

## Electric Heater Sizing

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

**Please return to your rep  
 or  
[sales@jps technologies.com](mailto:sales@jps technologies.com)**

**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)  
**LEVEL CONTROL:**  
 CAPACITIVE (ESP)  CONDUCTIVE (LC)  
 COMMENTS: \_\_\_\_\_