

LD-RT Series Horizontal Mount

Designed for Sound Attenuated Enclosures

Load Banks Direct, LLC is a leading manufacturer of high-capacity Load Banks. The LD-RT series of roof top mounted Load Banks offer a simple, easy to mount, economical solution for providing diesel generators with a supplemental load to minimize the effects of wet-stacking under lightly loaded conditions. LBD is setting the standard with intelligent operator controls, safety indication layouts, and adjustable load step resolution. The LD-RT Series provides a cost-effective solution for regularly scheduled maintenance testing of mission-critical standby emergency power generators.



- > Specifically designed for rooftop mounting on a sound attenuated GenSet enclosure with vertical exhaust
- > Sized to match exhaust area
- > Separate wall mounted Operator Control Panel
- > Outdoor design with stainless steel top

Construction | Built to Last

LD-RT Series of roof mounted load banks come standard with powder-coated galvanized steel frames, stainless steel tops and stainless steel hardware. Don't settle for unpainted frames or pay a premium for a powder coated enclosure.

The roof top frame is sized to match the exhaust opening and can be designed to provide an overhang for convenient bottom conduit entry. The frame houses the resistor load elements as well as an integral side-enclosure for customer load

connections, load step contactors, controls and fusing. The operator controls are provided in a separate NEMA 4 enclosure for remote installation.



Our load banks.
Your reliable electric power.

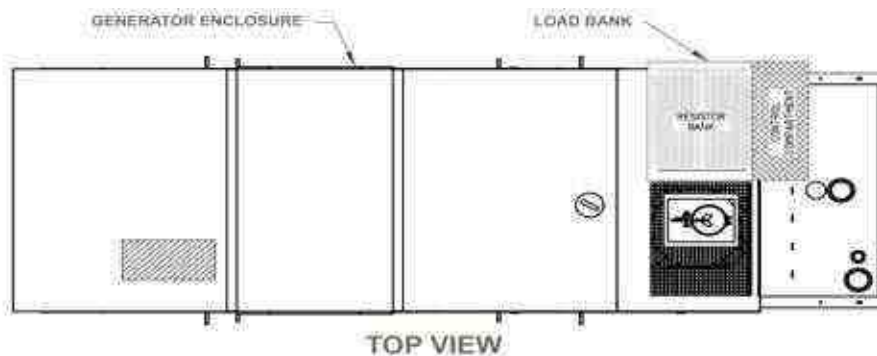


Cooling System

The Load Bank is directly mounted to the exhaust opening of an enclosed GenSet. The engine radiator cooling fan delivers the required airflow volume (CFM) for cooling the resistor load elements. The load bank does not have its own cooling and relies on the radiator fan to operate properly.

Operator Controls

- * Illuminated Main Power On/Off switch
- * Master Load On/Off switch
- * Individual Load Step Switches
- * E-Stop
- * Fault Indication Lights



Remote Indication & Alarm

Contact closure [form-c type normally open and normally closed] provides user interface to your building management system for indication, detection, and alarm of "Over-Temperature" and "Load Dump".

Load Elements

PowerDyne™ Resistors are the most rugged in the industry. They are fully supported across their entire length within the air stream by stainless steel support rods which are insulated with heavy-duty, high temperature ceramic insulators. Load step stability is maintained by conservative resistor designs.

Control Power

120VAC, single phase control power is required for load bank operation. Optional control power transformers are available.



Your Complete Solutions Provider

LBD's complete line of portable and stationary Load Bank products offer industry exclusive load testing solutions for generator set dealer/ distributor networks, service arms, rental companies, end users, and original equipment manufacturers of generator sets, UPS systems, turbines, fuel cells, wind power, and battery systems.

