

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!

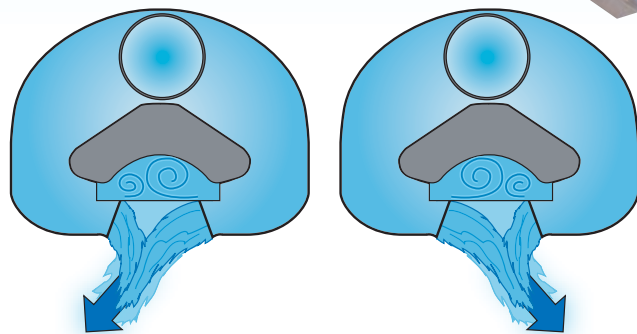
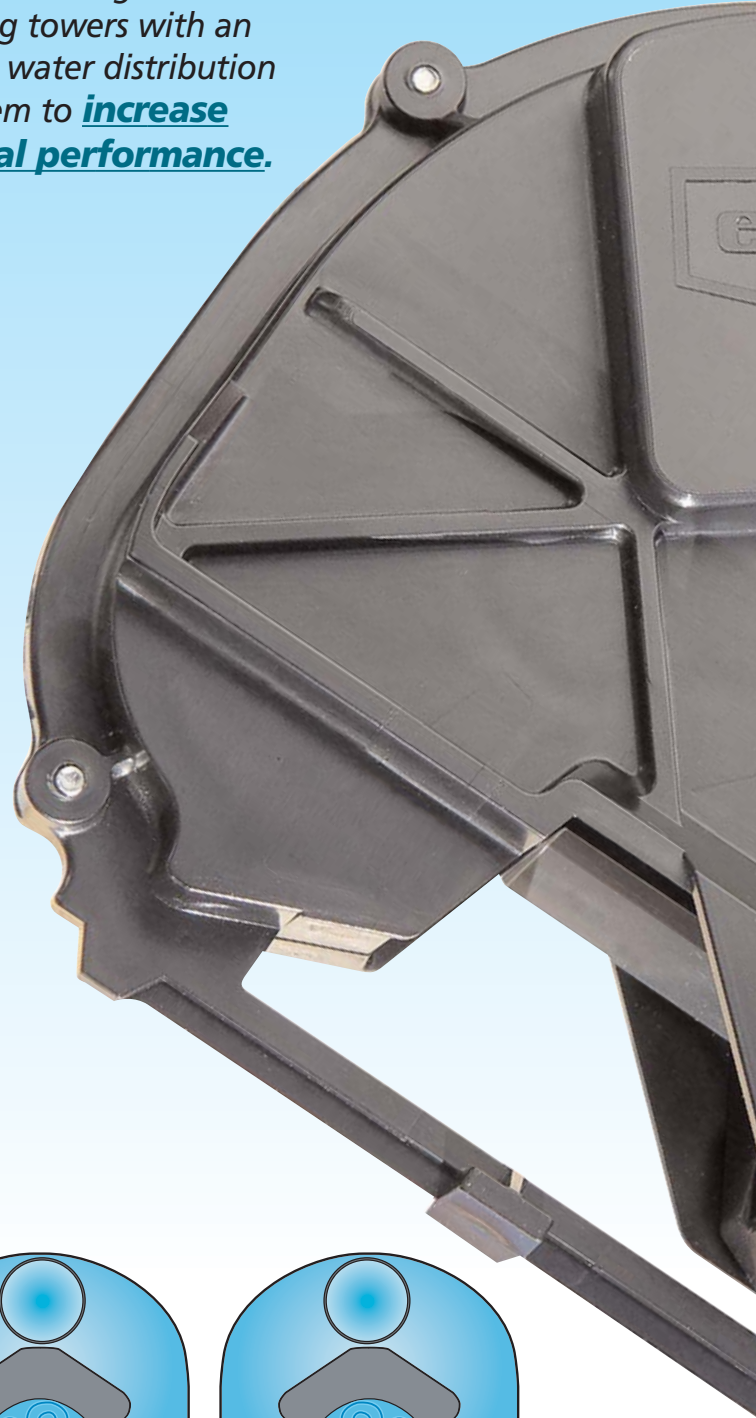
The sweeping oscillations from EvapJet's colliding water streams provide complete fill pack coverage. Traditional nozzle designs create uneven water distribution that can result in "dry spots" or heat transfer surfaces not covered by water, thereby reducing thermal performance.

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.**

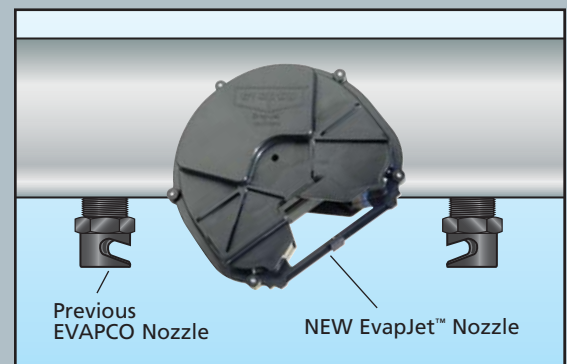


EvapJet™ Maintenance Advantages

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

EVAPCO, Inc. — World Headquarters & Research/Development Center

EVAPCO, Inc. • P.O. Box 1300 • Westminster, MD 21158 USA
PHONE: 410-756-2600 • FAX: 410-756-6450 • E-MAIL: marketing@evapco.com

EVAPCO North America

EVAPCO, Inc.

North American Headquarters

P.O. Box 1300 / Westminster, MD 21158 USA

Phone: 410-756-2600 / Fax: 410-756-6450 / E-mail: marketing@evapco.com

EVAPCO East

5151 Allendale Lane
Taneytown, MD 21787 USA
Phone: 410-756-2600
Fax: 410-756-6450
E-mail: marketing@evapco.com

EVAPCO Midwest

1723 York Road
Greenup, IL 62428 USA
Phone: 217-923-3431
Fax: 217-923-3300
E-mail: evapcomw@evapcomw.com

EVAPCO West

1900 West Almond Avenue
Madera, CA 93637 USA
Phone: 559-673-2207
Fax: 559-673-2378
E-mail: contact@evapcowest.com

EVAPCO Iowa

925 Quality Drive
Lake View, IA 51450 USA
Phone: 712-657-3223
Fax: 712-657-3226

EVAPCO Iowa

Sales & Engineering
1234 Brady Boulevard
Owatonna, MN 55060 USA
Phone: 507-446-8005
Fax: 507-446-8239
E-mail: evapcomn@evapcomn.com

Refrigeration Valves & Systems Corporation

A wholly owned subsidiary of EVAPCO, Inc.
1520 Crosswind Dr.
Bryan, TX 77808 USA
Phone: 979-778-0095
Fax: 979-778-0030
E-mail: rvs@rvscorp.com

McCormack Coil Company, Inc.

A wholly owned subsidiary of EVAPCO, Inc.
P.O. Box 1727
6333 S.W. Lakeview Boulevard
Lake Oswego, OR 97035 USA
Phone: 503-639-2137
Fax: 503-639-1800
E-mail: mail@mmcoil.com

EvapTech, Inc.

A wholly owned subsidiary of EVAPCO, Inc.
8331 Nieman Road
Lenexa, KS 66214 USA
Phone: 913-322-5165
Fax: 913-322-5166
E-mail: marketing@evaptechinc.com

Tower Components, Inc.

A wholly owned subsidiary of EVAPCO, Inc.
5960 US HWY 64E
Ramseur, NC 27316
Phone: 336-824-2102
Fax: 336-824-2190
E-mail: towercomp@earthlink.net

EVAPCO Asia/Pacific

EVAPCO Asia/Pacific Headquarters

Evapco (Shanghai) Refrigeration Equipment Co., Ltd.
1688 Jinshi Road, Baoshan District
Shanghai 200949, P.R. China
Phone: (86) 21-6687-7786 / Fax: (86) 21-6687-7008
E-mail: marketing@evapcochina.com

Beijing EVAPCO Refrigeration Equipment Co., Ltd.

Yan Qi Industrial
Development District
Huai Rou County
Beijing, P.R. China
Postal Code 101407
Phone: (86) 10 6166-7238
Fax: (86) 10 6166-7395
E-mail: evapcobj@evapcochina.com

Evapco Australia (Pty.) Ltd.

34-42 Melbourne St.
P.O. Box 436
Riverstone, N.S.W. Australia 2765
Phone: (61) 29 627-3322
Fax: (61) 29 627-1715
E-mail: sales@evapco.com.au

Evapco (Shanghai) Refrigeration Equipment Co., Ltd.

1688 Jinshi Road, Baoshan District
Shanghai 200949, P.R. China
Phone: (86) 21-6687-7786
Fax: (86) 21-6687-7008
E-mail: marketing@evapcochina.com

EVAPCO Europe

EVAPCO Europe, N.V.

European Headquarters

Heersterveldweg 19
Industriezone, Tongeren-Oost / 3700 Tongeren, Belgium
Phone: (32) 12-395029 / Fax: (32) 12-238527 / E-mail: evapco.europe@evapco.be

EVAPCO Europe, S.r.l.

Via Ciro Menotti 10
1-20017 Passirana di Rho
Milan, Italy
Phone: (39) 02-939-9041
Fax: (39) 02-935-00840
E-mail: evapcoeuropa@evapco.it

EVAPCO Europe, S.r.l.

Via Dosso 2
23020 Piateda Sondrio, Italy

EVAPCO Europe, GmbH

Bovert 22
D-40670 Meersbusch, Germany
Phone: (49) 2159-69560
Fax: (49) 2159-695611
E-mail: sturies@evapco.de

EVAPCO S.A. (Pty.) Ltd.

A licensed manufacturer of Evapco, Inc.
18 Quality Road
Isando 1600
Republic of South Africa
Phone: (27) 11 392-6630
Fax: (27) 11-392-6615
E-mail: evapco@evapco.co.za

Tiba Engineering Industries Co.

A licensed manufacturer of Evapco, Inc.
92 Asma Fahmi St.
ARD El-Golf-Heliopolis,
Cairo, Egypt
Phone: 202-290-7483/202-291-3610
Fax: 202-290-0892/202-414-5611
E-mail: manzgroup@tedata.net.eg



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