

CF150 Max Cellular Drift Eliminator




Brentwood Industries is pleased to introduce the CF-150MAX high-efficiency drift eliminator **designed exclusively for counterflow cooling towers.** The new MA (mechanical assembly) technology provides a number of benefits, including environmental. With its fully nesting design, Brentwood's Dri Seals, and careful installation, any new counterflow cooling tower, properly designed can achieve 0.001% drift emissions per the CTI STD-140 test method. This new design offers efficient drift reduction while keeping pressure drop significantly lower than competitive cellular designs meant for crossflow cooling towers. (See CTI Paper TP06-11 showing comparative pressure drop tests of competing designs). In retrofit projects, older cooling towers will see a vast improvement of drift emissions also. Made from rigid, UV protected PVC that meets CTI STD-136 for PVC material used in cooling tower service, the CF-150MAX is offered in two material gauges; 15 mil (0.38mm) standard gauge for 4' spans and 25 mil (0.64mm) heavy-duty gauge for 6' spans.

Sample Specification

Drift eliminators shall be of the cellular type, Brentwood CF-150MAX or approved equal. The modules shall be made from rigid PVC that meets CTI STD-136 with UV protection and be assembled without adhesives or solvents. It shall have a flame spread rating of 15 or less (per ASTM E-84) and be designed to nest to prevent drift-bypass between modules. The air passageways shall cause the air to make at least three changes in direction.

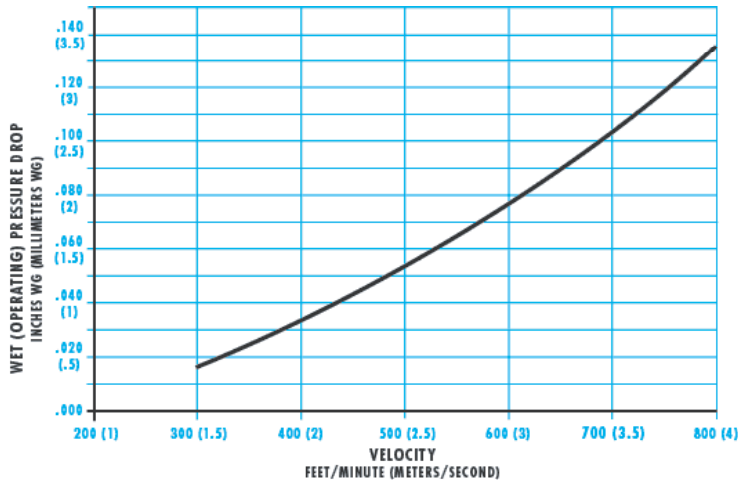
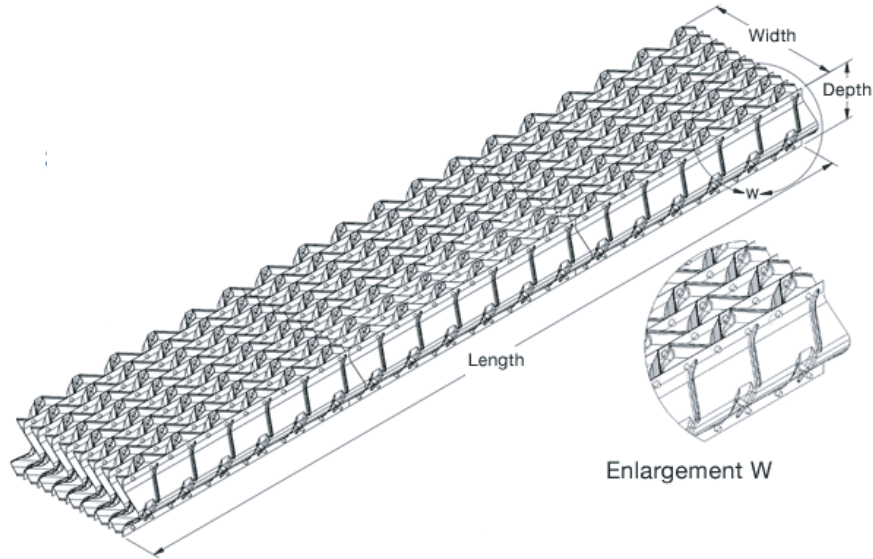
In counterflow configuration, the modules shall be able to be supported on 48" centers (72" with optional heavy duty material) with minimal deflection. The drift eliminator modules shall measure 5.25" deep, up to 18" wide, and up to 144" long.

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Sheet Thickness	Dry Weight		Maximum Span
	lbs/ft ²	kg/m ²	
.015" (.38mm) Standard	1.0	4.9	4 ft (1.2m)
.020" (.51mm)	1.3	6.3	6 ft (1.8m)

Cell Size	Module Dimensions		
	Depth	Width	Standard Length
.800 in (20 mm)	5.25" (133 mm)	12" (305 mm) or 18" (457 mm)	2 to 12 ft. in 2 ft. increments (610 to 3658 mm in 610 mm increments)



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