



Thermal Transfer Products  
 5215 21<sup>st</sup> Street, Racine, WI. 53406  
 Phone: (262) 554-8330  
 Fax: (262) 554-8536  
 Engineer Fax: (262) 554-9384  
 www.thermaltransfer.com  
 Email: ttpeng@thermasys.com

**PERFORMANCE REQUIREMENTS  
 COMPRESSED AIR AFTERCOOLER**  
*(Motor Fan Driven Type and Shell and Tube)*

Contact Name: \_\_\_\_\_ Telephone: \_\_\_\_\_ Date: \_\_\_\_\_  
 Company Name: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Address: \_\_\_\_\_ Email: \_\_\_\_\_

**Type of Compressor:** \_\_\_\_\_

Horsepower: \_\_\_\_\_ SCFM: \_\_\_\_\_  
 Gas Type: \_\_\_\_\_  
 Compressor Discharge Temperature: \_\_\_\_\_ °F

- Compressor Types: \_\_\_\_\_  
*and Average Discharge Temperatures*
- Rotary Screw: 150°F to 200°F
  - Two Stage: 250°F
  - Single Stage: 300°F

Desired Discharge Temp: \_\_\_\_\_ °F  
 Or Desired Approach Temp: \_\_\_\_\_ °F  
 Operating Pressure: \_\_\_\_\_ PSI  
 Maximum Allowable Pressure Drop: \_\_\_\_\_ PSI

**Choose Air Cooled or Water Cooled**

**Air-Cooled**

Ambient Air Temperature: \_\_\_\_\_ °F  
 Fan Drive:             AC Electric             Air Motor  
 Motor specs: \_\_\_\_\_ (voltage/frequency, phase, etc)

**Water-cooled**

Entering Water Temperature: \_\_\_\_\_ °F  
 Flow Rate: \_\_\_\_\_ GPM  
 Maximum Allowable Pressure Drop: \_\_\_\_\_ PSI or Bar  
 Operating Pressure: \_\_\_\_\_ PSI or Bar

**General Information:**

Special Material Requirements: \_\_\_\_\_  
 \_\_\_\_\_  
 Other Requirements: \_\_\_\_\_  
 \_\_\_\_\_

