



# CLOSED LOOP DRY FLUID COOLERS

Air Solutions Group  
Davidson, NC 28036

Ref: 11433.05  
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Cancels: February 1997

## I-R DRY FLUID COOLERS DATA SHEET

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 11433.06)

**NOTE:** Mark all types of compressors that will be cooled by the required I-R Fluid Cooler.  
Do not use this form for Centac Compressors. Use the form on page 11433.06.

A) Heat Load Compressor 1. \_\_\_\_\_ BTU/Hour → Temperature Rise \_\_\_\_\_°F → Max Allowable Temp \_\_\_\_\_°F

B) Heat Load Compressor 2. \_\_\_\_\_ BTU/Hour → Temperature Rise \_\_\_\_\_°F → Max Allowable Temp \_\_\_\_\_°F

C) Heat Load Compressor 3. \_\_\_\_\_ BTU/Hour → Temperature Rise \_\_\_\_\_°F → Max Allowable Temp \_\_\_\_\_°F

D) Heat Load Misc. \_\_\_\_\_ BTU/Hour → Temperature Rise \_\_\_\_\_°F → Max Allowable Temp \_\_\_\_\_°F

E) Heat Load Misc. \_\_\_\_\_ BTU/Hour → Temperature Rise \_\_\_\_\_°F → Max Allowable Temp \_\_\_\_\_°F

**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 Ambient Air Temperature \_\_\_\_\_°F

**NOTE:** If maximum ambient air temperature is greater than (maximum allowable temperature to heat loads minus 5°F) a trim cooler is required.

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 Module

Dual Pump Module

Trim Cooler - Trim Cooler water temperature \_\_\_\_\_°F

Electrics Available \_\_\_\_\_ Volts \_\_\_\_\_ Phase \_\_\_\_\_ Hertz

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