



CLOSED LOOP EVAPORATIVE COOLERS

Air Solutions Group
Davidson, NC 28036

Ref: 11413.01
Date: 19 March 2001
Cancels: 19 September 1994

I-R EVAPORATIVE COOLERS REQUIRED DATA - COOLER SIZING

In order to select an I-R Closed Evaporative Cooler it is necessary to know the amount of water to be cooled in gallons per minute (GPM). The desired water temperatures to and from the load, the design wet bulb for the location of the installation site, and the percentage of glycol to be used in the system.

The following information must be provided in order for a proper selection:

HEAT LOAD (Btu/Hr)
HEAT RISE (°F)
SYSTEM FLOW (GPM)
TEMP. TO LOAD (°F)
WET BULB TEMP. (°F)

ELEVATION ABOVE 1000
FEET

For a faster response for a cooler selection please fill out the appropriate quotation forms and fax to technical support @ 352-671-8172.

For I-R Closed Evaporative Coolers use page 11413.02 and if Centac application use page 11413.03.