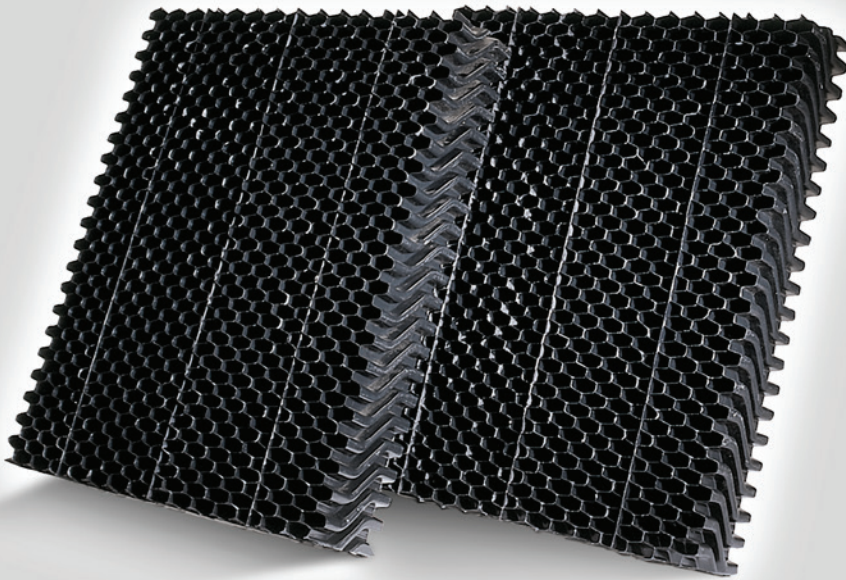


DRIFdek-IL®

DRIFdek-IL®
Mist Eliminators

FEATURES/BENEFITS

- Easy installation
- Self sealing design
- Excellent droplet separation
- Overlapping design



DRIFdek-IL® Mist Eliminators

DRIFdek-IL modular interlocking mist eliminators offer easy installation, self sealing design and excellent droplet separation. The overlapping design makes installation fast and watertight. No caulking or weather stripping is needed between the modules.

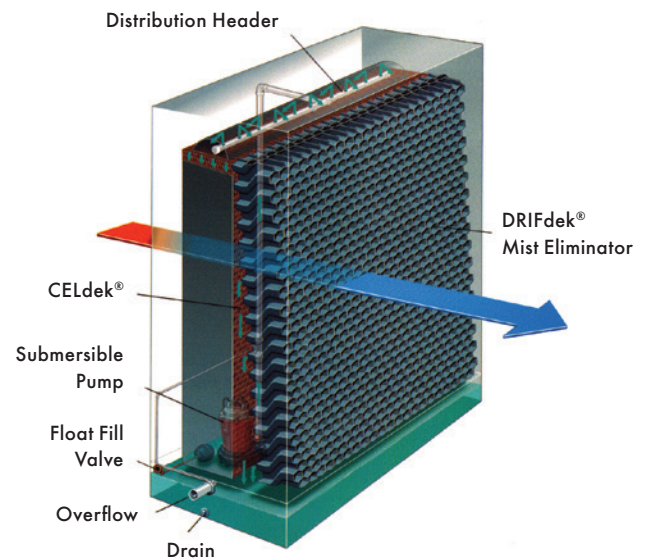
How does DRIFdek work?

Separation of water droplets from an air stream depends on inertial forces and, therefore, droplet size and velocity. When the air passes through the 'S' turns of DRIFdek-IL modular mist eliminators, the heavy water droplets impinge on the outside of each turn. They are drawn out of the air stream into the drainage channels and form droplets large enough to fall out the entering side of DRIFdek-IL modular mist eliminators without becoming re-entrained. Since the collected water exists on the inlet side, there are no requirements for a separate collection trough under the DRIFdek-IL.

Modular Interlocking Mist Eliminators

DRIFdek-IL (interlocking) may be installed horizontally or vertically. For vertical installation, DRIFdek-IL should be installed at a 5-10° angle to allow drainage of the water droplets.

DRIFdek-IL is designed to interlock at the joints between modules. This interlocking joint is formed by nesting the corrugations of adjacent modules. To size DRIFdek-IL, allow a loss of 1/2" for each interlocking joint.



Lower Pressure Drop

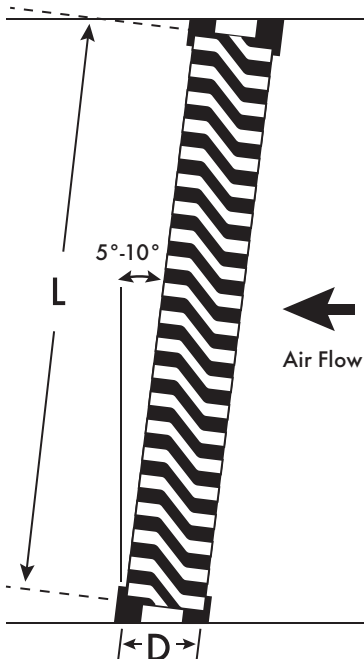
DRIFdek modular mist eliminators will add less than 0.05 inches W.G. (1.27 mm) static pressure to a system operating at less than 700 FPM (3.5 m/sec) through the mist eliminator. Its unique geometry eliminates the need for sharp turns or splash plates to achieve high efficiency. Please refer to the curve illustration for the full range of pressure drops.

Easy to Install

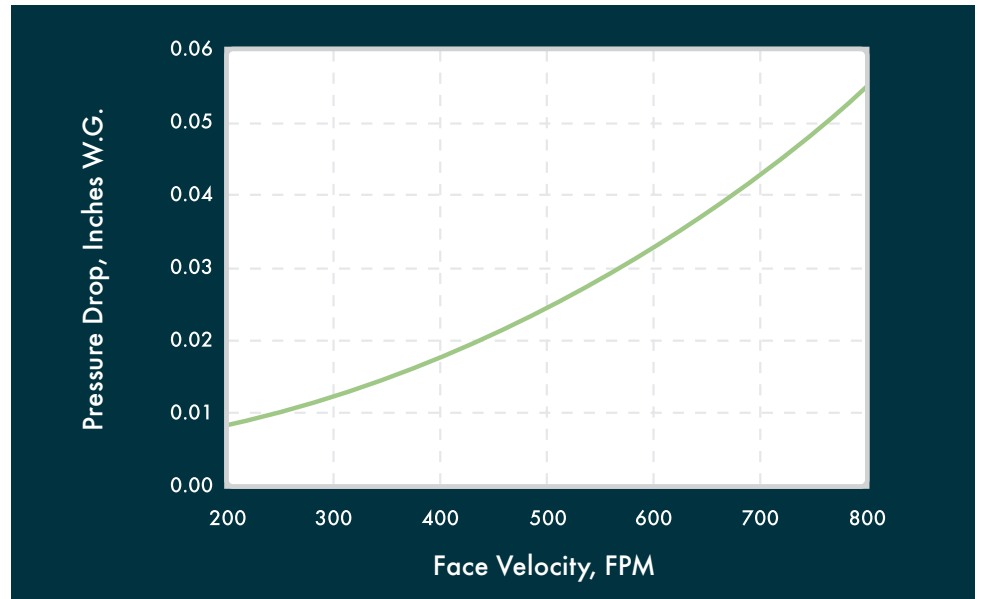
The rigid panel slides easily in and out of supports. DRIFdek-IL modular mist eliminators are delivered ready to install, and they are easily removed for routine maintenance of the equipment.

Munters DRIFdek-IL is designed to interlock at the joints between modules. This interlocking joint is formed by nesting the corrugations of adjacent panels.

To size DRIFdek-IL mist eliminators to fit the opening, allow a loss of 1/2" for each interlocking joint. If a watertight seal is not necessary, DRIFdek-IL mist eliminators may be installed side by side.



DRIFdek® Pressure Drop



Efficient

When installed at a 10° slant, and operated between 500 and 700 FPM (2.5 - 3.5 m/sec), DRIFdek-IL modular mist eliminators will remove more than 99% of the droplets larger than 65 microns.

Economical

The engineered honeycomb panel makes the structure very rigid. The simple, lightweight construction not only keeps the initial costs low, it also keeps installation costs down.

DRIFdek-IL modular mist eliminators need no complicated water-collection basin and only simple supports and retainers are required.

Sizes

Length (L): 48", 60", 72" ± 3/16"
Width (W): 12 1/8" and 25 1/8" ± 3/16"
(Standard, all others are side trimmed)
Depth (D): 5.25" + 3/16" - 0"

Non-Corrosive PVC

The PVC compound from which DRIFdek-IL modular mist eliminators are

constructed is a durable and non-corrosive material capable of providing long-lasting service under rigorous cooling tower conditions.

Specifications

DRIFdek-IL modular mist eliminators are constructed from UV resistive rigid polyvinyl chloride. It meets ultraviolet resistive PVC standard ASTM 1784, D3679.

This UV resistive PVC is the same rugged material used for structural piping, conduit, air-conditioning ducts, house siding, greenhouse construction and outdoor irrigation systems. The material resists common water contaminants and temperatures of up to 130°F (58.8°C) continuous operating temperature.

Care should be taken when storing DRIFdek-IL in the sunlight as radiant heat may be higher than 130°F.

Supports 1" (25 mm) wide should be installed by OEM fabricator.

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