

CoolStream

Natural Evaporative Cooler System



CoolStream is manufactured under license from Colt International Licensing Ltd, United Kingdom

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CoolStream Product Details

PRODUCT DESCRIPTION

The Moffitt CoolStream is an evaporative cooling unit that provides adiabatic cooling and ventilation for commercial and industrial applications. Each CoolStream has very low operating costs using on minimal energy and a nominal amount of water. It is up to 7 times more efficient than conventional air conditioning and in many cases just as effective.

Utilizing adiabatic cooling, the CoolStream draws hot outside air across the wetted desorption medium and propels this cool air into your building. This natural process can result in air that is as much as 30°F cooler than ambient temperatures. This ensures that fresh, cool air is consistently supplied to the facility.

The CoolStream is designed for 17,500 CFM. The units use direct drive variable speed motors to reduce maintenance while increasing efficiency. Each unit is constructed of aluminum to reduce weight and eliminate corrosion without compromising durability.

STANDARD FEATURES

- Aluminum Construction
- Direct drive variable speed motors
- High efficiency cellulose medium
- Polypropylene tubing
- Roof or wall mounting available.

OPTIONAL FEATURES

- “All Seasons” package is available for roof or wall mount. Draws down warm air from the ceiling in the winter.
- E.C. Motor fitted on system fan

PRODUCT BENEFITS

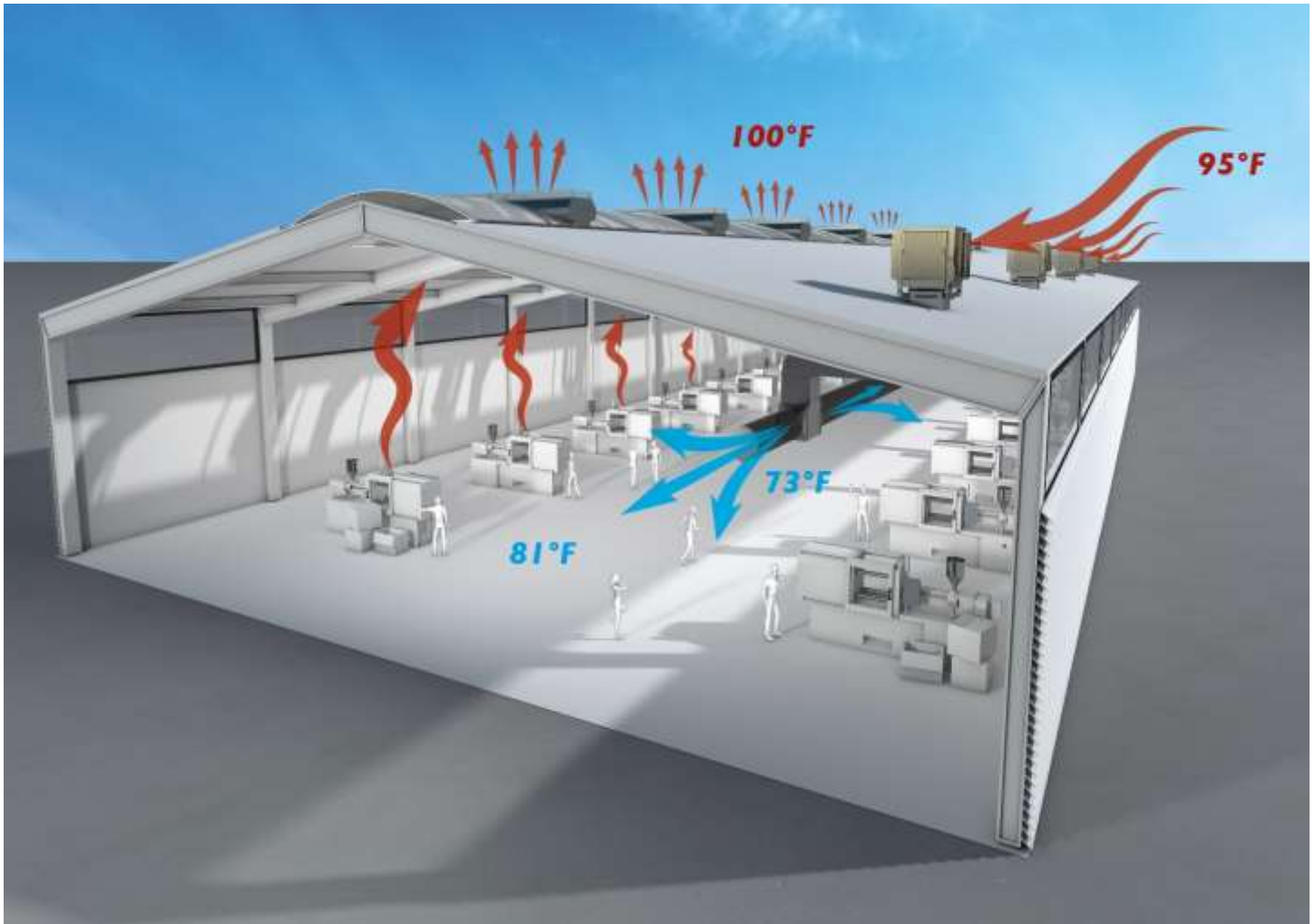
- Modular system designed to meet a variety of requirements
- Superior energy savings vs. conventional A.C., 20-30% of the power consumption.
- Uses minimal electricity and water to run
- Free from refrigerants, environmentally friendly
- Hygienic and self-cleaning. All parts which come into contact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

APPLICATIONS

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

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CoolStream Illustrations



CoolStream adiabatic cooling system diagram

CoolStream System



CoolStream Control Panel



Cool air exhaust



CoolStream interior