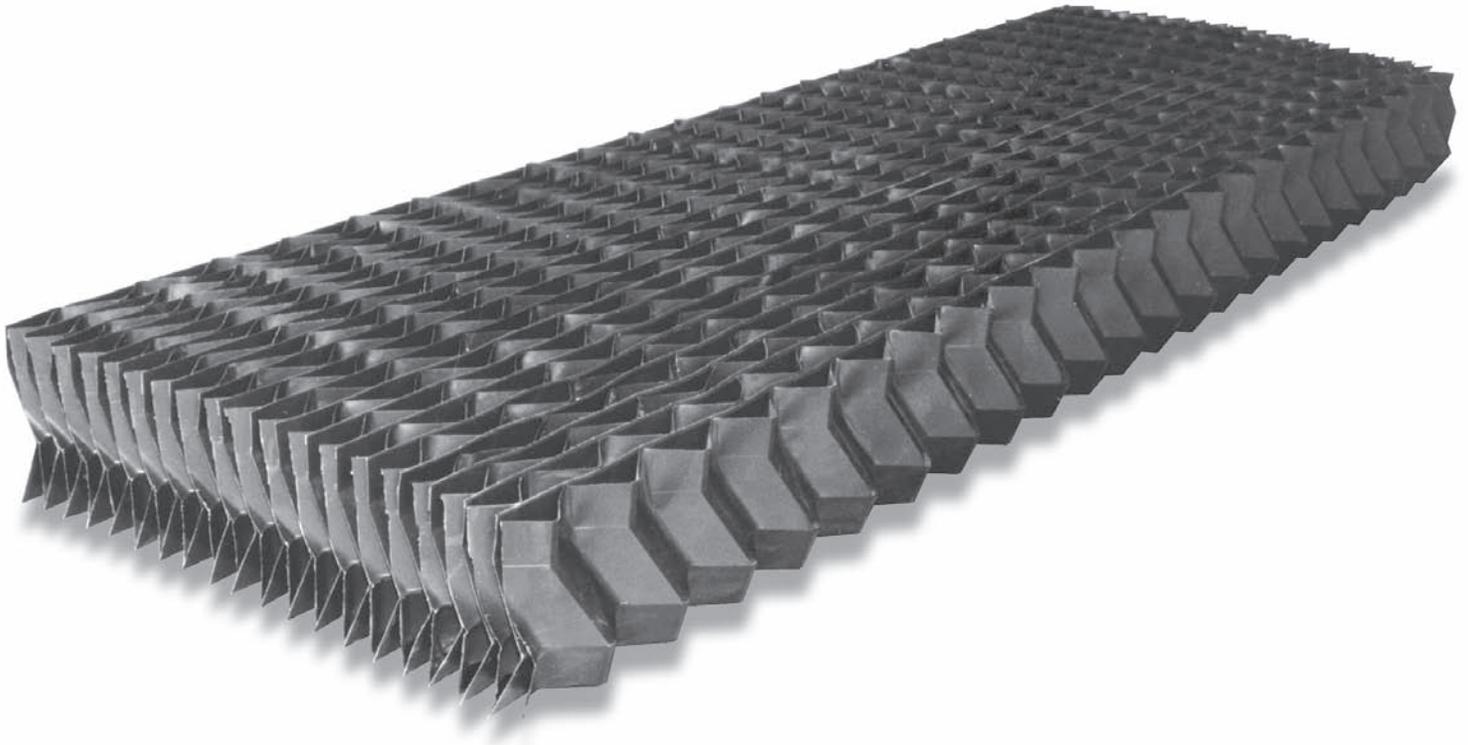


/ XCEL[®]plus Eliminator /



Marley developed the first cellular drift eliminator in the 1970s when eliminator designs were primarily ineffective blade type configurations. Next, Marley patented the XCEL generation of eliminators in the early 80s. No other eliminator could come close to XCEL eliminator's low drift rate and low pressure drop. Now, virtually every eliminator is a nesting cellular PVC type design.

XCEL^{plus} is a more advanced design that meets or exceeds today's demanding specifications for drift emissions without sacrificing fan horsepower. Now you can have drift rates half of the original XCEL with equivalent pressure drop.

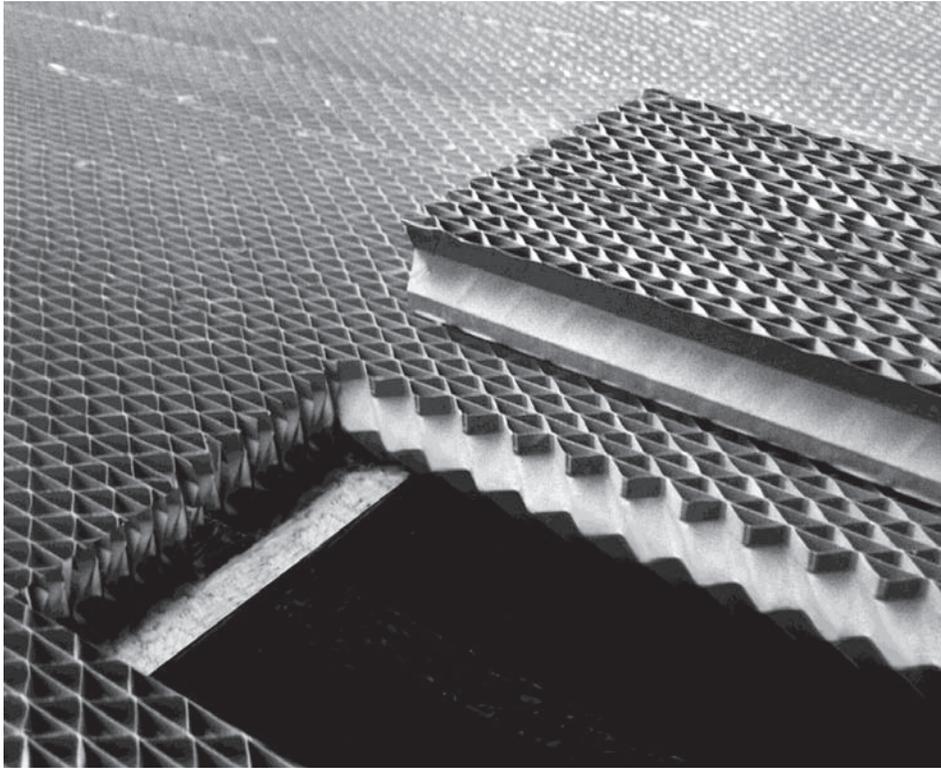
The eliminator discharge angle is important enough to warrant two separate eliminator designs—one for crossflow and one for counterflow towers. Tests show the air direction leaving the eliminator is extremely important—imperfect designs create additional work for the fan. This means either increased fan horsepower—or reduced cooling tower performance. The crossflow version features drainage slots within the eliminator pack to insure trapped drift is returned to the wet side of the cooling tower.

Low drift rate is the primary goal of eliminator design. XCEL^{plus} boasts typical drift rates of .001% of the total GPM. Lower drift rates are available depending upon tower configuration.

Considering low drift rates and low pressure drop, XCEL^{plus} is the most effective cooling tower drift eliminator available in the market place today.

Marley[®]
Beyond Cool

/ XCELplus Eliminator /



/ Suggested Specification /

Drift eliminators shall be of cellular type, Marley XCELplus or approved equal. The eliminators shall be thermoformed from 17 mil (.017") PVC (polyvinyl chloride) material into a configuration providing at least three changes of air direction and solvent welded into multiple sheet packs.

Eliminators used in crossflow towers must provide a discharge angle (as defined by the angle of the last section of the eliminator itself) of at least 42° from the horizontal when installed.

The mass drift quantity, determined by the CTI Drift Test Code ATC-140 shall not exceed _____% of the total GPM and shall be guaranteed for all operating conditions.

The eliminator packs shall be able to span 66" unsupported for counterflow configurations and 72" for crossflow, with minimal deflection at design conditions. Eliminators shall be FM approved.

Eliminator packs shall measure up to 24" wide, 5.75" in depth and up to 12'-0" long.

Marley®
Beyond Cool

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In the interest of technological progress, all products are subject to design an/or material change without notice.
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