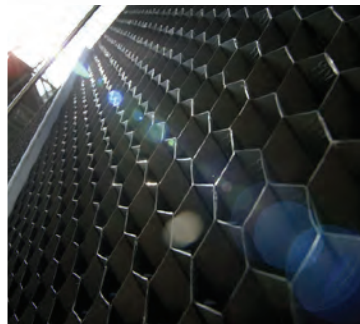


Cooling tower service personnel worldwide asked for time-saving alternatives to film-fill replacement—SPX delivered with Marley MBX fill.



Marley MBX high-performance fill—a crossflow film-fill system specifically designed for maintenance and replacement productivity. Compared to traditional hanging fill, MBX can reduce installation time by up to 40% while offering greater cooling efficiency without major tower structural modifications.

Factory-assembled cooling towers typically are equipped with individually installed PVC fill sheets supported from structural tubing. While this sort of individual sheet installation is very efficient in the factory, installing single-sheet fill replacements in the field can be difficult or nearly

impossible. Through years of research, field surveys and testing, SPX Cooling Technologies has developed a solution that removes the complexities, and up to 40% of the labor effort, of crossflow film-fill replacement.

MBX fill sheets are thermoformed from .020" thick, UV inhibited, chemically resistant PVC. The material is extruded and manufactured to rigid specifications before forming. As an added benefit, MBX incorporates highly efficient cellular drift eliminators, integrally molded within the fill. These eliminators may be capable of reducing drift emissions by a factor of 10 or more. Additionally, louvers integrally molded within the fill, prevent water from escaping and ensure precise air

distribution throughout wide variations in airflow. That's a whole lot of engineering and performance neatly packed into easy to handle, modular fill replacement units.

MBX is not just a replacement part, it is a complete engi-

neered system designed from the ground up with maintenance personnel in mind.

MBX is available in various air travels to fit any crossflow cooling tower, regardless of a cooling tower's age, design or manufacturer.





profiles



Key Features

- High efficient replacement crossflow film-fill
- Single piece, full height design
- Durable design adaptable to any crossflow fill configuration

Specifications

Construction and Materials

Louvers and eliminators are thermoformed integrally with each fill sheet. The fill consists of 20mil (0.020") thick polyvinyl chloride sheets. Flame spread rating of the material will not exceed 25 per ASTM E-84.

Configuration

The fill is designed specifically for crossflow cooling tower applications. It contains a minimum of 51 square feet of wetted heat transfer surface per cubic foot of fill material.

Supports

Fill is bottom supported on a fiberglass grate that sits on corrosion resistant steel or fiberglass supports and is elevated at least 2" above the floor of the cold water basin to facilitate cleaning. The fiberglass grate is designed to allow 83% open area under the fill.

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

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