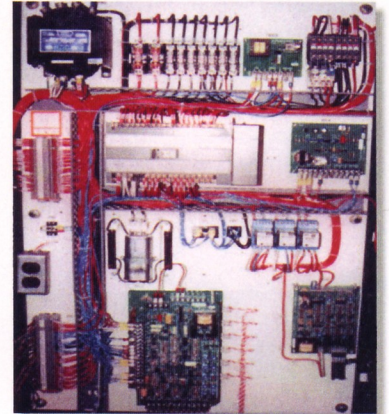
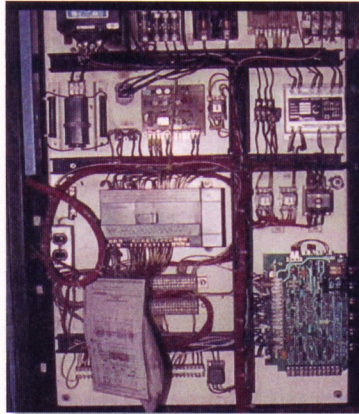


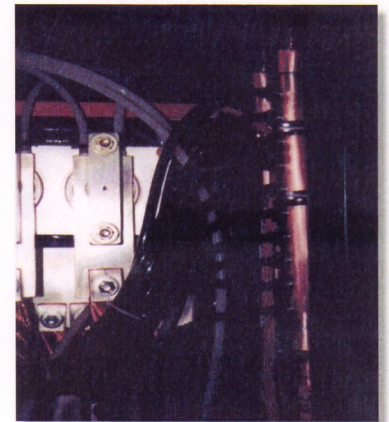
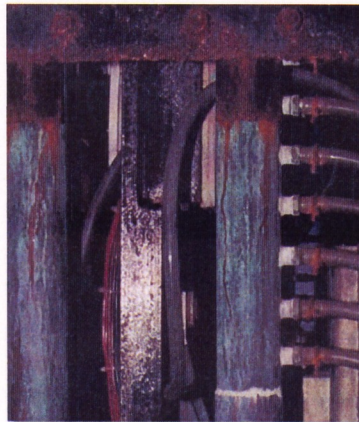
BEFORE

AFTER

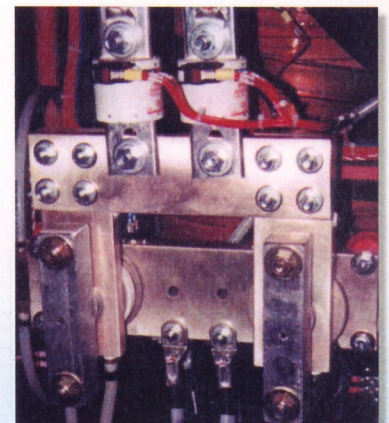
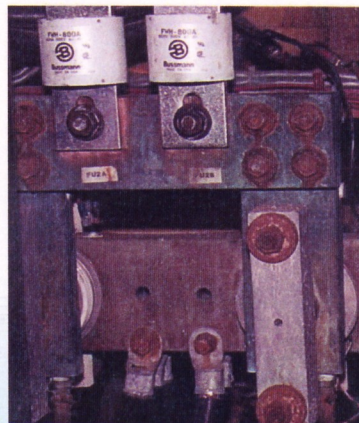
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✱ TB1
✱ TB2
✱ TB3





Remanufactured Dynamapower Rectifiers

Dynapower's remanufactured rectifier program offers an opportunity to

EXTEND THE LIFE OF YOUR RECTIFIERS

at a fraction of the cost of new equipment. Units carry

FACTORY-BACKED WARRANTIES

that equal or exceed most of our competitors' new unit warranties. The result is a unit whose performance can be relied upon at

PRICES THAT MEET YOUR BUDGET.

Remanufactured rectifiers should not be confused with used or refurbished equipment offered by our competitors. Units remanufactured at our facility in South Burlington, Vermont leave the factory with more than a coat of fresh paint and polished bus bars. Our remanufactured rectifiers go through a variety of steps to restore them to "like-new" condition. This results in improved performance, productivity and reliability of the rectifiers as a key element in your process.

Initial Evaluation

Rectifiers are mechanically and electrically evaluated to assess their condition and prepare a plan to remanufacture the equipment. This evaluation includes semiconductor assemblies, the main transformer, circuit boards, interlocks and protective systems.

Enclosure

After the initial evaluation, the unit is disassembled and all surfaces are primed and repainted. Contact Dynapower Corporation for cleaning instructions prior to returning the unit.

Electronics

Circuit boards are evaluated and repaired or replaced as needed. Obsolete circuit boards are replaced with the most current versions.

Transformer

The transformer is tested upon receipt at Dynapower Corporation to ensure electrical operation. If the transformer does not pass this initial test a Sales Engineer will contact the customer to discuss available options.

Cooling System

In air-cooled units, fans & filters are examined, tested, and replaced when necessary to ensure reliable, effective cooling of the rectifier. In liquid-cooled units, manifolds, nylon tubing and associated fittings are replaced & coolant passages are checked.

Diode and Thyristor Assemblies

Thyristors and diodes are evaluated and replaced when necessary. Heat sink assemblies are completely cleaned, replated, and reassembled.

Controls

Dynapower Corporation is also offering to refit units being remanufactured with our new NEMA 4X Touch Pad at a reduced price. Contact a Sales Engineer at Dynapower Corporation for details.

Final Testing

After reassembly, the remanufactured unit is completely tested at full load to ensure long term reliable operation.

Quantity Discounts

Contact a Sales Engineer to establish a complete remanufacturing program for multiple units at a discounted price.

Loaner Units

Dynapower's wide variety of power supplies can be loaned to customers while their units are remanufactured. A wide selection of these stock power supplies is currently available and can be shipped to your facility within days.



CHECKLIST - Remanufactured Dynapower Rectifiers

Customer: _____

SO# Reman: _____

Customer #: _____

SO# Original: _____

Required Ship Date: _____ Sales Engineer: _____ Design Engineer: _____

A. TRANSFORMER NEW CLEAN REPAIR

- | | | | |
|--------------------------------|--------------------------|--------------------------|--------------------------|
| 1. Primary | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Secondary | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Core..... | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Power wash & oven dry | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Flush sec. tubes..... | <input type="checkbox"/> | | <input type="checkbox"/> |

B. DIODE ASSEMBLY

- | | | | |
|------------------------------------|--------------------------|--------------------------|--------------------------|
| 1. Diode | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Heat sink | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Cooling block | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Diode cable to transformer..... | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

C. THYRISTOR ASSEMBLY

- | | | | |
|--------------------------------------|--------------------------|--------------------------|--------------------------|
| 1. Thyristor | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Heat sink | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Thyristor fuse..... | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Cooling block | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Thyristor gate Jones block..... | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Gate leads to firing circuit..... | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

D. SUB-PANEL

- | | | | |
|--------------------------------|--------------------------|--------------------------|--------------------------|
| 1. Contactor..... | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Control transformer | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Fuses..... | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Fuse block..... | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Relay | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Overload & heaters | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Drive/firing circuits | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Wiring | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Paint | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

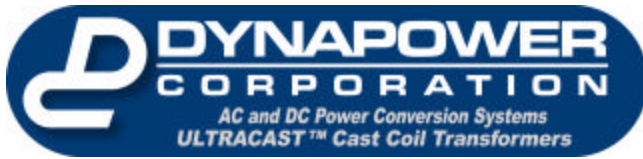
E. FRAME

- | | | | |
|--------------------|--------------------------|--------------------------|--------------------------|
| 1. Panels..... | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Fan motor..... | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Fan blades..... | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Paint | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Manifolds | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Tubing..... | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

F. REMOTE PANEL

- | | | | |
|---------------------|--------------------------|--------------------------|--------------------------|
| 1. Components | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Wiring | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Enclosure | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

NOTES: Please see reverse



COST SAVING PROGRAMS

Dynapower provides services designed to

Minimize Repair & Operating Costs

Extend Equipment's Operating Lifetime

Prevent Unnecessary Downtime

Ensure Proper Operation

Dynapower Corporation is pleased to offer two exciting programs designed to save you time and money.

REMANUFACTURED DYNAPOWER EQUIPMENT

This program restores your equipment to “like new condition” for a fraction of new-equipment costs and is backed by a one (1) year warranty.

During the remanufacturing, you will have the opportunity to upgrade the equipment controls to the Dynapower NEMA 4X Touch Pad.

PREVENTIVE MAINTENANCE

A program designed to ensure that your equipment is inspected and maintained on a regular basis by experienced Dynapower technicians familiar with the equipment and your industry's needs.

Contact us for details on a program tailored to your requirements.



Remanufactured Dynapower Rectifiers

Warranty

Dynapower Corporation's warranty is made to the original purchaser of the remanufactured equipment, provided it is installed and operated in accordance with its nameplate rating and our instruction manual. In addition, Dynapower strongly recommends that the purchaser engage a qualified licensed contractor to perform the installation. The purchaser is responsible for the proper maintenance of the equipment as outlined in our instruction manual.

The following warranties apply to these remanufactured components:

1. All transformers, chokes, other coils and diode and thyristor assemblies (excluding the diodes and thyristors) manufactured by Dynapower Corporation for one (1) year.
2. All purchased items such as meters, contactors, relays, resistors, diodes & thyristors, pilot lights and components not specifically listed but manufactured by Dynapower Corporation such as heat exchangers, electronic controls, and associated equipment are backed by a ninety (90) day warranty.
3. Components normally requiring replacement in the ordinary course of usage of the product (for example, light bulbs, gaskets, and fuses) are not covered by any Dynapower Corporation warranty.

These warranties are subject to the following conditions:

1. Any parts proven to be defective because of faulty material or workmanship will be replaced or repaired in accordance with the following policy:
2. The Customer is to notify Dynapower when a warranted part is defective. We will immediately ship a replacement part to the customer, F.O.B. South Burlington, Vermont, and issue an invoice for the replacement part under a purchase order. The defective part should be returned to our facilities as soon as possible, freight prepaid. Upon receipt of the defective material and our acceptance of the cause of failure, we will issue an appropriate credit.
3. This guarantee excludes field repair, however, it is available at a nominal charge.
4. All warranties are void if the equipment is altered by others without written authorization from Dynapower Corporation.
5. The warranties herein are in lieu of all other warranties and obligations on our part.
6. Dynapower Corporation does not assume responsibility for any consequential damages resulting from failure of the rectifier or any of its components.