

DRIFdek-IL® Drift Eliminators

FEATURES/BENEFITS

- Easy installation
- Self sealing design
- Excellent droplet separation
- Overlapping design
- Fast and watertight installation

DRIFdek-IL® Drift Eliminators

DRIFdek-IL modular interlocking drift 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.

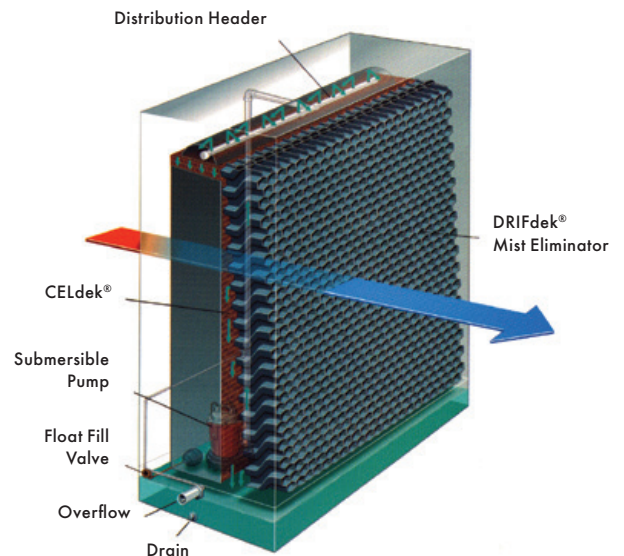
How does DRIFdek work?

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 drift 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 drift 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 Drift Eliminators

DRIFdek-IL (inter-locking) 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.



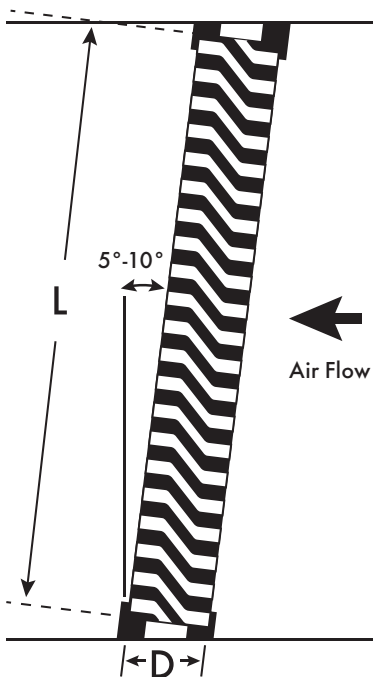
Lower Pressure Drop

DRIFdek modular drift 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 drift 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.

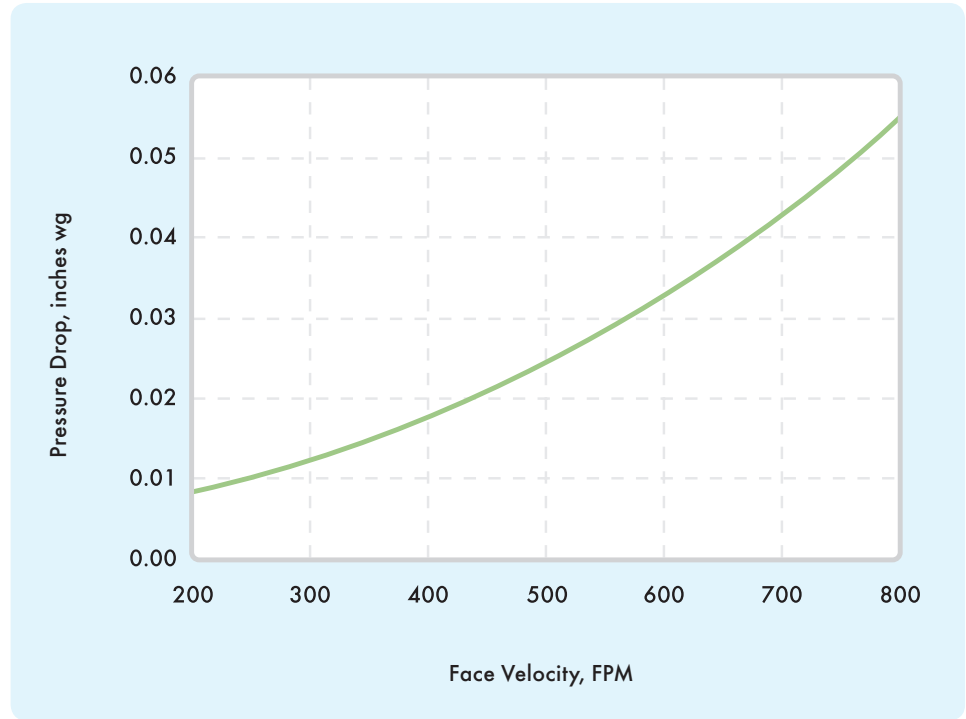
Easy to Install

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

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



DRIFdek® Pressure Drop



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

Non-Corrosive PVC

The PVC compound from which DRIFdek modular drift eliminators are constructed is a durable and non-corrosive material capable of providing long-lasting service under rigorous cooling tower conditions.

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"

Specifications

DRIFdek-IL modular drift 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 materials resist common water contaminants and temperatures of up to 130°F (58.8°C) continuous operating temperature.

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

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

Australia Phone +61 2 8843 1588, dh.info@munters.com.au **Austria** Phone +43 1 6164298-0, luftentfeuchtung@munters.at **Belgium** Phone +32 1528 5611, info@muntersbelgium.be **Brazil** Phone +55 41 3317 5050, munters@com.br **Canada** Phone +1 905 858 5894, dhinfo@munters.com **China** Phone +86 10 8041 8000, info@munters.com.cn **Czech Republic** Phone +420 544 211 434, info@munters-odvlhcovani.cz **Denmark** Phone +45 4495 3355, info@munters.dk **Finland** Phone +358 20 776 8230, laitemynti@munters.fi **France** Phone +33 1 3411 5757, dh@munters.fr **Germany** Phone +49 4087 96900, mgd@munters.de **India** Phone +91 20 668 18 900, info@munters.in **Italy** Phone +39 0183 52 11, marketing@munters.it **Japan** Phone +81 3 5970 0021, mkk@munters.co.jp **Korea** Phone +82 2761 8701, munters@munters.co.kr **Mexico** Phone +52 722 270 40 49, munters@munters.com.mx **Netherlands** Phone +31 172 433231, vochtbeheersing@munters.nl **Poland** Phone +48 58305 3517, dh@munters.pl **Singapore** Phone +65 6744 6828, info@munters.com.sg **South Africa** Phone +27 11 997 2000, info@munters.co.za **Spain** Phone +34 91 640 09 02, marketing@munters.es **Sweden** Phone +46 8 626 63 00, avfukning@munters.se **Switzerland** Phone +41 52 343 8886, info.dh@munters.ch **Thailand** Phone +66 2642 2670, info@munters.co.th **Turkey** Phone +90 216 548 1444, info@muntersform.com **UAE** +971 4887 6462, middle.east@munters.com **United Kingdom** Phone +44 1480 432243, info@munters.co.uk **USA** Phone +1 978 241 1100, dhinfo@munters.com **Vietnam** Phone +84 8 8256 838, vietnam@muntersasia.com



Munters Corporation

Tel: (800) 843-5360 E-mail: dhinfo@munters.com
www.munters.com