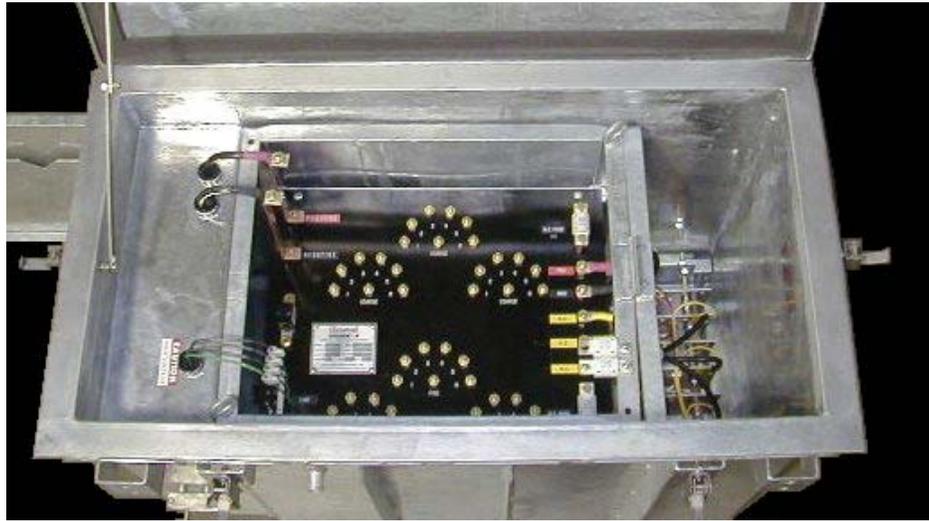


Oil-Cooled Cathodic Protection Rectifier Standard & Explosion Proof



Typical Construction
(Explosion Proof Fittings and Other Options see last page)

The Standard Oil-Cooled Rectifier is a heavy duty ruggedized rectifier made of hot dipped galvanized steel. It has external fins for added strength and added cooling. All units are equipped with hinged lid; lid brace and heavy duty draw pull latches as standard features.



Standard Features found in the Standard Oil Cooled Rectifiers

- Eleven gauge, hot dip galvanized steel case
- Hinged top lid with lid brace
- Separate instrument compartment with hinged door
- Quick release, heavy duty, stainless steel latches
- External fins for added strength and cooling
- Separate lift out racks for the transformer and stack
- Heavy duty transformer with 15% over design for reserve capacity
- Choose 18 std. or up to 36 steps of adjustment (choose range when ordering)
- Quick change heavy duty knobs for changing link bars on units <140 amps
- Accessible shunt, plainly marked
- Magnetic circuit breaker
- Separate voltmeter and ammeter
- Avalanche silicon diodes with a min. 1200 PIV
- Diodes protected by surge suppressors and current limiting fuses
- All electrical connections have lock nuts or are soldered
- All internal wiring is TEW rated at 105 Degrees C, 600 volts

Explosion Proof Information

This Explosion Proof Oil-Cooled Rectifier is equipped with a rugged Tap-Set Adjustment located under the oil. The explosion proof meter housings are located on the side of the rectifier with windows for easy reading of the Voltmeter and Ammeter. Explosion Proof rated power switch and all conduit seals are conveniently located on the side of the cabinet. The conservative design of this rectifier with its Galvanized Steel Enclosure and AC / DC Lightning Arrestors and Surge Protection will result in a long trouble free life.



Typical Arrangement Pictured