



- ANNEALING
- BRAZING
- SOLDERING
- INSERT HEATING



- CATHETER TIPPING
- INSERT STAKING
- WELDING PREHEAT
- SHRINK FITTING

HEAT STATION 2500 R2

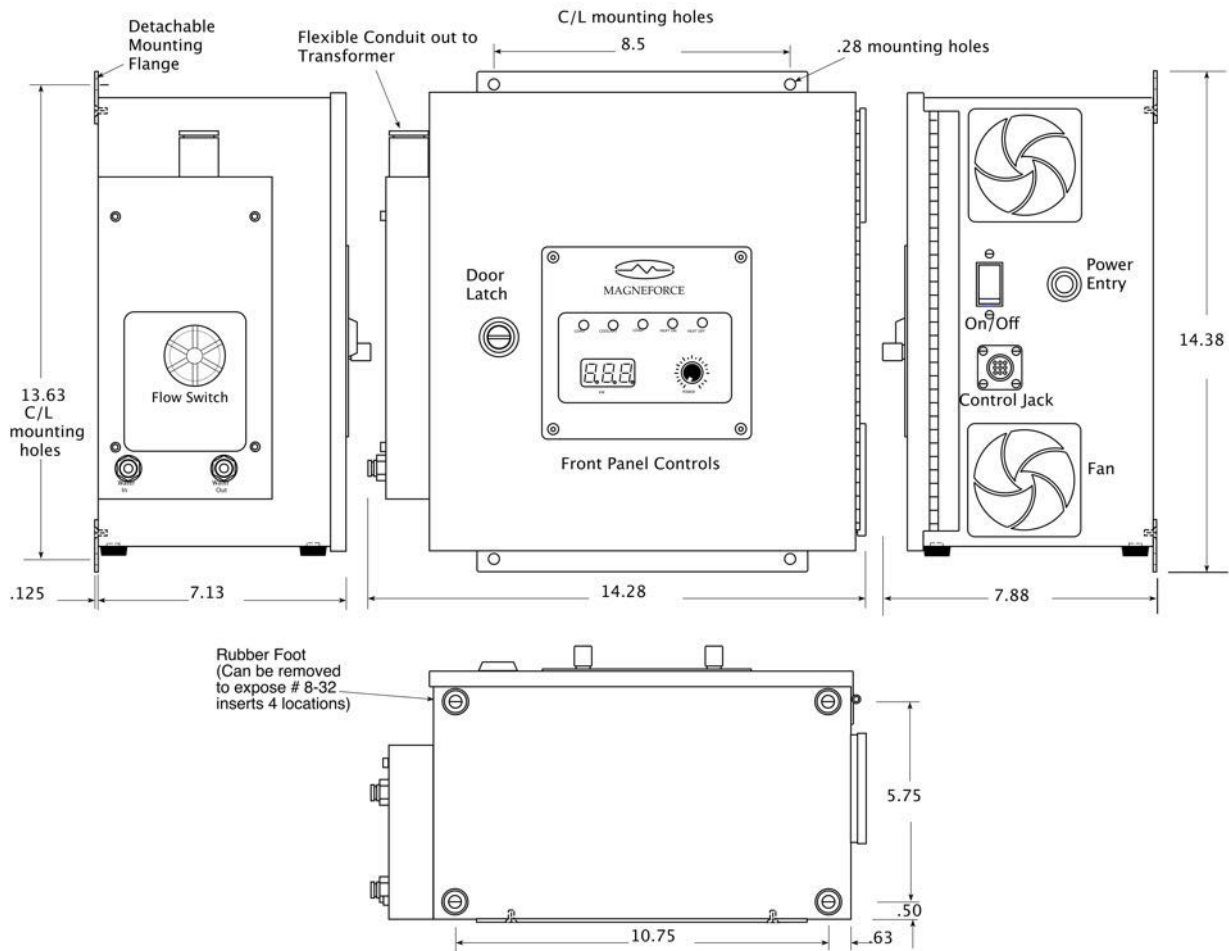
2.5 kW induction heating power supply with remote output transformer/coil on six foot flexible cable. Fast and precise heating for a wide variety of applications. Flameless, noncontact heating utilizing a focused high frequency electromagnetic field.

FEATURES

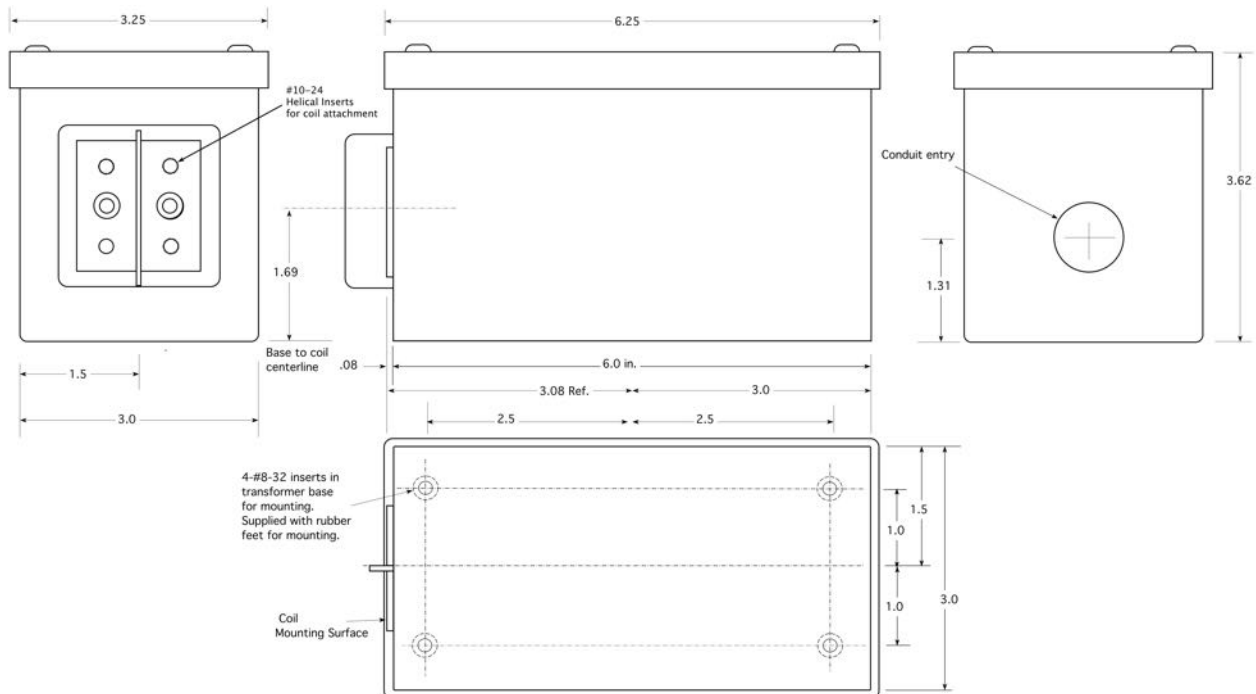
- 2500 watt water cooled medium frequency 20-40Khz induction power supply.
- Compact remote output transformer easily adapts to all types of processing fixtures.
- 7, 10 or 14 turn output transformers accept a variety of heating coil sizes and types.
- Standard 6' long flexible output cable.
- Standard control panel with power control knob, LED KW display and indicator lights.
- Heat ON/OFF, low flow/over temperature, fuse fault, and poor load indicators.
- Bench top or wall mount with removable flanges.
- Operates in resonance, no need to "ring up" to power.
- On/Off fast trip circuit breaker
- Integral coolant flow transducer to protect against overheating and visible flow indicator.
- Power tracking circuitry delivers constant power to load even with plant voltage fluctuation.
- Electrically isolated output transformer
- Output power verification circuit provides power feedback signal to monitor heating cycle to cycle.
- Control input jack accepts PLC control cable and all control types.
- Repeatability to $\pm 0.5\%$
- Front panel
- One year warranty on parts and labor.

SPECIFICATIONS

- Weight: 28 lbs.
- Output Power: 2500 watts
- Incoming power: 208-240 V, 60 Hz ,1phase ,13 amps
- 14.38 in High x 14.28 in Wide x 7.88 in. Deep
- Water Cooling Requirement of .5 gpm. with recommended pressure differential of 40 psi and 100 psi maximum pressure.
- Maximum inlet water temperature of 100 ° F.



Power supply can be used on a bench top with attached feet or can be wall or machine mounted. Swing open front door allows easy access to power supply components.



Included with power supply. Transformers feature plated terminals with O ring seal water ports and helicoil inserts for mounting of water cooled heating coils.