THERMAL PERFORMANCE GUARANTEE DRY FLUID COOLERS

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Dear EVAPCO Customers,

EVAPCO is pleased to announce that we have significantly expanded our air cooled product capability by launching global air cooled product lines produced in Evapco factories around the world.

Our new global product line of dry coolers is called eco-Air Series Dry Coolers. EVAPCO is proud to launch the eco-Air Series Dry Cooler product line with units which are designed, rated, tested and guaranteed to provide 100% thermal capacity.

EVAPCO has tested the thermal performance of dry coolers produced by companies other than Evapco in our state of the art Research and Development Test Facility. Consequently, we realize that our strategic decision to <u>always</u> quote and provide 100% capacity dry coolers may often mean that our units are larger and provide greater thermal capacity than a competitor's units.

In order to level the playing field and help eliminate dry cooler products with commercialized ratings, we strongly encourage you to incorporate the suggested DRY COOLER THERMAL PERFORMANCE GUARANTEE language shown on the reverse side of this page into your dry cooler equipment specifications and/or contracts.

Sincerely, EVAPCO, INC.

William G. Barte

William G. Bartley President & Chief Executive Officer

DRY COOLER THERMAL PERFORMANCE GUARANTEE

THERMAL CAPACITY

Units shall be guaranteed by the manufacturer to cool a design flow rate of _____USGPM of water (____% glycol, if applicable) from _____°F entering fluid temperature to _____°F leaving fluid temperature at a _____°F entering dry bulb temperature. Coil pressure drop shall not exceed _____psi at the design flow rate.

THERMAL CAPACITY GUARANTEE

Units shall be guaranteed to provide the THERMAL CAPACITY when field tested in accordance with EXHIBIT 1, Field Thermal Test Procedure for Dry Coolers.

If the units are suspected to be deficient in thermal capacity, the owner/user has the right to request a field thermal performance test per EXHIBIT 1, Field Thermal Test Procedure for Dry Coolers, at their own expense. The test shall be conducted by an independent third party test agency per the EXHIBIT 1 test procedure within one year from date of shipment. The third party test agency shall be a CTI licensed thermal test agency (http://cti.org/licensedTestingAgencies.php). The manufacturer shall be given a minimum thirty (30) day notice prior to the test date and shall be allowed to both pre-inspect the unit and witness the test.

If the field thermal performance test results report the unit capacity to be less than 100% of the guaranteed THERMAL CAPACITY, the equipment manufacturer shall reimburse the owner for the cost of the field performance test. Additionally, the manufacturer shall absorb all costs to make corrective measures to increase unit capacity to 100% or greater without exceeding the specified total fan motor energy of the unit(s). Corrective measures must be completed by the equipment manufacturer within six (6) months of a test which finds the unit to be less than 100% of guaranteed capacity.

The equipment manufacturer shall then pay to have the modified/corrected units retested per EXHIBIT 1 to confirm that corrective actions have improved capacity to 100% or greater. If the retest results report the capacity to still be less than 100%, the manufacturer shall provide new units which provide the specified thermal capacity free of charge and absorb all costs for removing and replacing the thermally deficient units.

The manufacturer shall pay to have the new/replacement units field thermal performance tested per EXHIBIT 1 to confirm 100% capacity. If the test on the new/replacement units reports capacity to be less than 100%, the manufacturer shall repeat the process (at their own expense) of providing new units and field tests per Exhibit 1 until a field test result reports the installed units to be 100% or greater capacity without exceeding the specified total fan motor energy of the unit(s).

EXHIBIT 1

FIELD THERMAL PERFORMANCE TEST PROCEDURE FOR DRY COOLERS

The applicable field test procedure is CTI ATC-105S (11), Acceptance Test Code for Closed Circuit Cooling Towers, except as modified as follows to be appropriate for Dry Coolers.

- 1. The introduction section which occurs at the start of page 1 is hereby deleted since this section applies to evaporative coolers.
- 2. Section 2.3 is hereby deleted since this section does not apply to dry coolers.
- 3. RE: Section 3.1.1 the words "dry bulb" are hereby inserted in place of the words "wet bulb".
- 4. Section 3.1.3.e is hereby deleted since this section does not apply to dry coolers.
- 5. Section 3.2 is hereby deleted since this section does not apply to dry coolers.
- 6. RE: Section 3.3 air density shall be based on dry air, since this Exhibit 1 field test procedure applies to dry coolers.
- Section 3.4.1 is hereby added to read: 3.4.1 Testing Tolerance. A 3% testing tolerance is recognized by these test procedures. Therefore, equipment which is field tested to have 97% or greater THERMAL CAPACITY is deemed to have passed the field test as a 100% Thermal Capacity unit.





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

P.O. Box 1300 • Westminster, MD 21158 USA 410-756-2600 p • marketing@evapco.com • evapco.com

North America

EVAPCO, Inc. World Headquarters P.O. Box 1300 Westminster, MD 21158 USA 410-756-2600 p | 410-756-6450 f E-mail: marketing@evapco.com

EVAPCO East Taneytown, MD 21787 USA 410-756-2600 p | 410-756-6450 f E-mail: marketing@evapco.com

EVAPCO Midwest 1723 York Road Greenup, IL 62428 USA 217-923-3431 p | 217-923-3300 f E-mail: evapcomw@evapcomw.com

EVAPCO West 1900 West Almond Avenue Madera, CA 93637 USA 559-673-2207 p | 559-673-2378 f E-mail: contact@evapcowest.com

EVAPCO lowa 925 Quality Drive Lake View, IA 51450 USA 712-657-3223 p 712-657-3226 f

EVAPCO lowa Sales & Engineering 215 1st Street, NE P.O. Box 88 Medford, MN 55049 USA 507-446-8005 p | 507-446-8239 f E-mail: evapcomn@evapcomn.com

EVAPCO Newton 701 East Jourdan Street Newton, IL 62448 USA 618-783-3433 p | 618-783-3499 f E-mail: evapcomw@evapcomw.com

521 Evapco Drive Greenup, IL 62428 USA 217-923-3431 p E-mail: evapcomw@evapcomw.com

EVAPCO-BLCT Dry Cooling, Inc. 1011 US Highway 22 West Bridgewater, New Jersey 08807 USA 908-379-2665 p E-mail: info@evapco-blct.com

Refrigeration Valves & Systems Corporation

EVAPCOLD

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

EvapTech, Inc. A wholly owned subsidiary of EVAPCO, Inc. 8331 Nieman Road Lenexa, KS 66214 USA 913-322-5165 p 913-322-5166 f E-mail: marketing@evaptech.com

Tower Components, Inc. A wholly owned subsidiary of EVAPCO, Inc. 5960 US HWY 64E Ramseur, NC 27316 336-824-2102 p | 336-824-2190 f E-mail: mail@towercomponentsinc.com

South America

EVAPCO Brasil Equipamentos Industriais Ltda Equipamentos Industriais Ltda. Al. Vênus, 151 – CEP: 13347-659 Indaiatuba – Sau Paulo – Brasil (55) 11-5681 2000 p E-mail: vendas@evapco.com.br

Europe

EVAPCO Europe BVBA European Headquarters Heersteveldweg 19 Industrieterrein 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 I-20017 Passirana di Rho Milan, Italy (39) 02-939-9041 p | (39) 02-935-00840 f E-mail: evapcoeurope@evapco.it

EVAPCO Europe, S.r.l. Via Dosso 2 23020 Piateda Sondrio, Italy

EVAPCO Europe GmbH Insterburger Straffe 18 D-40670 Meerbusch, Germany (49) 2159-695618 p | (49) 2159-695611 f È-mail: info@evapco.de

EVAPCO Air Solutions Knøsgårdvej 115 DK-9440 Aabybro Denmark (45) 9824 4999 p | (45) 9824 4990 f E-mail: info@evapco.dk

EVAPCO Air Solutions GmbH Berenbosteler Str. 76 A 30823 Garbsen, German (49) 5137 93875-0 p | (49) 5137 93875-20 f info@evapcoas.de

Evap Egypt Engineering Industries Co. A licensed manufacturer of EVAPCO, Inc. 5 El Nasr Road S El Ivasr Road Nasr City, Cairo, Egypt 202 24022866 / 202 24044997 p 202 24044667 / 202 24044668 f E-mail: Primacool@link.net / Shady@primacool.net

EVAPCO S.A. (Pty.) Ltd. A licensed manufacturer of EVAPCO, Inc. 18 Quality Road Isando 1600 Republic of South Africa (27) 11-392-6630 p | (27) 11-392-6615 f E-mail: evapco@evapco.co.za

Asia/Pacific

EVAPCO Asia/Pacific Headquarters

1159 Luoning Rd. Baoshan Industrial Zone Shanghai 200949, P.R. China Phone: (86) 21-6687-7786 Fax: (86) 21-6687-7008 E-mail: marketing@evapcochina.com

EVAPCO (Shanghai) Refrigeration

Equipment Co., Ltd. 1159 Luoning Rd., Baoshan Industrial Zone Shanghai 200949, P.R. China (86) 21-6687-7786 p | (86) 21-6687-7008 f E-mail: marketing@evapcochina.com

Beijing EVAPCO Refrigeration Equipment Co., Ltd. No. 13 Yanxi Avenue, Yanqi Development Zone Huai Rou County Beijing, P.R. China Postal Code: 101407 (86) 10 6166-7238 p | (86) 10 6166-7395 E-mail: evapcobj@evapcochina.com

EVAPCO Australia (Pty.) Ltd. 34-42 Melbourne Road

P.O. Box 436 Riverstone, N.S.W. 2765, Australia (61) 2 9627-3322 p | (61) 2 9627-1715 f E-mail: sales@evapco.com.au

EVAPCO Composites Sdn. Bhd No. 70 (Lot 1289) Jalan Industri 2/3

Rawang Integrated Industrial Park 48000 Rawang, Selangor, Malaysia 60 3 6092-2209 p | 60 3 6092-2210

EvapTech Asia Pacific Sdn. Bhd A wholly owned subsidiary of EvapTech, Inc. B-6-1, IOI Boulevard Jalan Kenari 5, Bandar Puchong Jaya 47170 Puchong, Selangor, Malaysia (60-3) 8070-7255 ρ | (60-3) 8070-5731 f mail: marketing-ap@evaptech.com



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