

8930 Series

10 kW, Oil-Cooled RF Terminations with 115 VAC or 230 VAC Blower

8930 Series, RF Loads are general purpose, 50 ohm, coaxial RF transmission line terminations, useful as standby reject loads for single or double sideband transmitters. They provide accurate, dependable, and low reflection line terminations over a frequency range of dc – 1000 MHz. Up to 10,000 watts can be dissipated. The loads have a coolant chamber surrounded by radiator fins. The front and rear fins form mounting flanges which can be used as supports for freestanding use or as brackets for fixed mounting. A pair of vent plugs at the top of the unit relieve internal pressure from coolant expansion and a blower assembly with three axial fans that line the bottom of the load.

Features

- Forced-air assisted oil-cooled load for high-power transmitter applications up to 10 kW and 1 GHz
- Interlock control circuit provides fail-safe protection of the transmitter and load resistor in the event of an ac power failure to the blower
- 115V or 230V models available

Model Selections

Model	Connector	Dimensions, L x W x H	Weight
8931-**	LC, Female	30-7/32" x 9-1/2" x 33-5/16" (768 x 241 x 847 mm)	137 lbs. (62 kg)
8932-**	1-5/8" EIA, Flanged	30-7/32" x 9-1/2" x 33-5/16" (768 x 241 x 847 mm)	137 lbs. (62 kg)
8936-**	3-1/8" EIA, Flanged	32-1/8" x 9-1/2" x 33-5/16" (816 x 241 x 847 mm)	142 lbs. (64.8 kg)
8937-**	3-1/8" EIA, Unflanged	31-1/4" x 9-1/2" x 33-5/16" (793 x 241 x 847 mm)	142 lbs. (64.8 kg)

Notes: ** AC power 115-230 VAC, 50/60 Hz; Add suffix (-115) or (-230) to model number