

DeltaStream Natural Cooling



MoffittCorp.com | (800) 474-3267
1351 13th Ave S. Suite 130
Jacksonville Beach, FL 32250

 **Moffitt**
NATURAL VENTILATION SOLUTIONS

DeltaStream Product Details

PRODUCT DESCRIPTION

The DeltaStream is an adiabatic cooling unit that provides natural cooling and ventilation. The DeltaStream draws hot outside air across the wetted desorption medium within the unit. The water in this medium evaporates and removes sensible energy from the air passing through it. This natural process can result in as much as a 30°F air temperature decrease. This ensures that fresh, cool air is consistently supplied to the facility in a cost-effective way. In essence the DeltaStream is a self-cleaning, ultra-hygienic, technologically advanced evaporative cooler.

The DeltaStream has very low operating costs and can be up to 7 times more efficient than conventional air conditioning. It is designed for commercial and industrial applications to cool outdoor air 10° to 30° F below ambient conditions. It is designed for 16,800 CFM. It uses direct drive variable speed motors to reduce maintenance while increasing efficiency.

STANDARD FEATURES

- Construction: Mill-Finish Aluminum
- Motor: Direct drive variable speed motors
- Medium: High efficiency cellulose medium
- Tubing: Polypropylene tubing
- Mounting: Roof or ground mounting available.
- Curb: Included
- Weight: 900 lbs. dry, 1100 lbs. wet (excluding curbs)

OPTIONAL FEATURES

- Ducting & fan package
- E.C. Motor fitted on system fan
- Maintenance packages available
- Automated Controls
- Building Management System integration

PRODUCT BENEFITS

- Modular system designed to meet a variety of requirements.
- Superior energy savings vs. conventional A.C., 20-30% of the power consumption.
- Uses minimal electricity and water to run.
- Free from refrigerants, environmentally friendly.
- Ultra-hygienic design. All parts which encounter water are double powder coated, self-drying, and self-cleaning.
- Integrated water quality system.

INDUSTRY APPLICATIONS

- | | | |
|----------------------|-------------------------|-------------------------|
| • Breweries | • General Manufacturing | • Pulp & Paper Industry |
| • Data Centers | • Glass Industry | • Warehouse & Storage |
| • Exhibition Halls | • Gypsum Facilities | • Transformer Buildings |
| • Food & Agriculture | • Plastics Industry | • +Others |