

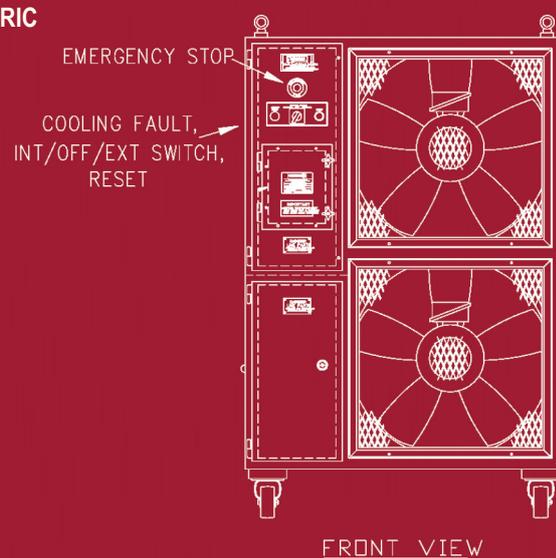
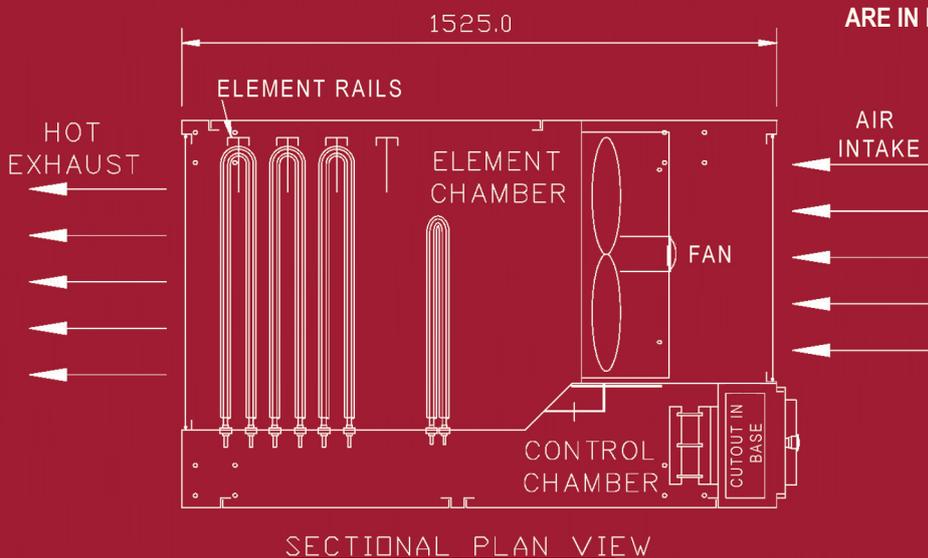
Datasheet: 500 - 700kW Loadbank Range

Description		Transportable	Fixed		
Model					
Country of Origin		United Kingdom			
Max Capacity - Packaged Loadbank		500kW - 700kW			
Voltage Max - Continuous Operation		480V			
Operating Frequency Range		60Hz			
Phases		3ph			
Wires (Star Connection)		4			
Load-Step Resolution @ Design Voltage		1kW			
Voltage Tolerance (Short Term Operation)		+5%			
Load Element Tolerance		+/-5%			
Elements		80/20 nickel chrome resistance wire			
Insulation Test		500V			
Auxiliary Supply Voltage		380V - 480V			
Operating Frequency Range		50/60Hz			
Phases		3ph			
Load Connections		M16 Copper Busbars			
Protection		Thermal Emergency Cut Out Air-Flow Switch Fan Overload Emergency Stop			
Control Voltage		Selectable - Test or Auxiliary			
Cooling Method		Forced Air Cooling (Horizontal)			
Air-Flow (Approx.)		17,000ft ³ /min			
Load Switching Category		AC-1 Resistive			
Load Switching Contactor Type		3 Pole AC Contactors			
Rated Maximum Ambient Temperature Operation		+40°C / +104°F			
Rated Minimum Ambient Temperature Operation		-20°C / -4°F			
Rated Maximum Relative Humidity		95% RH			
Altitude Rating		<1,640ft [f.a.s.l.]			
Enclosure		Sheet Steel			
Finish		White - RAL9016			
Control Chamber IP Rating		IP55			
Lifting		Lifting Eyes x4			
Enclosure Dimensions		Castors	Channels	FLB	Fixed *
Length (Approx.)	in	61	61	61	69
Width (Approx.)	in	39	39	39	39
Height (Approx.)	in	60	58	61	57
Total Weight (Approx.)	lbs	1300	1300	1400	1320
Loadbank Control Systems					
Control		KCS		MCS	
Optional Extras:		KCS100H - 10m Lead		PC Software or HHT	
		VIP - Power Meter		Modbus	
		KCS100L (Local)			
		KCS100R (Remote)			
		Extendable System		Extend - Standard	
Load Connection Type		1-Phase and/or Delta			
Frequency / Connections		60Hz and 3-Wire Connection			
Control Extension Cables		160ft or 320ft Extension			
Transportation		N/A			
Load Connections		Camlok			
Protection Cover		Loadbank PVC Cover			
Frame		Crash Pack			

* Permanent installation only

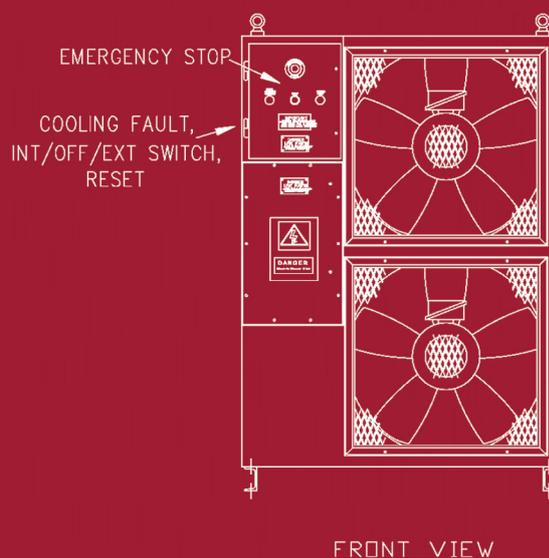
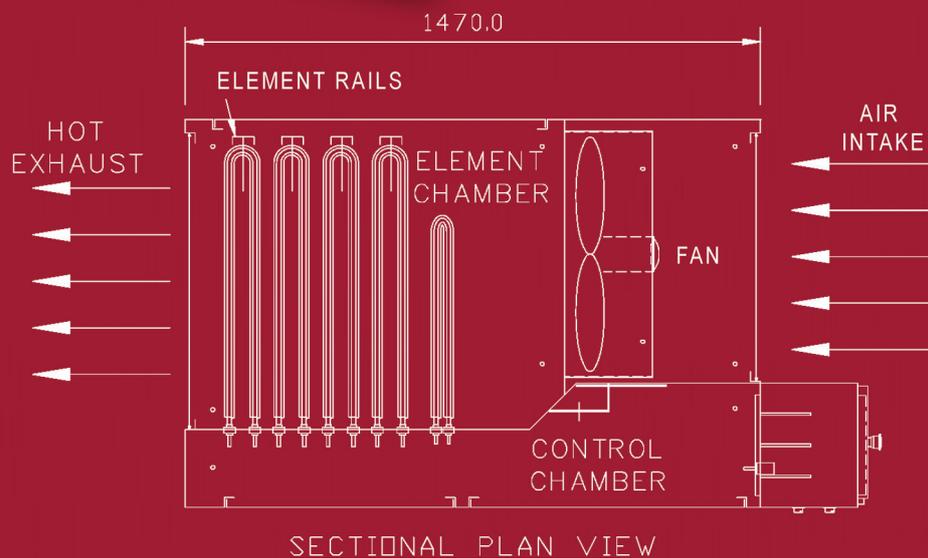
500kW - 700kW AC - Issue 1 - 18/06/15 (Changes to specification may vary without notice)

ALL DIMENSIONS
ARE IN METRIC



Quality without compromise

Our loadbanks are characterised by one thing above all: quality. At every stage of our supply chain, from raw material to finished item, we work with established, worldclass suppliers and implement our own uncompromising quality control processes to ensure that our products perform better and last longer.



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