



DELTASTREAM EVAPORATIVE COOLING SYSTEM

MAINTENANCE, MOUNTING, DUCTING, & DAMPER

MAINTENANCE

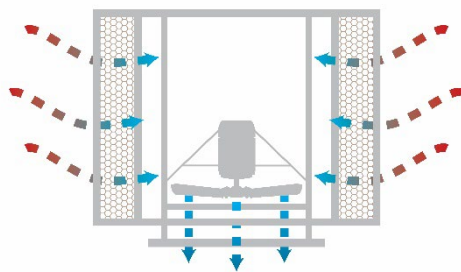
DeltaStream evaporative cooling units operate 24 hours a day, 7 days a week, 365 days a year. As a result, Moffitt suggests scheduled, semi-annual maintenance (Spring and Fall) to keep the DeltaStream running smoothly. Our team provides full service with the selection of the maintenance plan. Maintenance includes.

- Checking components
- Cleaning the reservoir, sensors, filters, and piping
- Checking the water supply
- Changing the air filters
- Rinsing the desorption media
- Checking the automated control functions
- Seasonal adjustments

Maintenance must be carried out by qualified, trained personnel. Talk with the Moffitt team to learn more about our maintenance service and how it can be utilized for our facility.

MOUNTING

The DeltaStream can be mounted on the rooftop for downward discharge or at the ground for upward discharge.

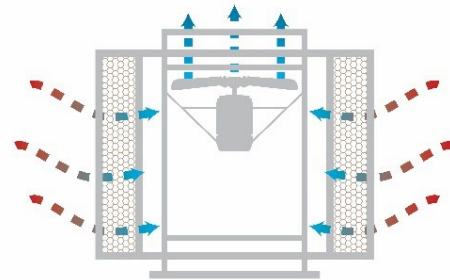


Downward Discharge

The downward discharge configuration DeltaStream unit is normally roof mounted.

After the curb is attached to the roof, the duct should be dropped through the curb. The duct should be able to sit on the top flange of the curb, and the damper may be placed on top of it.

When the ducting is installed, the DeltaStream may be lifted and installed onto the curb. Fasten all components as indicated by site installation instructions. This configuration generally uses a duct drop with a 45° elbow, diffuser, or both. These attachments direct the air exactly to where it is most needed.



Upward Discharge

The upward discharge configuration will be installed on the ground or solid structure, normally on top of a stand.

The unit must be secured to the ground stand before any ducting is attached. No loads may be placed on the DeltaStream top, so ensure that all ducting is supported by another structure or the building itself.

The order of installation should be as follows: stand, DeltaStream unit, ducting and damper at building intake, and then duct connection between unit and ductwork.

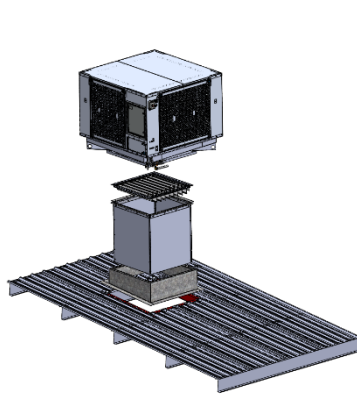


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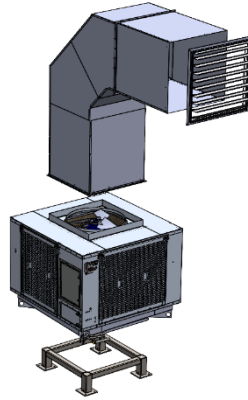
INSTALLATION, OPERATION, AND MAINTENANCE INSTRUCTIONS

DUCTING

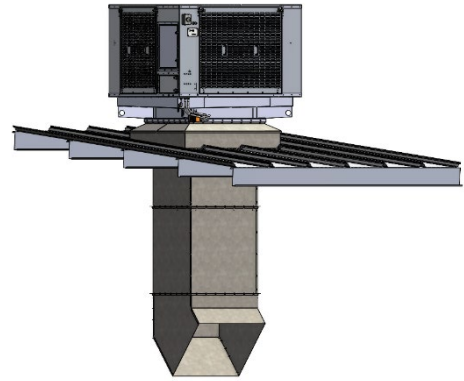
All ducting should be a minimum of 42" × 42" on the inner surface to ensure proper connection to the unit.



Roof Mounting

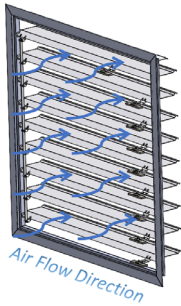


Ground Mounting



Duct Drop with 45° elbow

DAMPER INSTRUCTIONS



The damper is installed within the duct as the air enters the unit. On a downward discharge DeltaStream system, the damper will be placed between the unit and the ducting, allowing the DeltaStream to sit on top of the flange.

For an upward discharge DeltaStream system, the damper will be orientated horizontally and fastened to the ducting at the building entrance.