



PRODUCT REPORT

PRD57/00

BAC Crossflow Products Feature Separate, Wide-Spaced Air Inlet Louvers for Significant Operating Advantage

Air inlet louvers are provided on crossflow cooling towers to prevent water splash-out on the louver face of the cooling tower. There are several key features of the BAC design which differentiate it from other designs and which provide equipment users with significant operating advantages:

- **DURABLE, CORROSION RESISTANT**
- **REDUCED SCALE POTENTIAL**
- **WIDE SPACED DESIGN**
- **REMOVABILITY**



DURABLE, CORROSION RESISTANT

The air inlet louvers on BAC Series 1500 and Series 3000 Cooling Towers are constructed of maintenance-free, corrosion-resistant, FRP. They are heavy-gauge, 10-7/8" blades of wave-formed pattern manufactured for durability and easily withstands the rigors of cleaning and year-round operation.

REDUCED SCALE POTENTIAL

The air inlet face of the wet deck surface is constantly immersed in water, whether the cooling tower fans are on or off. This minimizes the potential for scale build-up on the wet deck surface. Some competitive designs which employ air inlet louvers molded into the wet deck surface may be more susceptible to scale build-up at the interface of the wetted surface and the dry surface of the molded sheet.

WIDE SPACED DESIGN

The BAC air inlet louvers have an optimized spacing of 12" between the louvers to allow free and unobstructed air flow into the equipment. Some competitive designs have as little as 1" honeycomb openings which may be more susceptible to air blockage if build-up of scale or silt occurs.

REMOVABILITY

The BAC air inlet louvers are designed for easy removability which allows cleaning if necessary and better access to the wet deck surface for cleaning.

Suggested Specification:

Inlet louvers shall be removable for cleaning, and have a corrosion resistant FRP construction in a wave-formed pattern for durability. Spacing shall be 8 inches minimum to resist blockage.



For more information...contact

Baltimore Aircoil

P. O. Box 7322, Baltimore, Maryland 21227

(410) 799-6200 Fax (410) 799-6416

Website: www.BaltimoreAircoil.com

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