



RM-20 SERVER LOAD BANK

The Model RM-20

allows for testing of data center cooling systems, specifically the hot-aisle/cold-aisle system. The RM-20 is designed to fit in a 19-inch server rack and is 12U high. This device simulates heat generated by servers and allows for comprehensive testing of the data center cooling system. The RM-20 has controllable load steps and adjustable air flow.

When commissioning data centers; a precise air heater is invaluable in performing full testing of the cooling system for servers and UPS. The RM-20 serves as an air heater, generating heat load to confirm that the data center cooling system is working correctly during data center commissioning. It is designed for continuous operation.

To simulate IT server operation (heat load simulation); the RM-20 has variable air flow (320 cfm to 1600 cfm) and selectable load steps (1.5 KW to 24 KW). The RM-20 server load bank offers adjustable control for fan speed for precise delta-T adjustments. The RM-20 server load bank can measure inlet air temperature and outlet air temperature.

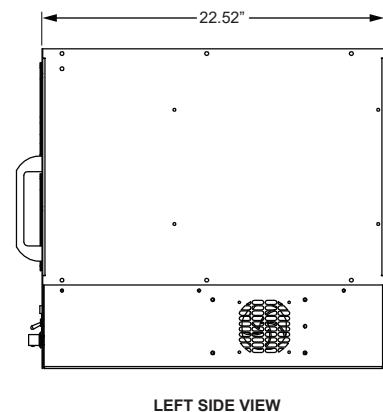
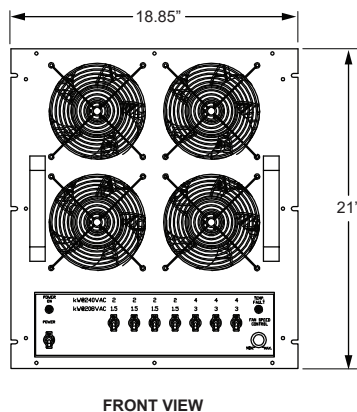
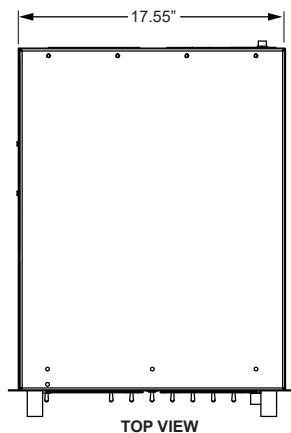
The RM-20 server load bank has numerous incoming voltage options. This makes the unit extremely flexible and useable anywhere in the world.

- Option 1: 240 VAC (L-N), 50/60 Hz, 1 Phase, 100 Amps, 24 KW, load step resolution 2 KW
- Option 2: 208/240 VAC (L-L), 50/60 Hz, 3 Phase, Delta Connection, 50/57.7 Amps, 18/24 KW, load step resolution 1.5/2 KW/Phase
- Option 3: 415 VAC (L-L), 50/60 Hz, 3 Phase, Wye Connection, 33 Amps, 24 KW, load step resolution 2 KW/Phase



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DIMENSIONS



Cooling for the server load bank is provided via forced air. No additional control voltage is required; all control power and fan power are taken from internal power supply.

The RM-20 server load bank is a manual load bank with easy and intuitive display and controls. A on/off toggle switch is provided. There is an Inlet Temperature Display and Outlet Temperature Display for easy monitoring and control of delta temperature. There is a green light to indicate that power is on. A red light indicates that there is a high temperature condition. There are 8 toggle switches for control of load steps.

The RM-20 server load bank has numerous safety features. There is a contact provided for customer use for Emergency Power Off. A temperature switch monitors for over temperature as indicated on front panel. The fans will automatically run to max speed when current is high. There are circuit breakers provided for the load steps.

OPTIONAL

Power cords in variable lengths, Load Flexibility and Switching (Load on A UPS, on B UPS or 50% on A and 50% on B) are available.

Since 1969, ULB Management and technical team have been manufacturing test equipment for the aerospace, airline, aircraft MRO, military, industrial, agricultural, and automotive industries. Established in 2016 as the load bank division of a leading test equipment company, ULB offers a complete line of load banks for the commercial market.



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