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# HONEYWELL THERMAL SOLUTIONS

## Exothermics Heat Exchanger Worksheet

Please work with your Honeywell Sales Engineer to document system requirements and details as requested below so that we may have enough information to provide a quote.

Customer \_\_\_\_\_ Telephone \_\_\_\_\_ Fax \_\_\_\_\_

Date \_\_\_\_\_ Email \_\_\_\_\_

Project Name \_\_\_\_\_ Application Description \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ \_\_\_\_\_

Province \_\_\_\_\_ Country \_\_\_\_\_

Contact \_\_\_\_\_ Business/Industry Description \_\_\_\_\_

### Design Conditions:

Exhaust / Hot Gas Flow \_\_\_\_\_

Exhaust / Hot Gas Temperature \_\_\_\_\_ °C

Hot Side Moisture Content \_\_\_\_\_

Air Side Moisture Content \_\_\_\_\_

Supply / Air Side Flow \_\_\_\_\_

Supply / Air Side Temperature \_\_\_\_\_ °C

Other Information \_\_\_\_\_

### Corrosive Materials

What \_\_\_\_\_

Concentration \_\_\_\_\_

### Particulate

What Type \_\_\_\_\_

How Much \_\_\_\_\_

### Application Objectives:

Cool Exhaust / Hot Gas to \_\_\_\_\_

Preheat Supply / Air to \_\_\_\_\_

Provide Heat Exchanger with Nominal Effectiveness of \_\_\_\_\_

Other Objectives \_\_\_\_\_

**Customer Design Requirements:**

Material of Construction

- Aluminum
- 304SS
- 316SS
- 309SS
- 409SS (SP only)
- Most cost effective
- Other \_\_\_\_\_

Type of Exchanger

- Tubular
- Plate Type

Pressure Drop Constraints

Hot Side \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Air Side \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Operational Information:**

Process Operates

- hrs/day
- hrs/year
- shifts/day

Cost of Energy \_\_\_\_\_

Type of Fuel \_\_\_\_\_

**For More Information**

The Honeywell Thermal Solutions family of products includes Honeywell Combustion Safety, Honeywell Combustion Service, Eclipse, Exothermics, Hauck, Kromschröder and Maxon. To learn more about our products, visit [ThermalSolutions.honeywell.com](http://ThermalSolutions.honeywell.com) or contact your Honeywell Sales Engineer.

**Honeywell Process Solutions**

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