



# CLOSED LOOP DRY FLUID COOLERS

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## I-R CLOSED LOOP - DRY FLUID COOLERS

### OPTIONAL EQUIPMENT

#### I-R DRY COOLER OPTIONS:

**REMOTE START-STOP PENDANT** - Allows for operation of the cooling system from a remote location other than at the coil module.

**PUMP INLET STRAINER** - Keeps particles from entering the pump, prolonging pump life.

**3-WAY TEMPERATURE VALVE** - Maintains a more consistent coolant temperature to the compressor even in low ambient conditions.

**INLET/OUTLET PRESSURE GAUGES** - Provides system pressure readings for determining system operation.

**AUTO SHUT DOWN** - A set of contacts are provided to initiate a shut down timer when compressor is stopped. The cooling system will run until the timer times out. (Typically 30 minutes)

**INLET/OUTLET TEMPERATURE GAUGES** - Provides temperature readings to assist in determining system operation.

**TRIM COOLER** - The installation of a water to coolant heat exchanger between the cooler discharge and compressor inlet allows:

1. Selection of a smaller cooling system, thus lowering the initial cost and operating cost.

2. Design the cooling system for a normal ambient rather than the highest recorded maximum.

**NOTE:** Trim cooling is usually cost effective when initiated at approximately 15-20°F below maximum ambient air temperature to the cooler, i.e., system requires operation at 95°F, trim cooler starts at 85°F and I-R FLUID COOLER is now sized to operate without trim water to an ambient temperature of 85°F.

**SPECIAL VOLTAGES** - Consult factory.