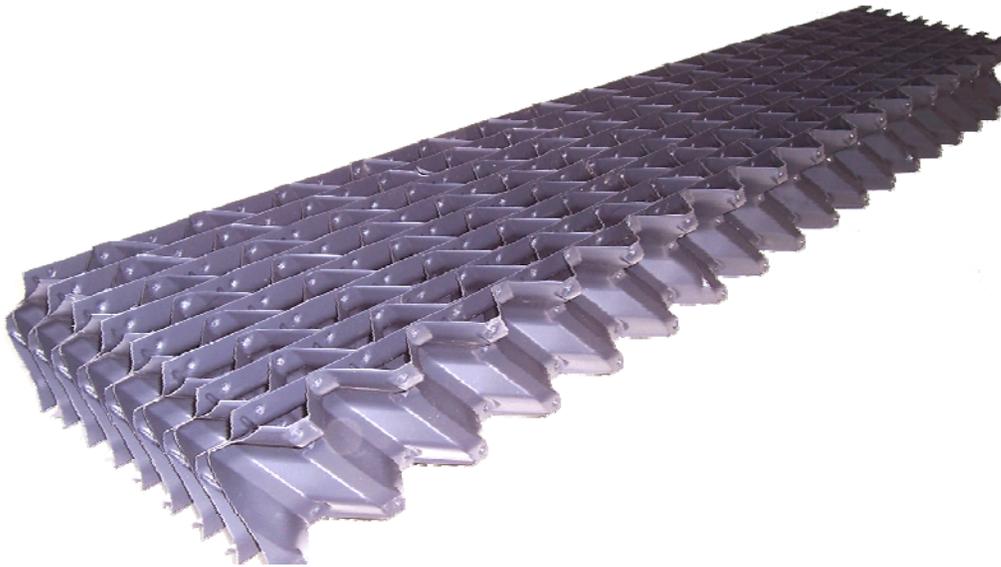


XF-150Max High-Efficiency Crossflow Drift Eliminator



Brentwood Industries is pleased to introduce the XF-150Max, a high-efficiency, cellular drift eliminator ***specifically designed for crossflow tower applications***. Its design maximizes drift reduction by providing an upward flow path and discharge angle of 40°-55° from the horizontal depending on installation angle. It can also be installed vertically and be fully effective. The upward flow path and molded-in drainage channels keep drift emissions minimized by directing the collected drift back to the wet section of the tower, even when impacted with water spray. It also incorporates our patented MA (mechanical assembly) technology which provides a number of benefits, including environmental. With its fully nesting design, Dri Seals, and careful installation, a properly designed crossflow cooling tower can achieve 0.001% drift emissions or less per the CTI STD-140 test method. In retrofit projects, older cooling towers will also see a vast improvement of drift emissions. Made from rigid, UV protected PVC that meets CTI STD-136, the XF-150Max is offered in two material gauges; 15 mil (0.38mm) standard gauge and 20 mil (0.51mm) heavy duty gauge.

Example Specification

Drift eliminators shall be of the cellular type, Brentwood XF-150Max or approved equal and be designed specifically for crossflow cooling towers. The modules shall be made from self-extinguishing, 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 directional changes and provide an upward discharge flow path angle of at least 40°. Water management drainage channels shall be integral to the design.

In the standard 10° from vertical crossflow configuration, the modules shall be able to be supported on up to 96" centers with minimal deflection (up to 120" spans with optional heavy duty material). The drift eliminator modules shall measure 5.25" deep, up to 18" wide, and up to 144" long.