Microclimate Technologies International devices deliver reliable and effective control of humidity, temperature, dust, and pollution in display cases, storage cabinets, temporary storage rooms, and more.

This is accomplished by carefully controlling the microclimate - the environment immediately surrounding an object inside its display or storage enclosure.

Curators, conservation staff, and designers can choose from a wide array of Microclimate Technologies units to maintain optimum conditions within their enclosures.

Museum professionals are free to store or display almost any artefact in complete safety, regardless of the difficulties posed by challenging architectural design, historical buildings, varying occupancy, weather fluctuations, and pollution.

A UNIQUE APPROACH

A Family of Solutions for Controlling Humidity, Pollution, and Temperature

Microclimate Technologies units provide a constant supply of air at the desired humidity level, gently replacing display case air rather than modifying it. This protects sensitive artefacts from the dangerous humidity spikes that plague most climate control systems, which modify the humidity of the enclosure by simply adding moist or dry air.

MCG 4 & 6 models are suitable for installation beneath small to medium-sized showcases or storage cabinets. Also suitable for laboratory use.

MCG 20, 30, & 40 models are high capacity devices, capable of providing safe environments for multiple showcases from a remote location. These units use a positive pressure air supply.

MCG 10 & 12 models are suitable for installation in large showcases or storage cabinets, and may be used to support nearby cases.

MCG 110 models are energy saving units, specifically designed for temperature and humidity control in large archives & storage enclosures.

Microclimate Technologies International

Device Delivery

1234 Microclimate

Units provide

continuous

supply of air

at desired
humidity level,
gently

replacing

display case
air. This

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MCG 110 models

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large archives & storage
enclosures.
Gentle, effective, spike-free humidity control at all times
Maintains constant humidity levels as temperatures vary
Creates conservator approved environmental conditions
Prevents air stratification
Compensates for case leakage
Filters out dangerous pollutants
Operates with minimal attention
Increases freedom for gallery design and artefact placement
Provides broader options for storage and display
Protects traveling exhibitions and artefacts on loan
Reduces maintenance of artefacts on display
Galeries, showcases and storage cabinets easily retrofitted
High quality components
Multiple fail-safe systems
Lowers operating costs
Easy to install

Notes 1 Calculations based on well-sealed cases. Capacity will vary with application.
2 When recycling units are used as positive pressure feed, maximum capacity will be reduced.