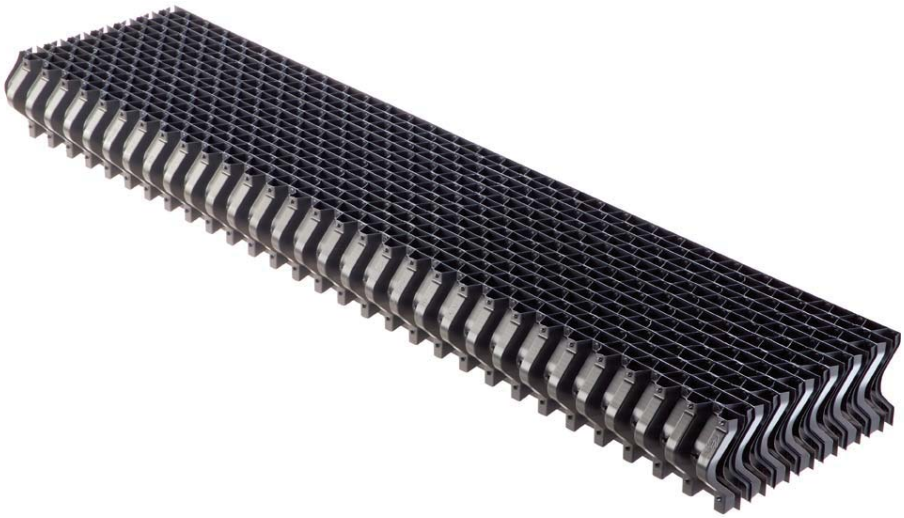
CF80 Max Cellular Drift Eliminator



Special Drainage Tips: Keeps drift emissions low even at high air velocities

Brentwood Industries is proud to present its latest development in high efficiency drift removal technology, the CF-80Max. CF-80Max incorporates the same high-efficiency and low pressure drop flute design, as its predecessor, the CDX-80, plus it adds special drainage tips to keep drift emissions & pressure drop low, even at the highest air velocities encountered in counterflow cooling towers. As such, you can expect the same drift removal efficiency, as low as 0.0004% of the circulating water flow per CTI STD-140 (the industry standard for the testing of cooling tower drift). With its fully nesting design, Brentwood's Dri Seals, and installation per Brentwood's installation guidelines, any counterflow cooling tower properly designed can achieve that same result. 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, the CF-80MAx is offered in two material gauges; standard, 13-mil (0.33mm) for 4' (1220mm) spans and heavy-duty, 20-mil (51mm) for 6' (1830mm) spans. Alternate materials are available for higher temperature applications. Contact a Brentwood Sales Engineer for material options and temperature limits.

Example Specification

Drift eliminators shall be of the cellular type, Brentwood CF-80MAx or approved equal. The modules shall be made from prime, rigid PVC that meets CTI STD-136 with UV protection, have a flame spread rating of 15 or less (per ASTM E-84) be assembled without adhesives or solvents 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.

When installed in a horizontal orientation, the modules shall be able to be supported on 48" (1220mm) centers and 72" (1830mm) with optional heavy duty material with minimal deflection. Supports shall provide a minimum of 1.0" (25mm) of bearing surface.

The drift eliminator modules shall measure 5.25" (133mm) deep, up to 24" (610mm) wide, and up to 144" (3660mm) long.

The installation shall be in accordance with manufactures recommendations & guidelines. See Application Note, "Guidelines for Maximum Drift Reduction when Using CF-80Max's in Induced Draft Counterflow Towers" for Brentwood's installation recommendations.

PROJECT NAME AND LOCATION:
MODEL NO.
DWG NAME:
DRAWING NUMBER: A-100 | JOB NUMBER: | SHEET: 1 of 1 | REV: 0
SCALE: NO SCALE | COMMENTS

REVISIONS

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

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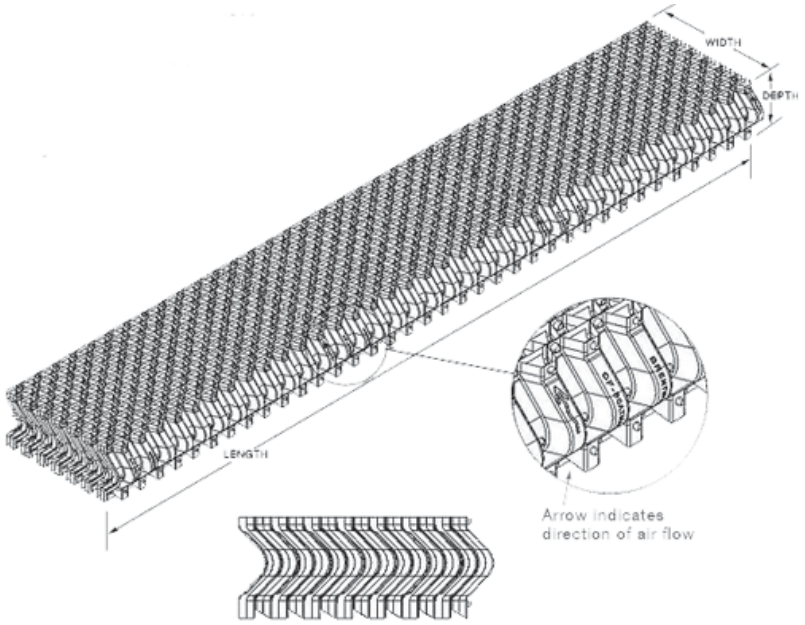
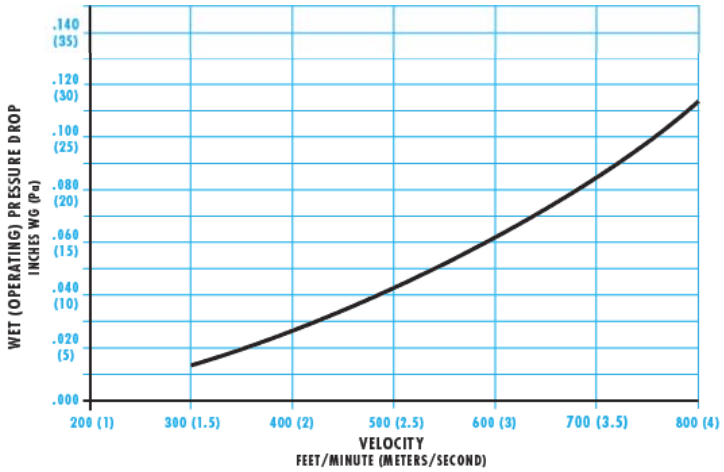
Sheet Thickness	Dry Weight		Maximum Span
	lbs/ft2	kg/m2	
.013" (.33mm) Standard	1.6	7.8	4 ft (1.2m)
.020" (.51mm) Heavy Duty	2.2	10.7	6 ft (1.8m)

Cell Size	Module Dimensions		
	Depth	Width	Standard Length
.86" (21.8 mm)	5.25" (133 mm)	12" (305 mm) or 18" (457 mm)	2 to 12 ft.(610 to3658mm) in 1 ft.(305mm)increments up to 6ft(1829mm) and in 2ft.(610mm)increments over 6ft.(1829mm)





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