

Opti-Cel Cellular Drift Eliminator

Opti-Cel cellular drift eliminators are designed to remove entrained water droplets from the leaving air stream at minimum pressure losses in both crossflow and counterflow cooling towers.



The Opti-Cel drift modules are fabricated from rigid, corrugated PVC sheets that are UV inhibited. The drift modules are resistant to rot, fungi, bacteria, inorganic and organic acids and alkalis that are commonly found in cooling towers.

A detailed material specification for all properties with ASTM test methods is available upon request.

Opti-Cel drift eliminators are of the cellular multi-pass type with a modified sine wave sheet bonded between 1-1/2" wide corrugated spacer sheets. This design imparts structural strength for spanning capacity. The Opti-Cel 15/15 is designed to span 4'-0" and the Opti-Cel 15/25, 6'-0".

Opti-Cel modules are designed to nest together to insure a tight, uniform installation with no bypass of air or drift droplets.

Opti-Cel drift eliminators are designed with the spacer sheets oriented at approximately 30 degrees. This configuration insures that in crossflow tower applications, drift droplets are captured and drain back into the fill area of the tower and are removed from the air stream. In addition, this configuration directs the exiting air flow towards the fan in order to minimize pressure drop.

Opti-Cel drift eliminators prevent drift in excess of .002% of the inlet water flow rate, and are guaranteed for all operating conditions. Opti-Cel is suitable for continuous operation at the maximum discharge air temperature in all towers with PVC film fill.

Opti-Cel modules are manufactured in sized 5-1/2" deep, 12" or 24" wide, and up to 12'-0" in length

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	DWG NAME		REV	DESCRIPTION	DESIGNED BY	CHECKED BY	APPROVED BY	DATE	COOLING TOWER DEPOT, INC 651 CORPORATE CIRCLE, STE. 206 GOLDEN, CO 80401 720-746-1234				
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