

36 A Amp /48 V Volt 2160 Watt Diversion Dummy Load Resistor Radiant Air Heater

36 Amp, 2160 Watt, 48 Volt Diversion Load Center for use with Diversion Controllers

Now with custom made Kanthal-A1 wire wound, high heat elements.

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 custom made (here in Coleman Texas) 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 (or custom made) based on it's 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 six resistors mounted directly onto two sheets of CNC cut, .063 aluminum 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 aluminum nuts are provided for a solid connection to your wiring. The entire unit is enclosed in a Hoffman 12 x 16 x 4 enclosure with a vented cover

Load specs per resistor.

Ohms	Volts	Amps	Watts
10	48	4.80	230.40
10	50	5.00	250.00
10	52	5.20	270.40
10	54	5.40	291.60
10	56	5.60	313.60
10	57	5.70	324.90
10	58	5.80	336.40
10	60	60.0	360.00

This Diversion Load center is a perfect companion to a 2000 watt 48 volt wind generator and our C440-HVM controller. Please see our other listings for 12 and 24 volt diversion centers.

Area in green is where most diversion controllers would be set to divert.

This Diversion Center consists of six - 10 ohm resistors. Each 10 ohm resistor will dissipate 5.8 amps at 58 volts. This is 336 watts/resistor. 6 resistors in parallel will dissipate 2016 watts at 58 volts (34.80 Amps), or 2160 watts at 60 volts.

