



Heat Exchanger Specification

DATE: ___/___/___ SALESPERSON: _____
CUSTOMER: _____ CUSTOMER NO.: _____
TECHNICAL CONTACT: _____ PHONE: _____ FAX: _____
EMAIL: _____
DESCRIPTION OF APPLICATION: _____

If technical advice is offered or provided in connection with the sale of any Goods, it is provided as an accommodation to Buyer, without charge, and Company does not warrant and has no responsibility or liability whatsoever for the content or use of such advice. The selection, application, suitability for corrosion resistance, or use of the Goods for any purpose is Buyer's sole responsibility.

(PLEASE NOTE ALL ITEMS IN **BOLD ITALIC** PRINT MUST BE COMPLETED TO PROVIDE A QUOTATION)

APPLICATION: HEATING COOLING

TANK OR STATION #: _____

PROCESS CHEMISTRY*: _____ @ _____ %

- SPECIFIC GRAVITY: _____
- SPECIFIC HEAT: _____
- FLASH POINT: _____

HEATING/COOLING MEDIUM: _____

- **STEAM AT:** _____ PSI
- **WATER:** _____ °F/°C @ _____ PSI
- **OTHER*:** _____ @ _____ %
 - SPECIFIC GRAVITY: _____
 - SPECIFIC HEAT: _____

* PROVIDE MSDS

AMBIENT TEMPERATURE: _____ °F/°C

PROCESS TEMPERATURE: _____ °F/°C

HEAT-UP/COOLING TIME REQUIRED: _____

FROM: _____ °F/°C to _____ °F/°C

(or) **HOLD TEMPERATURE @:** _____ °F/°C

RECTIFIER SETTINGS: _____ VOLTS _____ AMPS

LOAD: _____ lbs./kg per hour @ _____ °F/°C

SOLUTION MAKE-UP: _____ GPM/LPM @ _____ °F/°C

SPRAY FLOW RATE: _____ GPM/LPM @ _____ °F/°C

EXHAUST VENTILATION VELOCITY: _____ FPM

SOLUTION AGITATION: _____ AIR _____ MECHANICAL

TANK MATERIAL: _____ COVERED: YES/NO

SIDEWALL INSULATION: _____ in/cm

TANK DIMENSIONS (in/cm):

LENGTH: _____ **WIDTH:** _____ **DEPTH:** _____

(or) **CYLINDRICAL TANK DIMENSIONS:**

DIAMETER: _____ **DEPTH:** _____

SOLUTION DEPTH: _____ in/cm

TOTAL VOLUME: _____ gallons/liters

AVAILABLE SPACE FOR HEAT EXCHANGER (in/cm):

WIDE: _____ DEEP: _____ BOTTOM: _____

HEAT EXCHANGER CONFIGURATION:

- HORIZONTAL GRID U COIL
- VERTICAL GRID HELICAL
- SERPENTINE BOTTOM COIL

SHEATH MATERIAL:

- 316 STAINLESS FLUOROPOLYMER
- TITANIUM OTHER: _____

TEMPERATURE CONTROL:

- DIGITAL (DE/DQ/DSL/DLC)
- NON-INDICATING (NR)

LEVEL CONTROL:

- CAPACITIVE (ESP) CONDUCTIVE (LC)

SOLENOID VALVE: _____ YES _____ NO

STRAINER: _____ YES _____ NO

COMMENTS: _____

Heat Exchanger Specification (Inline)

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* PROVIDE MSDS

PROCESS OUTLET TEMPERATURE: _____ °F/°C

PROCESS FLOW RATE: _____ GPM/LPM

PROCESS HEATING: STEAM PRESSURE _____

HEAT/COOL INLET TEMPERATURE: _____ °F/°C

HEAT/COOL OUTLET TEMPERATURE: _____ °F/°C

HEAT/COOL FLOW RATE: _____ GPM/LPM

HEAT EXCHANGER STYLE:

- THERMAX² 316 L SPIRAL PLATE
- FLUOROPOLYMER INLINE
 - SHELL MATERIAL:
 - POLYPROPYLENE
 - PVDF

RECIRCULATING SYSTEMS

STARTING TEMPERATURE: _____

PROCESS TEMPERATURE: _____

HEAT-UP TIME REQUIRED: _____ HOURS _____ MINUTES

TANK DIMENSIONS:

LENGTH: _____ **WIDTH:** _____ **DEPTH:** _____

(or) **CYLINDRICAL TANK DIMENSIONS:**

DIAMETER: _____ **DEPTH:** _____

TOTAL SOLUTION VOLUME: _____

MAKE-UP SOLUTION: _____ GPM/LPM @ _____ °F/°C

RECIRCULATION PUMP: _____ GPM/LPM @ _____ °F/°C

Factory use only

QTY: _____ **MODEL NO.** _____

EXCHANGE AREA: _____

FLOW RATE A: _____

PRESSURE DROP A: _____

FLOW RATE B: _____

PRESSURE DROP B: _____

PLUMBING ARRANGEMENT: _____

