



# HEATLOAD



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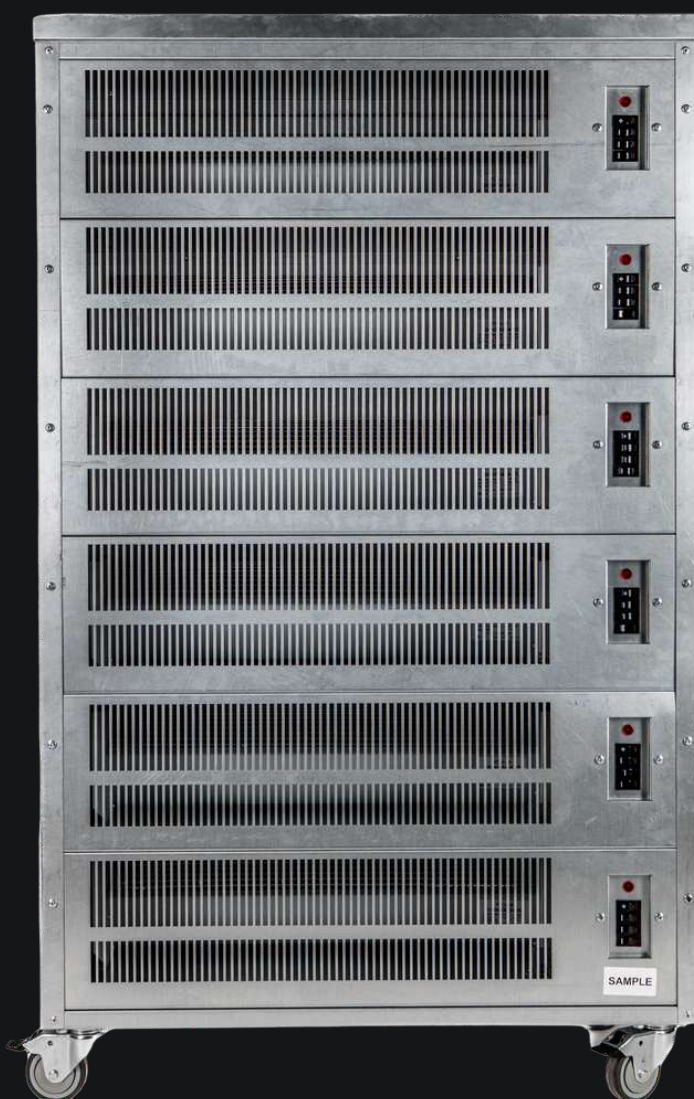
## 20KW TOWER SERVER EMULATORS

The 20kw Tower Emulator internally is identical to two of it's predecessors (the 10kw Emulator) stacked on top of one another, but in a combined chassis.

Offering low Delta-T solutions for large Data Centres; each unit is capable of to emulating racks with a load capacity anywhere between 1KW - 20KW. The top of the chassis is compatible with the 10KW Emulator, meaning you can stack additional load on top.

There are 6 sets of switches to control the load between; fan only, 50%, 75% and 100% (Operating the units at 50 or 60Hz makes no difference to their performance).

Each 20KW Emulator includes 3 x 32A Single Phase connections, but with our extensive catalogue of splitters and distribution boards, we can plug in to virtually any power connection.





## 20KW TOWER SERVER EMULATORS SPECIFICATIONS

Description		
Model	HO750_II/ 21kW	
Maximum Capacity - Packaged Load Bank	20700 W / 90A	
Voltage Ranges (Continuous Operation)	220-240 VAC	
Frequency	50Hz	
Phases	X3 1PH / STACK UNIT	
Wires	3 / 32A Inlets	
Load Step Resolution / Heat Increments	18 / 1150 W	
Voltage Tolerance (Short Term Operation)	Nominal + / -5%	
Load Element Tolerance	Nominal + / -10%	
Elements	Kanthal/ Resistive Wire	
Insulation Grade	Conform to BS 6231 Type CK	
Auxiliary Supply Type	Temporary / Test	
Auxiliary Supply Voltage Range	220-240V / 1ph/ 50Hz	
Auxiliary Rating	X3 - 32A	
Auxiliary Connection Type	X3 - 32A Commando Type Connector	
Control		
Control	Rocker Switches (Fan Only, Heat 1, Heat 3) Power Indicator Neon	
Protection	Over temperature protection thermostat	
Misc.		
Load Connections	16A Commando Type Connector	
Cooling Method	Tangential Fan - Forced Air Convection	
Exhaust Air Temperature (Approx.)	Ambient + 12°C-16°C	
Air Flow (Approx.)	1500L L/S	
Load Switching Type	Resistive	
Load Switching Contractor Type	N/A- Circuit Protection Remote	
Rated Maximum Ambient Temperature Operation	Nominal 45°C	
Rated Minimum Ambient Temperature Operation	Nominal -10°C	
Rated Maximum Ambient Humidity	95% RH - Non Condensing	
Altitude Rating	< 2500 m Above Sea Level	
Enclosure	Zinc-Coated steel	
Minimum Inlet Clearance	300mm	
Minimum Outlet Clearance	300m	
IP Rating	IP20	
Lifting & Movement	2 Person Lift	
Physical Dimensions		
	Value	Unit
Length	805	mm
Width	405	mm
Height	1320	mm
Total Weight	65	KG