



HEATLOAD

3-PHASE FLOOR STANDING HEATERS

Typically, these units are used to test plant rooms, ITEC room and data centres where the racks are not yet implemented. The 22kw unit is the maximum sized unit that can be connected to a 32Amp 3-Phase supply. Typically, customers prefer to use the 15kw units as they do not load the 32Amp supply to 100%. The units are a cost-effective alternative to rack mounted server emulators in temporary racks, in environments where the Delta-T is less critical.

We stock two models of floor standing 3-phase heaters: 15kw and 22kw. Both are switched fan only, 50% or 100% load. We can supply the 15kw units with an additional stand to direct airflow. Units are fitted with a thermal cut out and reset to prevent excess overheat condition.





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3-PHASE FLOOR STANDING HEATER SPECIFICATIONS

Description		Inelco Dania 15kw	Inelco Dania 22kw
Model		Inelco Dania 15kw	Inelco Dania 22kw
Maximum Capacity - Packaged Load Bank		15000 W / 25A	22000 W / 32A
Voltage Ranges (Continuous Operation)		400-430 VAC	400-430 VAC
Frequency		50Hz	50Hz
Phases		3-Phase	3-Phase
Wires		1x5-Core 5G4 or 5G6 (4mm or 6mm) Power Cable 5m to 30m	1x5-Core 5G4 or 5G6 (4mm or 6mm) Power Cable 5m to 30m
Number of Steps / Load Step Resolution		2 / 7500(50%)-15000(100%) W	2 / 1100(50%)-22000(100%) W
Voltage Tolerance (Short Term Operation)		Nominal + / -5%	Nominal + / -5%
Load Element Tolerance		Nominal + / -10%	Nominal + / -10%
Elements		Stainless Steel	Stainless Steel
Insulation Grade			
Auxiliary Supply Type		Temporary / Test	Temporary / Test
Auxiliary Supply Voltage Range		400-430V / 3pH 50Hz	400-430V / 3pH 50Hz
Auxiliary Rating		32A	32A
Auxiliary Connection Type		32A TPN+E Commando Type Male Bulkhead	32A TPN+E Commando Type Male Bulkhead
Control			
Control		Rotary Switches Fan Only, 50% & 100%	Rotary Switches Fan Only, 50% & 100%
Protection		Over temperature protection thermostat	Over temperature protection thermostat
Misc.			
Load Connections		32A TPN+E Commando Type	32A TPN+E Commando Type
Cooling Method		Tangential Fan - Forced Air Convection	Tangential Fan - Forced Air Convection
Exhaust Air Temperature (Approx.) Delta-T		Ambient + 20°C-40°C	Ambient + 15°C-30°C
Air Flow (Approx.)		360 L/S	660 L/S
Emergency Thermal Cutout		126°C	126°C
Load Switching Type		Resistive	Resistive
Load Switching Contractor Type		NA- Circuit Protection Remote	NA- Circuit Protection Remote
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		Zinc-Coated steel with Powder coated	Zinc-Coated steel with Powder coated
Minimum Inlet Clearance		750mm	750mm
Minimum Outlet Clearance		750mm	750mm
IP Rating		IP44	IP44
Lifting & Movement		1 Person Lift	1 Person Lift
Physical Dimensions			
	Value	Unit	Value
Depth	350	mm	350
Width	440	mm	440
Height	600	mm	600
Total Weight	16.03	KG	27.34
Suitability	For environmental testing at room level, where a higher delta-t is acceptable. 3-phase, power connection required, so can be connected to final power outlet, busbar etc. or temporary power distribution. Strongly recommended that containment between cold and hot aisles is implemented to ensure temperature tolerance not exceeded.		