

DARRAH

Reconditioned Rectifiers

- ◆ Available from stock or have your rectifier updated to “state of the art electronics” with new circuit boards, protection and safety circuits.
- ◆ Savings: typically under 50% the cost of new rectifiers. Darrah’s reconditioned rectifiers are often upgraded to be more dependable than they were when they were new.
- ◆ Darrah offers all types of control in air and water cooled models.

Darrah’s rebuilding includes

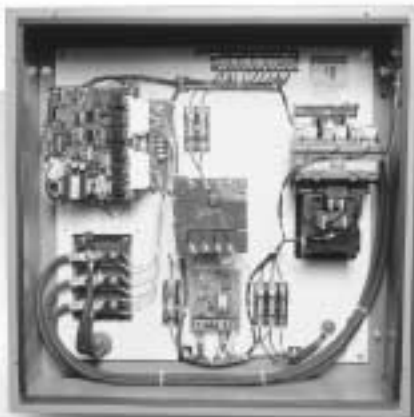
Power transformers are electrically tested, cleaned and varnish insulated.

SCR firing and regulator circuit boards are digitally controlled with operational pilot lights and high quality quick disconnects.

All control wiring is replaced with new. Up to date safety and protection circuits are added for dependability.

Enclosures, bus bars and heat sinks are inspected, repaired and sandblasted.

Cabinets are re-painted with a corrosive resistant chemical primer and top coated with a polane paint, color of your choice.



Reliability

Circuit boards, protection and safety circuits are centrally located in attached control enclosure. Sensitive printed circuit boards, relays and overload protection devices are removed from the air stream.

Control circuits are fused and stepped down to 115 volts for safety.

**Many sizes are in stock –
Available immediately**

Darrah offers valuable discounts for
“trade-in’s” against new or rebuild rectifiers

**Call 800-621-0014
for additional information or a quotation**



Water Cooled Rectifier Rebuilding includes

Darrah etch cleans and pressure tests all cooling lines, through the heat sinks and power transformer.

Pumps, reservoirs and manifolds are tested, treated and replaced when necessary.

All water hoses and fittings are replaced with new.

Upgrade your Rectifier

Convert your tap switch or manually controlled rectifier to solid state SCR control with constant current and constant voltage control.

Reduce DC output ripple, add choke and capacitor filtering.

Upgrade your rectifier to accept PLC or computer controls.

Add adjustable ramp control, cycle timers, ampere time meters or DC polarity reversing.



Loaner Rectifiers are available to use while we recondition your unit.

Dependable DC Power

Each Darrah reconditioned rectifier is fully loaded and functionally tested at nameplate rating prior to shipping.

Wiring diagrams and an accurate list of components and instructions are included with each unit.



Rectifier Replacement Parts

Darrah stocks over \$2 million of DC power supply components. We are a stocking distributor for major worldwide manufacturers of silicon diodes, SCR's (thyristors), heat sinks, transformers, fuses and printed circuit boards. All sizes and ratings are in stock at low prices.

Darrah also offers a large variety of rectifier and SCR assemblies in air and water cooled designs. We offer a complete line of modules.

Our in-house transformer winding department offers new replacements as well as rewinding or remanufactured transformers.

We carry an extensive inventory of DC meters, tap switches, contactors, thermostats, push buttons and polypropylene fan blades.

For water cooled models, we carry replacement hoses, fittings, pumps, thermostats and rectifier coolant. [REQUEST BULLETIN 7310](#)



Discover, Visa, MasterCard and American Express Accepted

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