



CASE STUDY: GYM FLOOR

GYM FLOOR INSTALLATION - DEHUMIDIFICATION FOR CONTRACTOR

A new gymnasium floor installation during Illinois' warm and humid summer months required temporary humidity control to prevent material damage and keep the project on schedule.

JOB SITE CHALLENGES

- Control interior humidity levels
- Specific area to be conditioned
- No easy access to gym

SITE DETAILS

- Illinois High School
- Indoor gymnasium and materials

DEHUMIDIFICATION

- 1x 5,000 cfm desiccant dehumidifier
- 100' ducting
- 1x roll temporary ducting/layflat

INSTALLATION & FIELD SUPPORT

- Equipment setup & breakdown
- Site-specific layout planning
- Onsite technician deployment

LOGISTICS & DELIVERY

- Crane equipped delivery vehicle



THE SITUATION

During summer recess at an Illinois high school, a new gymnasium floor was scheduled for installation. Concerned that high humidity could damage the wood and delay progress, the contractor reached out to Garrett McKenzie for climate control support.

THE RESPONSE

Garrett McKenzie assessed the environment and measured the gymnasium to determine the airflow needs of the dehumidifier. Considering the cubic footage and expected humidity levels, a 5,000 CFM rental desiccant dehumidifier was selected to properly manage indoor conditions.

THE EXECUTION

With no forklift available, Garrett McKenzie utilized its crane-equipped delivery vehicle to place the dehumidifier on site. The unit was connected to house power, with ducting routed into the building and extended through temporary ductwork to reach the gymnasium.

THE RESULT

Within two hours of startup, relative humidity in the gym dropped below 15%. Flooring installation began without issue, with confidence that conditions were fully stabilized. Both the materials and the gym space were successfully protected by the rental dehumidifier, keeping the project on schedule.

The materials and gym space were all controlled by the dehumidifier.



14.5% RH Inside



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WHY CHOOSE GARRETT MCKENZIE

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- ✓ NATIONWIDE COVERAGE
- ✓ INDUSTRIAL-FOCUSED SOLUTIONS
- ✓ SCALABLE EQUIPMENT OPTIONS
- ✓ CUSTOM PACKAGES FOR ANY SITE

TEMPORARY POWER SOLUTIONS

- Generators up to 2,000kW
- Power distribution cable
- Amp & I-line panels
- ATS - Automatic transfer switches
- Transformers
- Portable fuel tanks

CLIMATE CONTROL

- Desiccant dehumidifiers
- LGR dehumidifiers
- Temporary heating units
- AC cooling systems
- DX heating units

INSTALLATION & FIELD SUPPORT

- Equipment sizing & install
- Equipment setup & breakdown
- Experienced onsite technicians

LOGISTICS & TRANSPORTATION

- Transport-ready fleet
- 30-ton crane truck
(8,055 lb. capacity / 52.5' reach)
- Nationwide rapid deployment

*Garrett McKenzie's nationwide team
rolls heavy and delivers results!*



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- Site-specific equipment planning and load matching
- Direct access to our team - no middlemen, no call centers
- Scalable response to meet your needs
- Experienced and professional crews who understand business demands

FEATURING EQUIPMENT BY:

