CLOSED LOOP
EVAPORATIVE COOLERS

Ref: **11413.02**
Date: **19 March 2001**
Cancels: **19 September 1994**

Air Solutions Group
Davidson, NC 28036

I-R CLOSED EVAPORATIVE COOLERS

Customer Name _____

Distributor/Air Center/Area Manager_____ Location_____

Location of Installation _____ Elevation if above 1000 Ft._____

Compressor Type Recip_____ Rotary_____ Other_____(Specify) Centac (See page 11413.03)

NOTE: Mark all types of compressors that will be cooled by the required Ingersoll-Rand Fluid Cooler. Do not use this form for Centac Compressors. Use the form on page 11413.03.

A) Heat Load Compressor 1. _____ BTU/Hour ➡ Temperature Rise _____°F ➡ Max Allowable Temp _____°F GPM_____

B) Heat Load Compressor 2. _____ BTU/Hour ➡ Temperature Rise _____°F ➡ Max Allowable Temp _____°F GPM_____

C) Heat Load Compressor 3. _____ BTU/Hour ➡ Temperature Rise _____°F ➡ Max Allowable Temp _____°F GPM_____

D) Heat Load Misc. _____ BTU/Hour ➡ Temperature Rise _____°F ➡ Max Allowable Temp _____°F GPM_____

E) Heat Load Misc. _____ BTU/Hour ➡ Temperature Rise _____°F ➡ Max Allowable Temp _____°F GPM_____

NOTE: 1) Miscellaneous heat loads can be aftercoolers, dryers, etc.
2) The temperature rise is the difference of the water inlet vs. outlet temperature through the heat load.

Maximum / Minimum Ambient Air Temperature_____°F / _____°F Wet Bulb Temperature_____°F

NOTE: Maximum allowable water temperature must be at least 5°F above wet bulb.

Solution Concentration (Minimum Ambient)
(Check One)

40% (-13°F) (40% glycol is standard)
30% (+3°F)
20% (+14°F)
10% (+25°F) (Minimum of 10% is required)

Options:

Single Pump
Dual Pump
Electric Pan Heater
Electric Water Level Control
Process Precooler (Forced Draft Only)
Two-Speed Fan

Electrics Available _____Volts _____Phase _____Hertz

NOTE: This sheet is to be completed for all Ace Fluid Cooler proposals and the date shown on order pages.