Server Simulators

Data-centre Commisioning

SRA Solutions offers Server Simulators for hire as tools to assist with commissioning of data-centre cooling systems or heat load testing. Cooling systems can be accurately tested without risking expensive IT equipment.

SRA Solutions Server Simulators accurately simulate heat-loads and airflow created by IT equipment in a rack. Each unit consists of a heating elements with variable output and high reliability fan units that can be run 24/7 to simulate operating conditions in hgih capacity data centres.

FEATURES:

Variable Heat Loads

Server simulators include two heating elements and two fan units that can be operated independently or together to give equivalent heat outputs of 2kW or 4 kW. Units are 19″rack compatible so can be mounted in racks in place of IT equipment. The distributed heat load provides realistic test conditions that accurately represent the operational environment. Foir safety server simulators are fitted with over current fuses and thermal cut-off switches.

Customers can hire any number of server simulators to test UPS and cooling performance for a single rack, containment pod or a complete data hall.

Realistic Air Flows

Server simulators realistically distribute heat in a rack utilsing high reliabiliity fans. Fans run and contant.

Compatibility

Server simulators can be easily mounted in standard 19 inch racks with included mounting hardware. Simulators are provided with either IEC C14 (10A) or 10A GPO input cables. Please specify when enquiring.

Rentals:

Server simulators are rented in weekly slots (minimum one week) Bookings are essential to ensure availability and SRA offers an installation service if required.

Specifications:

Parameter	Value
Operating Voltage	240VAC
Maximum Current	10A
Input Plug	IEC C14 (10A) or Australian GPO (10A)
Nominal Heat Output	2kW or 4kW
Rated Airflow	l/s cfm
Height	4RU

More Information

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