

GOAL

Document the performance of humidity control systems under varying occupancy loads and weather conditions.

APPLICATION - MUSEUM OF SCIENCE, BOSTON

Museums of all types often have areas that require special humidity control systems to help preserve valuable objects or create special environments for exhibits. At the Museum of Science, a room was constructed to recreate a rain forest environment, complete with a high-humidity climate.

BENEFIT

In addition to documenting the climate control system's performance, the AIRxpert system also showed that moisture was not migrating to adjacent areas.

APPLICATION - BROOKS AUTOMATION, INC.

In New England, where Brooks Automation has several product development facilities, weather conditions are subject to dramatic changes that could affect the indoor environment. A building-wide ventilation study that included laboratory humidity control was conducted using an AIRxpert 7000 monitoring system over a four-week period.

BENEFIT

Laboratory humidity control was verified when a dry weather system came through. As an added benefit, the system also found no moisture levels in the monitored areas that would imply leakage in the building envelope.

