

# CASE STUDY EAST MOLINE GLASS

East Moline, IL

## ENERGY-EFFICIENT ASSEMBLY PLANT

EM Glass was planning to condition their 110,000 square foot assembly plant to increase productivity and improve employee retention. Denovo proposed a very economical solution using air rotation units, which EM Glass viewed as the preferred alternative to traditional roof top units.



A Closer Look | Air Rotation Units

## A SYSTEM THAT MAKES A FACILITY EASIER TO MANAGE



Compared to traditional roof top units, air rotation units provide EM Glass the following benefits:

### \$300,000 lower project cost

This simple system eliminates much of the infrastructure and quantity of equipment needed for conventional systems.

### 35% energy savings

Destratification along with high efficiency prop fans yields great operational cost savings.

### Fewer units to maintain

Only two ground-mounted units with a 30+ year product life means less time and materials for maintenance.

### Destratification for efficiency

Rotation of air uses wasted heat that typically floats to the ceiling. This destratification minimizes temperature gradient from floor to ceiling.

### Temperature consistency

A great solution for applications where temperature and humidity design criteria are critical.