



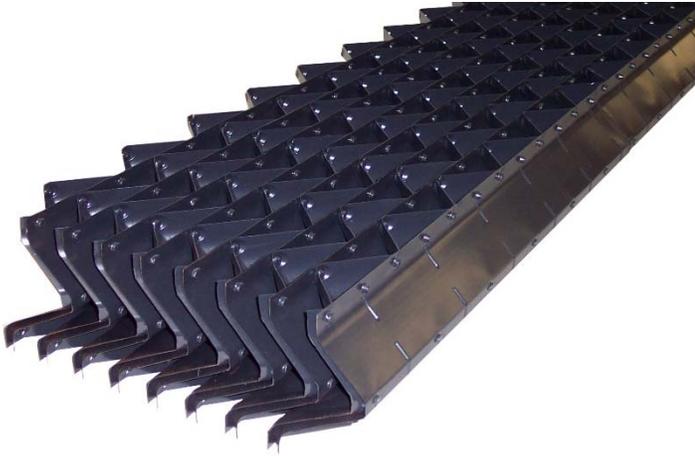
CF150MAx High-Efficiency Cellular Drift Eliminator

Brentwood is pleased to introduce the CF150MAx high-efficiency drift eliminator designed exclusively for counterflow cooling towers. Brentwood's patented MA (Mechanical Assembly) technology provides a number of benefits including environmental considerations. With its fully nesting design, Brentwood's Dri-Seals, and careful installation, any new properly designed counterflow cooling tower can achieve 0.001% drift emissions per the CTI STD-140 test method.

This drift eliminator design offers efficient drift reduction while keeping the pressure drop significantly lower than competitive cellular designs meant for crossflow towers. (See CTI paper TP06-11 showing comparative pressure drop tests of competing designs.)

In retrofit projects older cooling towers also will see a vast improvement of drift emissions.

Made from rigid UV protected PVC or from polypropylene that meets CTI STD-136 for thermoplastic materials used in cooling tower service, the CF150MAx is offered in two material gauges: 15mil (0.38mm) standard gauge for 4ft (1219mm) spans (PVC and PP) and 20mil (0.51mm) heavy-duty gauge for 5ft (1524mm) spans (PVC only).



Example Specification

Drift eliminators shall be of the cellular type, Brentwood CF150MAx, or approved equal.

The modules shall be made from rigid PVC or polypropylene that meets CTI STD-136 with UV protection and be assembled without adhesives or solvents. If supplied in PVC material it shall have a flame spread rating of 25 or less per ASTM E-84.

The panels shall be designed to nest to prevent drift-bypass between modules. The passageways shall cause the air to make at least three (3) directional changes.

The drift eliminator modules shall measure 5.25in (133mm) deep, up to 18in (457mm) wide, and up to 144in (3658mm) long.

The modules shall be able to be supported on 48in (1219mm) centers [60in (1524mm) centers with optional heavy duty material] with minimal deflection.

The installation shall be in accordance with manufacturer's recommendations and guidelines in order to meet the specified drift rate. See Application Note, "Guidelines for Maximum Drift Reduction in Induced-Draft Counterflow Towers" for Brentwood's installation recommendations.

