

# Electric Heater Specification

DATE: \_\_\_/\_\_\_/\_\_\_ SALESPERSON: \_\_\_\_\_  
CUSTOMER: \_\_\_\_\_ CUSTOMER NO.: \_\_\_\_\_  
TECHNICAL CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_  
EMAIL: \_\_\_\_\_  
DESCRIPTION OF APPLICATION: \_\_\_\_\_

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

**TANK OR STATION #:** \_\_\_\_\_

**CHEMISTRY\*:** \_\_\_\_\_ @ \_\_\_\_\_ %

- SPECIFIC GRAVITY: \_\_\_\_\_
- SPECIFIC HEAT: \_\_\_\_\_
- FLASH POINT: \_\_\_\_\_

AMBIENT TEMPERATURE: \_\_\_\_\_ °F/°C

**PROCESS TEMPERATURE:** \_\_\_\_\_ °F/°C

**HEAT-UP TIME REQUIRED:** \_\_\_\_\_ HOURS \_\_\_\_\_ MINUTES

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

**VOLTAGE:** \_\_\_\_\_

**PHASE:**  SINGLE  THREE

AVAILABLE SPACE FOR HEATER (in/cm):  
WIDE: \_\_\_\_\_ DEEP: \_\_\_\_\_ BOTTOM: \_\_\_\_\_

HEATER CONFIGURATION:

- OVER-THE SIDE  FLANGED
- BOTTOM/L-SHAPED  OTHER: \_\_\_\_\_
- SCREWPLUG

SHEATH MATERIAL:

- PLAIN STEEL  TITANIUM
- 304 STAINLESS  FLUOROPOLYMER
- 316 STAINLESS  OTHER: \_\_\_\_\_

THERMAL PROTECTION:

- SINGLE USE (PI)
- RESETTABLE (PII OR PIII)

GUARD: \_\_\_\_\_ YES \_\_\_\_\_ NO

TEMPERATURE CONTROL:

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

LEVEL CONTROL:

- CAPACITIVE (ESP)  CONDUCTIVE (LC)

COMMENTS: \_\_\_\_\_