

/ Marley Omega Crossflow Splash Fill /



Omega installed parallel to airflow

Marley Omega splash fill bar advances the state of the art in cooling tower splash fill.

Enhanced thermal performance of Omega fill increases cooling tower capacity in most all cases. Variable fill bar spacings provide the required thermal performance with the minimum amount of fill material and installation time. Omega fill is installed parallel or perpendicular to the air flow depending on thermal performance requirements or existing cooling tower configuration.

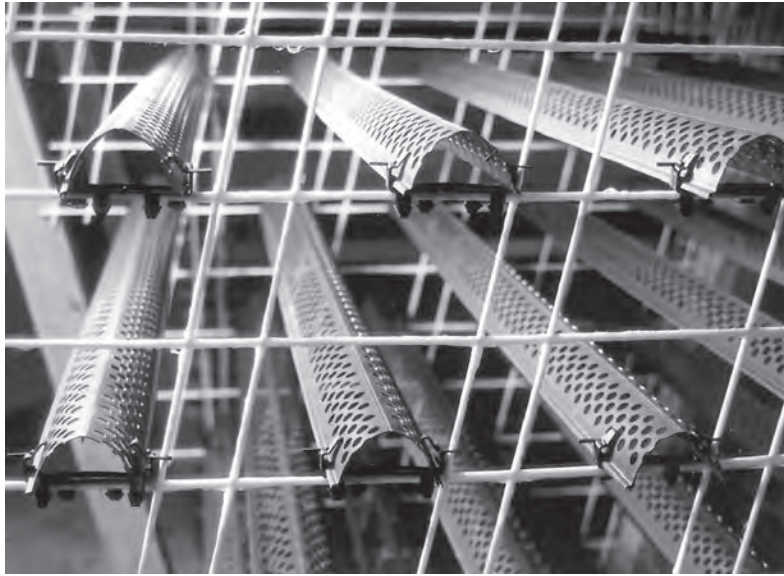
Omega fill bars are extruded of corrosion resistant PVC (polyvinyl chloride) manufactured by SPX's Kansas plastics manufacturing facility. The unique material formula used in the Omega bar meets or exceeds CTI Standard 136 for strength, flammability and impact. Each bar is firmly attached to FRP or stainless steel fill grids with unique injected molded polypropylene benches designed to prevent premature wear on the fill bar and the grid.

Omega bar's classic arch shape enhances structural characteristics which prevents sagging, even after prolonged exposure to cooling tower environments.

Omega fill and its support system are designed to be used in virtually all cooling towers regardless of a cooling tower's age or manufacturer.



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Omega installed perpendicular to airflow

/ Suggested Specification /

The fill will be used in crossflow or counterflow cooling towers.

Construction and Materials

Each fill bar will be a PVC extrusion, designed to prevent excessive sagging between support points. The bars will be supported in a fabricated fiberglass reinforced polyester grid. The grid will be designed and fabricated to maintain the fill bars in proper vertical and horizontal spacing.

Each bar will be retained in its grid by polypropylene fasteners. The attachment must isolate the fill bar from the grid to prevent premature wear on either part.



Omega bench positively secures fill bar and is easily installed. It's designed to firmly attach to either FRP, stainless, or vinyl coated wire grid.

Configuration

Fill bar spacing will be determined by the vendor as necessary for the required thermal performance.

Each bar will have an arch shape. The sides of the arch will be perforated at regular intervals to develop proper water break-up.

SPX[®]

COOLING TECHNOLOGIES

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