Service Manual

RADICA Unit



Model Number	Voltage	Frequency
908041 / 9495160	100-120V	50-60Hz
908040 / 9495161	200-240V	50-60Hz

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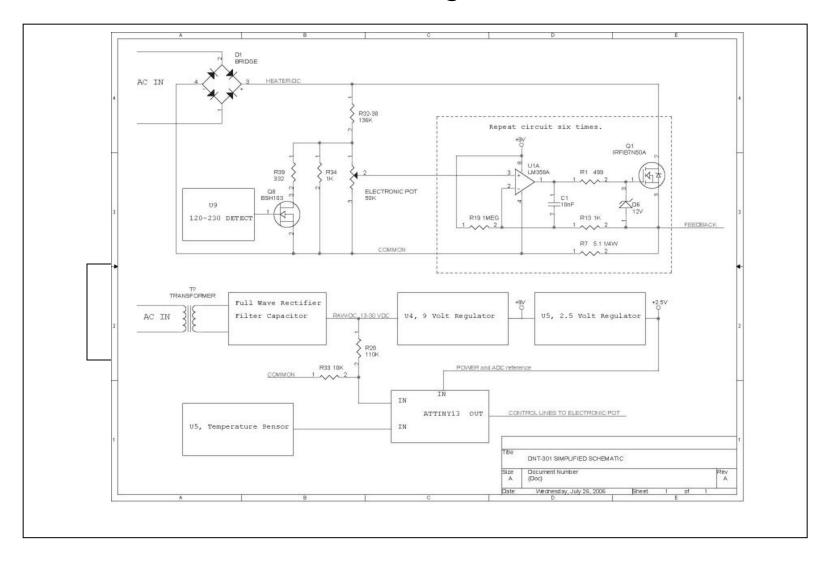
MANUAL

Safety

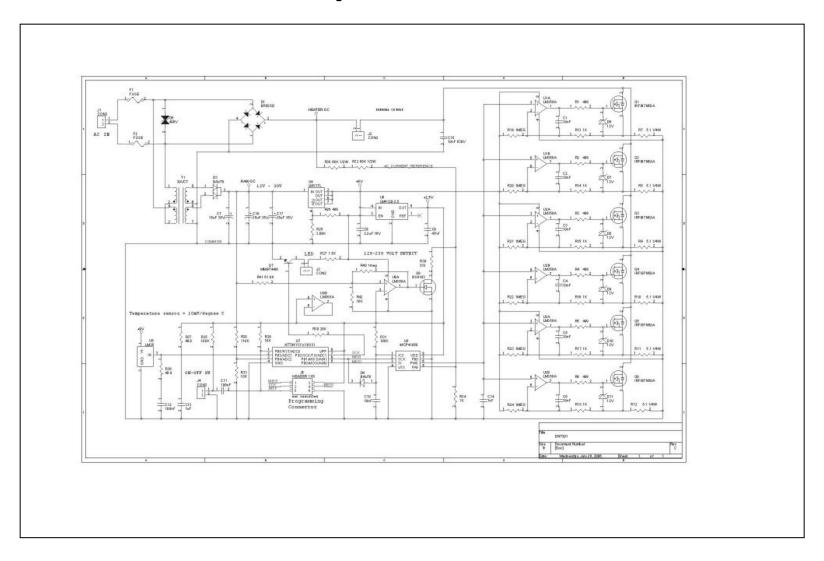
- •Use indoors only.
- •Never operate the unit in close proximity to combustible materials or place materials on top of the unit.
- •The unit must be electrically grounded to a three wire electrical outlet or receptacle. The electrical service provided must be a dedicated line of the proper size according to local electrical codes.
- •Unit must be placed in a position that allows the power cord to be easily disconnected from the wall or inlet socket.
- •Do not attempt to service the unit until you have read and understand the operations/service manual.
- •Turn off the power switch and disconnect the line cord before attempting to service the unit..
- •Do not cover the top of the unit.

CAUTION: RISK OF DANGER! BURN HAZARD IS PRESENT WHEN DOOR IS OPENED. USE CAUTION AFTER OPENING DOOR. **METAL SURFACES MAY BE HOT!**

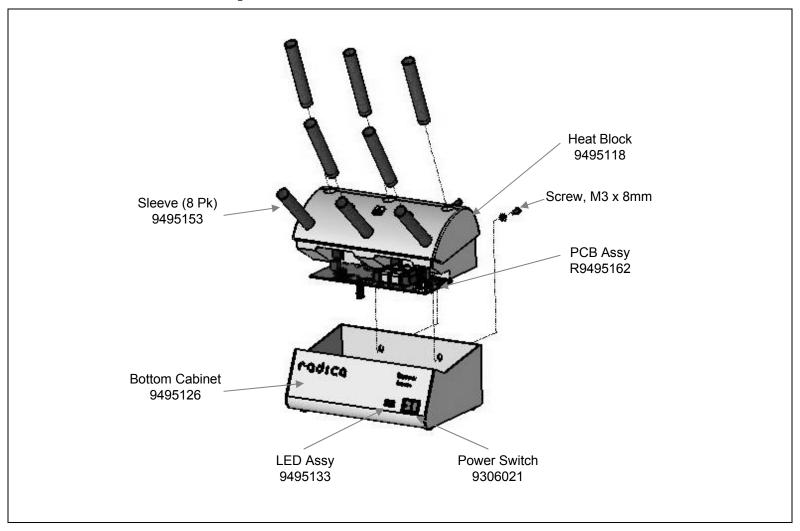
Block Diagram



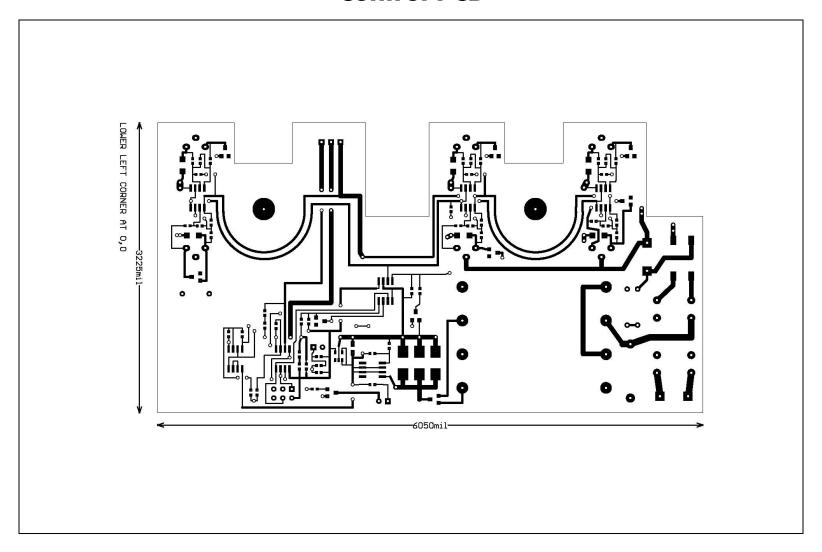
Complete Schematic



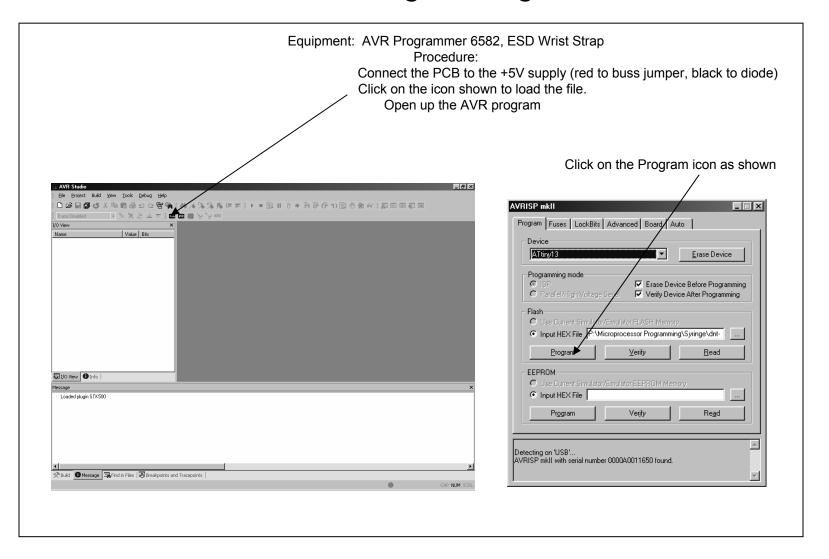
Exploded View & Service Parts



Control PCB



Flash Programming



Wiring Hookup

Control PCB:

- * Black/White AC Power-Cable wire from Control PCB to CN1 on Power Board.
- * Red/Black DC Power-Cable wire from Control PCB to CN2 on Power Board.

GROUND: (Separate each wire with a nut)

- * Power cord ground on bottom tight and by itself.
- * One ground wire to base stud and secure with nut, plug opposite LINE side of EMI filter.

Product Service

Three methods of product service are available:

Telephone assistance available at the number listed below, Return the unit for servicing using the instructions below,

BEFORE RETURNING THE UNIT:

Call DENTSPLY for an RMA (Return Material Authorization) number. This is used to track and identify your unit. Equipment received without this number may not be identifiable.

Equipment damaged in shipment as a result of improper packing may not be paid by the carrier.

DENTSPLY will not be responsible for damages resulting from improper packing.

Ship prepaid to:

DENTSPLY Ceramco

DENTSPLY International

RMA Number

13553 Calimesa Blvd.

Yucaipa, CA 92399-1203 USA

Phone: 909.795.2461 Fax: 909.795.5268

equipmentrepair.ca@dentsply.com