

NEW!



EvapJet™ Nozzle

**EVAPCO's Latest Innovation in
Water Distribution for Evaporative Cooling!**



EVAPJET™

Available on EVAPCO's Factory Assembled AT, REP, UBT, USS & UT Cooling Towers; and EvapTech's EC & EF Field Erected Cooling Towers

† Mark owned by the Cooling Technology Institute

EvapJet™ Performance Advantages



Thermal Performance Increase!

EvapJet's unique design ensures that every square inch of heat transfer surface receives complete and even water coverage, resulting in maximum thermal performance. EvapJet nozzles increase equipment thermal performance up to 3.5%. EVAPCO's pressurized water distribution system with EvapJet nozzles is the most efficient system in the industry.

Oscillating Spray Water!

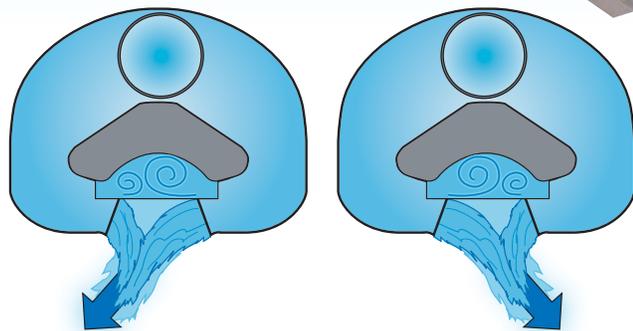
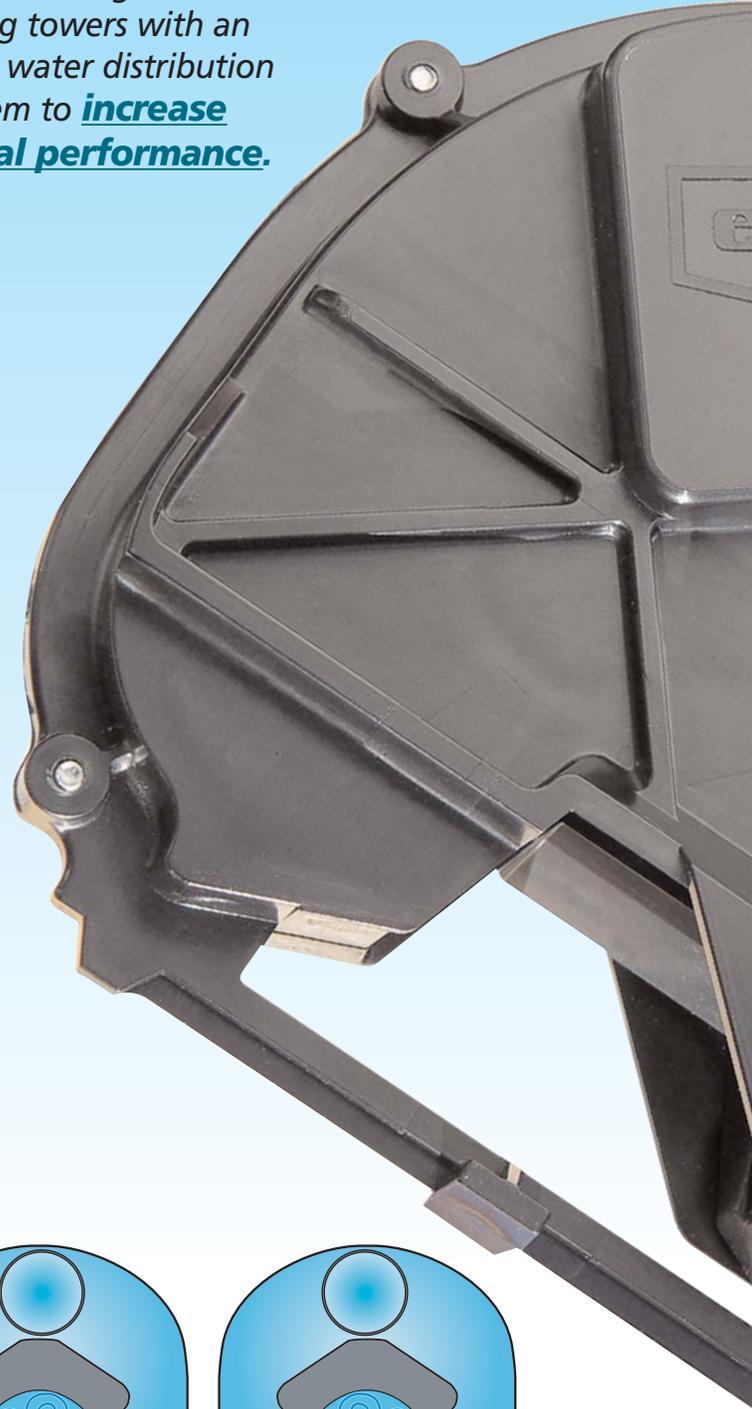
The sweeping oscillations from EvapJet's colliding water streams provide complete fill pack coverage. Traditional nozzle designs create uneven water distribution that can result in "dry spots" or heat transfer surfaces not covered by water, thereby reducing thermal performance.

Even Spray Distribution!

Also, the EvapJet nozzle design incorporates a dispersion bar at the nozzle orifice to further ensure even water distribution over the heat transfer surface.

EvapJet™ – New High Low Maintenance

Retrofit existing EVAPCO cooling towers with an EvapJet water distribution system to **increase thermal performance.**



The fluidic geometry of the EvapJet nozzle breaks the fluid into two separate paths. Typically when the two fluids meet head on they will create a planar water stream however, the Evapjet nozzle is designed such that the streams meet at an angled approach. This design results in an oscillatory motion characteristic of fluidic nozzles.

High Performance, Maintenance Nozzle.

Retrofit existing EVAPCO cooling towers with an EvapJet water distribution system to **reduce maintenance.**

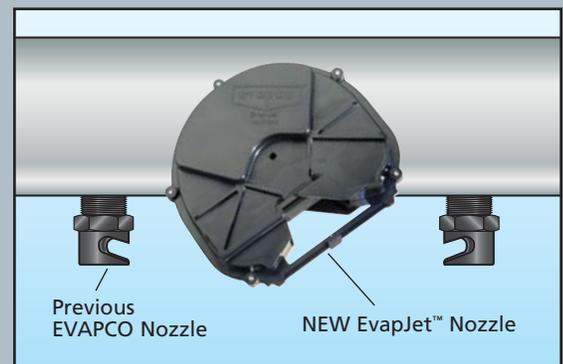


EvapJet™ Maintenance Advantages

Wider Nozzle Orifice!

EvapJet's 1" wide nozzle orifice combined with its location on the side of the header easily allows the largest debris to flow through the water distribution system. EVAPCO's pressurized distribution system also helps to force debris through the nozzles thereby significantly reducing maintenance.

New EvapJet nozzle compared to previous EVAPCO nozzles



66% Fewer Nozzles!

This state-of-the-art water distribution system developed by EVAPCO engineers results in a 66% reduction in nozzles. Fewer nozzles and a wider nozzle orifice reduces the possibility of clogging.

No Moving Parts!

Since there are no moving parts, the nozzles will rarely if ever need to be replaced. Less maintenance!

Durable Construction

The EvapJet nozzle is constructed of precision molded ABS, giving the nozzle superior corrosion resistance.



Innovation, Performance, Experience



★ World Headquarters/ Research and Development Center

■ EVAPCO Facilities

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