

35A/24V 1000 Watt Diversion Dummy Load Resistor Heater

35 Amp, 1000 Watt, 24 Volt Diversion Load Center

Designed for use with Diversion Controllers

This Diversion Center Can be mounted on to a wall to provide heating as well as serve as a diversion (dummy) load.

These resistors have been selected specifically to perform as diversion (dummy) loads in solar/wind/hydro alternate energy systems. Unlike water heating elements, this unit does not need to be submerged in water or oil. It will operate in free air.

Each of the resistors we sell has been selected based on its ability to dissipate a very specific amount of power (watts) with a very specific resistance value (ohms), at a very specific voltage. When used as recommended, they will not burn out, even under continuous use.

Please note. These resistors will become hot during normal use, please mount them away from heat sensitive objects and out of the reach of children.

The diversion load center consists of 5 resistors mounted directly onto two sheets of CNC cut, 16 gauge metal sheets (A left and right sheet). These two sheets form the electrical connection for the six resistors. Both sheets are mounted to a solid piece of ceramic board. Two terminals with brass nuts are provided for a solid connection to your wiring. The entire unit is enclosed in a Hoffman 8 x 12 x 4 enclosure with a vented cover.

Caution -- Very Hot heater! -- In testing the resistors in the unit produced 800 degrees (F) -- This is hot enough to flash (Start a fire) with paper, plastics and other such flammable objects. The unit must be mounted a safe distance from flammable objects.

The unit is very safe if mounted properly. We recommend that the box be mounted on a piece of non-flammable material (Cement board etc.) or thick plywood, with some air space between the box and plywood. Do not mount this heater on thin panel walls or similar. Be sure all flammable objects are at least 16 inches from the front of this unit, 8 inches from the sides and 2 inches from the back.

This Diversion Load center is a perfect companion to a 1000 watt 24 volt wind generator and our C160 controller. Please see our other listings for 12 and 48 volt diversion centers.