



# PROJECT REPORT

PRJ 51/03

## “University of Maryland Terrapins Play it *COOL* in the New Comcast Center!”



November 24, 2002 marked the beginning of a new era for the University of Maryland’s men’s basketball team. With a National Championship under their belts from the previous year, the Terps were eager to repeat history, but there were a few details they wouldn’t miss this time around. “Gone were the wooden seats and balmy temperatures,” recalls Chris Stuchko, former Athletic Media Relations Associate for Maryland. Even with the record-setting crowd of 17,950 Terp basketball fans, the players ran out onto a cool and comfortable court, much unlike what they were used to in the past at Cole Fieldhouse. The team would now enjoy playing in an air-conditioned arena, thanks to the construction of the Comcast Center located in the northeast edge of the College Park campus.

Besides offering new gift shops, eateries and workout facilities, the University of Maryland’s state-of-the-art Comcast Center also boasts a deluxe comfort cooling system. Baltimore Aircoil Company is proud to have installed four (4) Series 3000 Cooling Towers as part of the system cooling this innovative center.

The B.A.C. Cooling Towers were shipped to the Comcast Center on September 24, 2001 and installed by the Poole & Kent Company, a contracting firm located in Baltimore, MD. Each of the 4 model 33758G Cooling Towers are capable of producing 758 nominal tons of cooling, which is used in the enormous arena, an academic support and career center, locker rooms, administrative offices, a University of Maryland team shop, eateries, a gym used by 19 sports teams, weight rooms, and a wrestling room.

The B.A.C. Series 3000 Cooling Towers are constructed from galvanized steel and FRP (fiberglass reinforced polyester) casing panels for increased life expectancy. Each tower is provided with gear drives, electric immersion heater elements to ensure that the basin water does not freeze, as well as heater controls, bottom equalizers, and one 50 hp fan motor.

The EASY CONNECT® Piping Arrangement with BALANCE CLEAN® Chamber design incorporates a single bottom water inlet with a balancing chamber, ensuring that the water is evenly distributed to the nozzles and strainer. This arrangement allows for all maintenance of the hot water distribution system to be performed from the interior of the tower, rather than from the fan deck. Furthermore, this innovative option reduces installation and field maintenance costs, through the elimination of overhead piping.

All four (4) 33758G Cooling Towers are CTI Certified, as are all Series 3000 Cooling Towers manufactured by B.A.C. The Cooling Technology Institute (CTI) is a nonprofit, self-governing, technical association dedicated to improving and standardizing measurements of evaporative cooling equipment. Simply stated, CTI certification assures the customer they get what they pay for.

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