



THERMAL CAPACITY SPECIFICATION ADIABATIC PAD CONDENSERS

Dear Evapco Customers,

Evapco has recently added adiabatic coolers and condensers to our global product lines. We are excited and proud to provide Evapco adiabatic products from various Evapco factories around the world.

Our wide global exposure to adiabatic product opportunities has revealed an interesting situation – many orders for adiabatic products are being won by manipulation of design conditions. Oftentimes, the adiabatic equipment supplier with the most “creativity” regarding design conditions receives the purchase order. Simply stated, in many instances the winning adiabatic supplier has been chosen without the purchaser’s knowledge that his decision about which supplier to choose was not the result of an “apples to apples” comparison about the most fundamental element – the design conditions.

In order to help support you in making adiabatic product purchase decisions on an equal capacity comparison basis, we encourage you to incorporate the suggested DESIGN CONDITIONS & THERMAL CAPACITY SPECIFICATION language shown on the reverse side of this page into your adiabatic product specifications and/or contracts.

Sincerely,
EVAPCO, INC.

William G. Bartley
President & Chief Executive Officer

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I. Project Design Conditions

The design criteria for each adiabatic condenser is as follows:

Design Heat Rejection: $_{(a)}$ MBH/ Refrigerant _____

Design Saturated Condensing Temperature: $_{(b)}$ °F

Design Dry Bulb Temperature: $_{(c)}$ °F

Design Wet Bulb Temperature: $_{(d)}$ °F

II. Thermal Capacity Adiabatic Operating Mode

Unit(s) shall be guaranteed by the manufacturer to provide 100% thermal capacity when operating in full adiabatic condensing mode and shall have $_{(a)}$ MBH heat rejection capability operating at $_{(b)}$ °F saturated condensing temperature $_{(c)}$ °F entering dry bulb temperature and $_{(e)}$ °F entering wet bulb temperature conditions with _____ Refrigerant.

III. Thermal Capacity Non-Adiabatic Operating Mode

Unit(s) shall be guaranteed by the manufacturer to provide 100% thermal capacity when operating in dry mode only, with the adiabatic pads installed and shall have $_{(a)}$ MBH heat rejection capability operating at $_{(b)}$ °F saturated condensing temperature and $_{(c)}$ °F dry bulb temperature entering the adiabatic pads with _____ Refrigerant.

