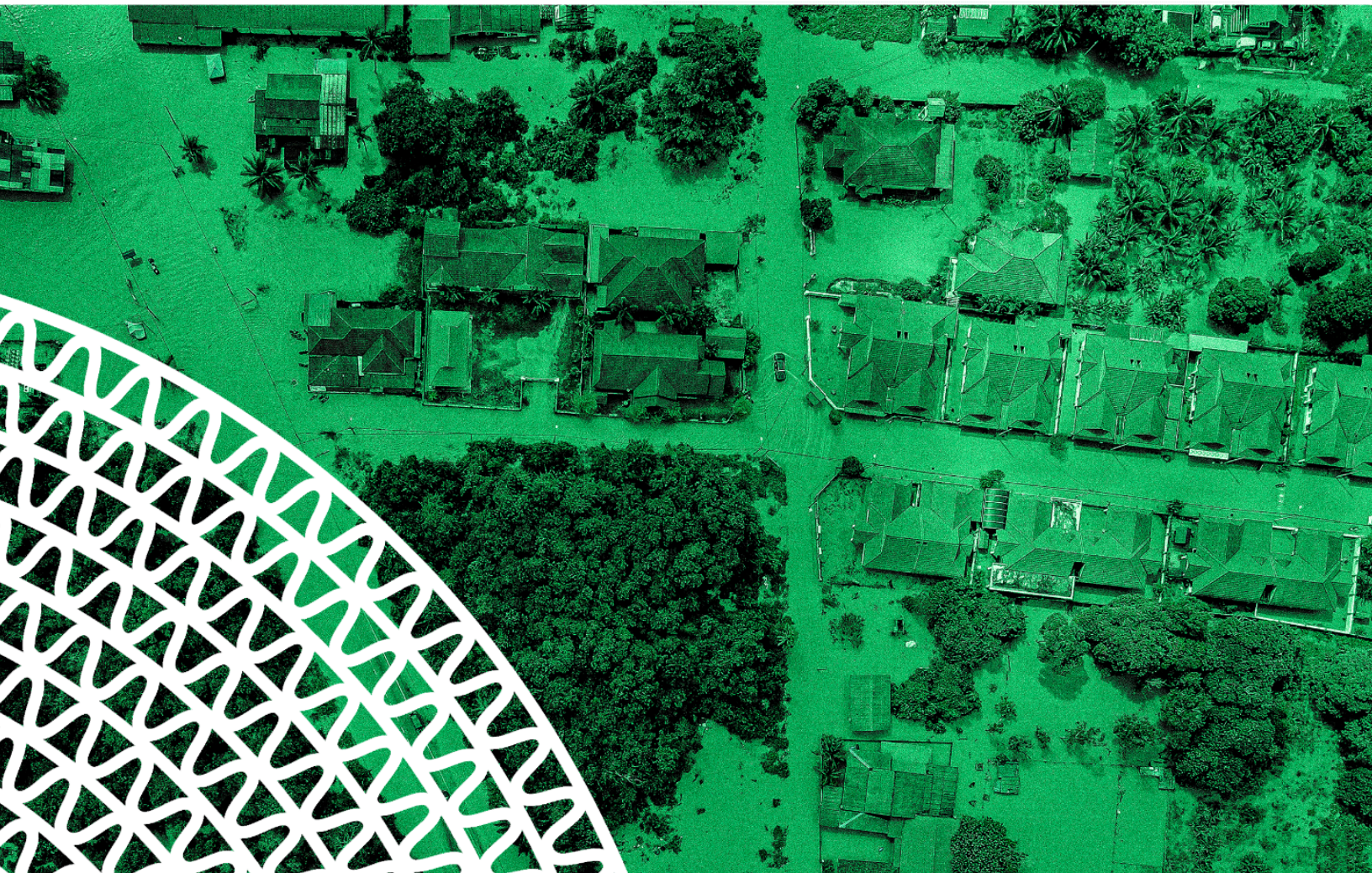


*World leaders in dehumidification.*



# Dehumidification - Water Damage Restoration





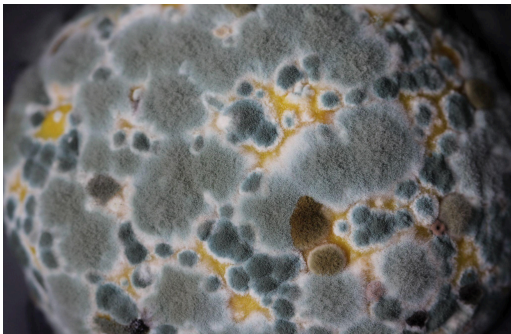
# DST DRYER

## - DRY AIR SPECIALISTS

### Dehumidification Fundamentals

DST Dryer specialize in providing top-notch water damage restoration services. Our skilled team is equipped to handle a range of water-related issues, from minor leaks to major flooding. With years of experience, cutting-edge technology, and a commitment to excellence, we are your trusted partner in restoring and renewing spaces.

Water damage often occurs in narrow and cold buildings. In those kind of environments, the equipment must be robust, easy to install and easy to handle. All DST Dryer dehumidifiers are stainless steel and are developed to endure tough environments.



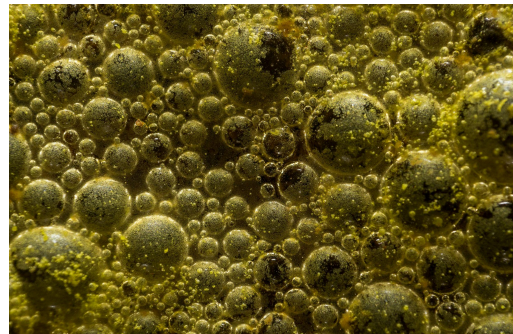
#### **Mould Prevention:**

Rapidly extract excess moisture, preventing the ideal conditions for mould growth after a flood. Sustain low humidity levels to discourage post-flood mould proliferation.



#### **Condensation Control:**

Mitigate condensation risks by efficiently lowering the dew point in flood-affected areas. Minimize secondary damage caused by post-flood condensation on surfaces.



#### **Material Preservation:**

Preserve structural and personal materials by controlling and stabilizing humidity levels. Prolong the lifespan of materials by promptly addressing and preventing flood-induced moisture damage.



#### **Corrosion Protection:**

Implement effective dehumidification to curb humidity, safeguarding metal surfaces from post-flood corrosion. Contribute to the prevention of rust and degradation in flood-impacted Environments.





# Applications

DST Dryer has range of units used specifically for flood/moisture damage restoration from the DC-5 and the DCR30B to the RLZA-102 for more heavy duty projects. Depending on the room volume, and the air changes per hour, the units are sized, and fitted for a range of applications including vehicles, sports facilities, houses, offices, boats, museums and many more general flood/moisture damaged environments

## **Water Damage Restoration: Stabilization of Hardwoods**

Water damage can wreak havoc on various materials, including drywall, insulation, plaster, masonry, and wood. It leads to deterioration, corrosion, and rusting components, necessitating extensive repair and replacement. However, with the right approach, it's possible to reverse this damage and restore materials to their pre-incident condition.

## **Drywall Stabilization**

Moisture from high humidity conditions and wet building materials often results in costly construction delays, mould growth, warranty issues, and material replacement charges. To ensure drywall projects progress smoothly and efficiently, climate control is crucial. Desiccant dehumidifiers offer an advanced drying solution by simultaneously lowering relative humidity and dew point, facilitating efficient drying of drywall and joint compound.

## **Utilization of Desiccant Dehumidification Systems**

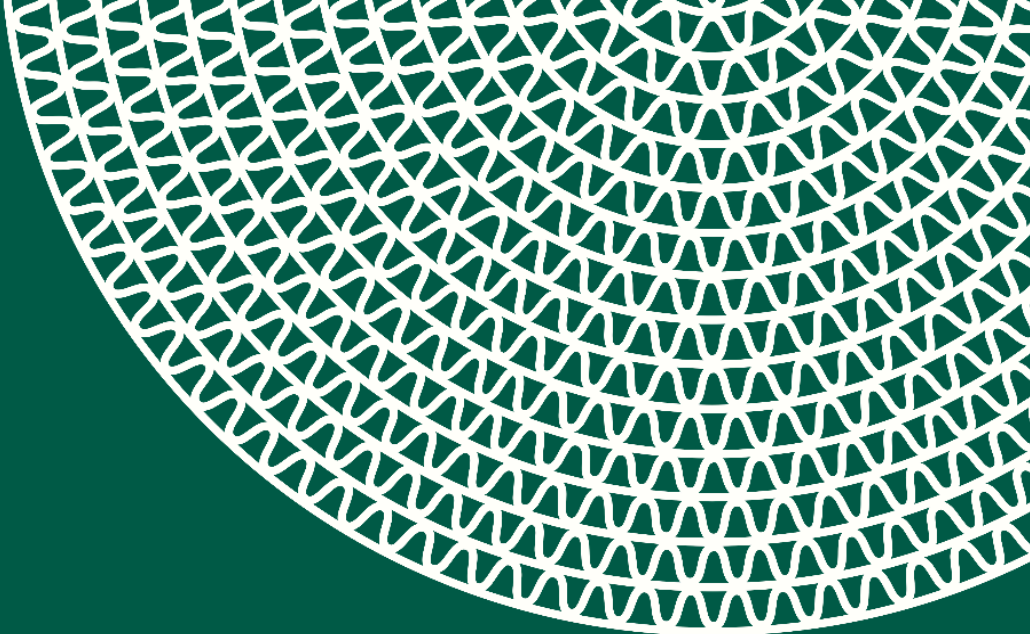
Desiccant dehumidification systems play a vital role in dehumidifying ambient air within structures, ensuring the protection of materials, the safety of workers, and the adherence to project schedules. Procedure:

### **Procedures for remediation:**

- Assess room size
- Determine location and number of envelope openings
- Consider product specifications
- Address site logistics
- Account for weather conditions
- Identify electrical source and location

**Contact DST Dryer for advice 1800 002 228**





Seibu Giken DST AB has representatives  
in more than 40 countries worldwide.



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