



HEATLOAD

SINGLE PHASE FLOOR STANDING HEAT LOAD UNITS

Typically, these units are used to test offices, trading floors, laboratories, ITEC room and other critical facilities. They are also used in large data centres where the racks are not yet implemented and only single phase power distribution is available; the 3kw unit is ideal for this environment as it draws approximately 13Amps. The units are a cost-effective alternative to rack mounted server emulators in environments where the Delta-T is less critical.

We stock two models of floor standing single phase heaters: 2kw and 3kw. Both are switched fan only, 50% or 100% load. We supply the units with a ceramic floor tile to protect the floor covering.





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2&3KW FLOOR STANDING EMULATOR SPECIFICATIONS

Description				
Model	Kingavon BB-FH207		Kingavon BB-FH206	
Maximum Capacity - Packaged Load Bank	2000 W / 8.5A		3000 W / 12.75A	
Voltage Ranges (Continuous Operation)	210-230 VAC		210-230 VAC	
Frequency	50Hz		60Hz	
Phases	Single Phase		Single Phase	
Wires	1x3-Core 1.5m 1.5mm Power Cable		1x3-Core 1.5m 1.5mm Power Cable	
Number of Steps / Load Step Resolution	2 / 1000 W		2 / 1500 W	
Voltage Tolerance (Short Term Operation)	Nominal + / -5%		Nominal + / -5%	
Load Element Tolerance	Nominal + / -10%		Nominal + / -10%	
Elements				
Insulation Grade				
Auxiliary Supply Type	Temporary / Test		Temporary / Test	
Auxiliary Supply Voltage Range	220-240V / 1ph/ 50Hz		220-240V / 1ph/ 50Hz	
Auxiliary Rating	16A		16A	
Auxiliary Connection Type	C20		C20	
Control				
Control	Rotary Switches (Fan Only, Heat 1, (50%) Heat 2		Rotary Switches (Fan Only, Heat 1, (50%) Heat 2	
Protection	Over temperature protection thermostat		Over temperature protection thermostat	
Misc.				
Load Connections	C20 Connector		C20 Connector	
Cooling Method	Tangential Fan - Forced Air Convection		Tangential Fan - Forced Air Convection	
Exhaust Air Temperature (Approx.)				
Air Flow (Approx.)				
Load Switching Type	Resistive		Resistive	
Load Switching Contractor Type				
Rated Maximum Ambient Temperature Operation	Nominal 40°C +/-10%		Nominal 40°C +/-10%	
Rated Minimum Ambient Temperature Operation	Nominal -10°C		Nominal -10°C	
Rated Maximum Ambient Humidity	95% RH - Non Condensing		95% RH - Non Condensing	
Altitude Rating	< 2500 m Above Sea Level		< 2500 m Above Sea Level	
Enclosure	Powder coated		Powder coated	
Minimum Inlet Clearance	300mm		300mm	
Minimum Outlet Clearance	300mm		300mm	
IP Rating	IP24		IP24	
Lifting & Movement	1 Person Lift		1 Person Lift	
Physical Dimensions				
	Value	Unit	Value	Unit
Depth	210	mm	210	mm
Width	195	mm	195	mm
Height	340	mm	340	mm
Total Weight	4.5	KG	4.5	KG
Suitability	For environmental testing at room level, where a higher delta-t is acceptable e.g. offices, ITEC rooms, meeting rooms etc. single phase, small power connection, so can be connected to floor trap power outlets			