sooner.

Drying operations take days or weeks. Reconstruction means months of disruption and usually a business must move out of the building during reconstruction.

Computers, furniture and other equipment can be dried at the site saving moving expenses.

Upper floors that may have had no direct flooding still can be damaged by high humidity produced by the adjacent wet materials. A "blanket of dry air" can be produced to protect these areas.

Files and books can be returned to usable condition, saving irreplaceable materials and records.

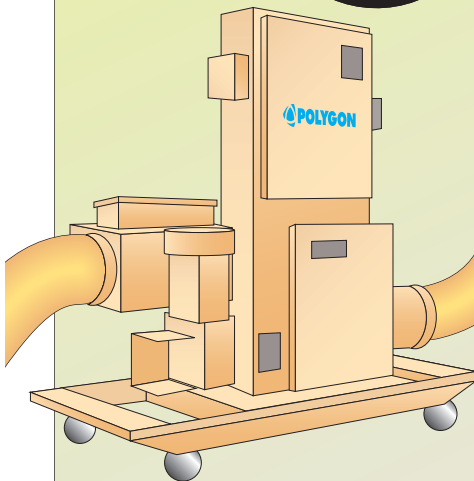
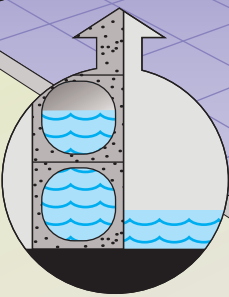
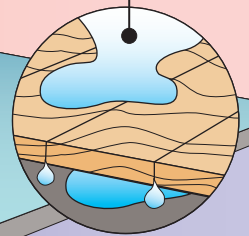
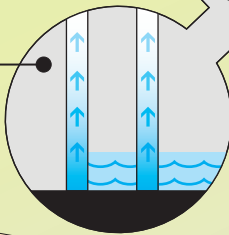
Floor coverings many times can be saved in place with deep drying techniques that return carpets to pre-loss condition.

Hardwood floors can be saved. "Memory" in wood allows swelling, buckling and "cupping" to be reversed.

Mold and mildew will grow quickly on almost any wet surface, as spores are present in the air. Deep drying reduces the potential for long-term damage related to mold and mildew infestation.

Munters uses specialized techniques to force dry air into walls, and other hidden spaces, drying them thoroughly inside and out. Drywall, insulation inside walls, plaster, masonry and wood can be restored to normal conditions.

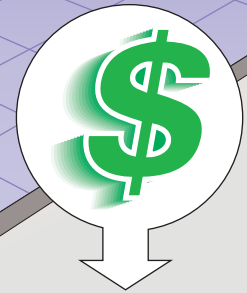
Drywall "wicks" water upward. Rooms with four inches of flooding may have 30 inches of water damage to the walls.



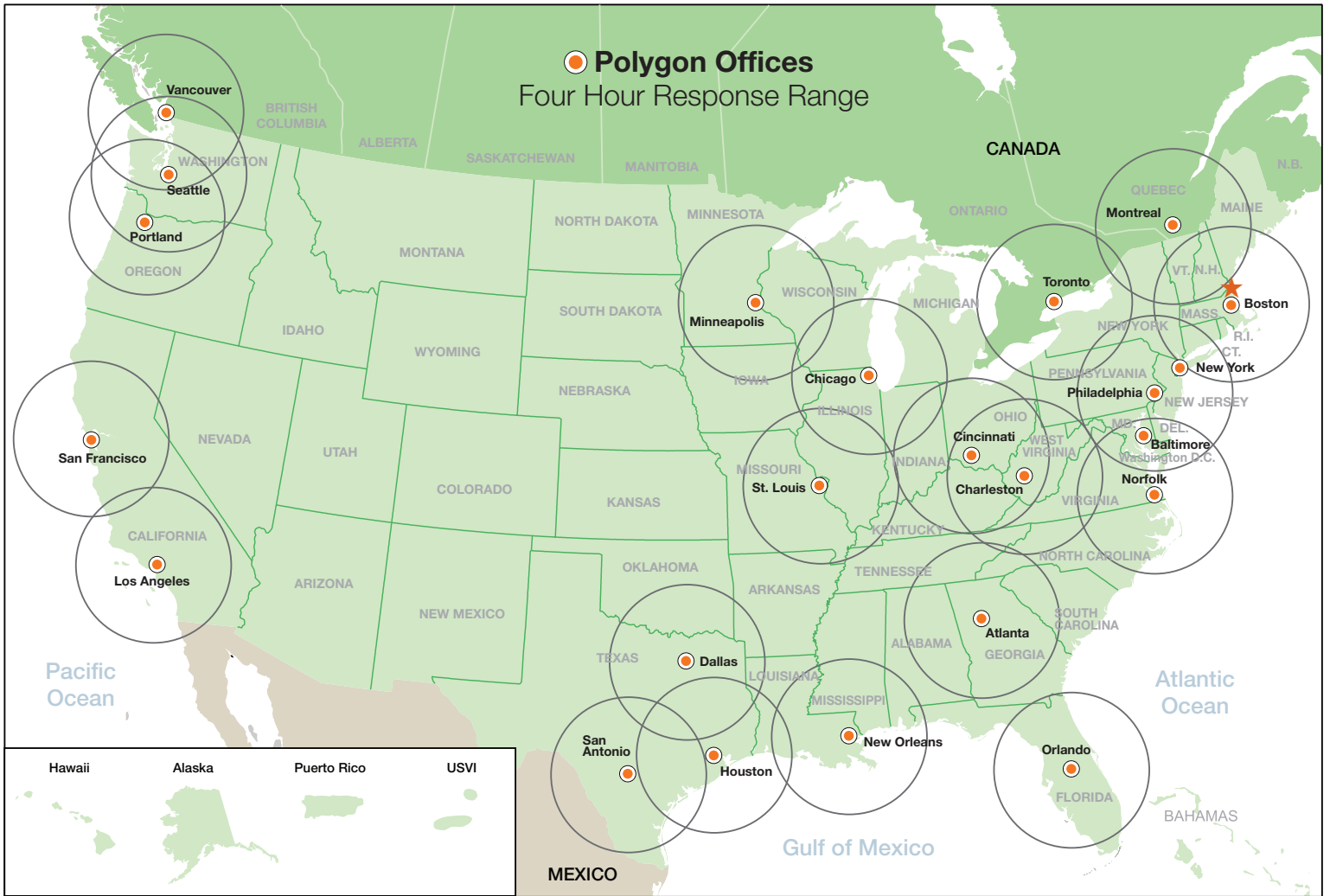
High volume desiccant dehumidifiers pump extremely dry air into water-damaged buildings. Deep drying of ambient air coupled with constant air movement causes the moisture in building materials to evaporate much quicker than normal, thereby bringing them to a pre-loss moisture content.

Basements, where flooding is typically the worst, can have special problems. Moisture may be trapped inside concrete blocks or held deep in the masonry itself.

Drying restores structural material to pre-loss conditions. Left wet, wooden framing can deteriorate, jeopardizing the structural integrity of the building.



Drying a water-damaged building can reduce the cost of recovery 30% to 70%, creating substantial savings for owners and insurers.



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*Polygon was formerly Munters MCS.*