

TECHNICAL SUMMARY SHEET

HAC240-4RM

SINGLE PHASE 19" RACK MOUNTED LOAD BANKS

Features

- 19" RACK MODULE
- 4KW RATING
- SIMPLE OPERATION
- REAR CABLE CONNECTORS
- SAFETY ISOLATION CIRCUIT BREAKER
- LOW COST
- 5U COMPACT SIZE
- 2 x 2KW SWITCH STEPS



Typical unit illustrated

The Hillstone HAC240-4RM load banks provide a low cost 19" rack mountable solution to thermal testing in data centres, allowing load bank modules to be easily housed in existing racks. Each load bank includes isolation circuit breaker / fan control and individual switch control of load steps. A rear mounted power socket provides quick and safe connection of the mains supply. Hillstone can also provide a movable rack frame which can accommodate up to 6 load banks.

Specification

Max voltage	240 volts, single phase 50 hz		
Rating	4KW at 240V, 3.6KW at 230V, 3.3KW at 220V		
Adjustment	2 x 2KW steps, selected via panel mounted illuminated switches		
Controls	Total load isolator / circuit breaker, including fan control		
Connection	16A rear panel socket (matching plug and cable set optional)		
Cooling	3 low noise, horizontal force air cooling fans, powered from the test source cool air intake at front, hot air exhaust at rear.		
Element type	High temperature ni-chrome tape wound mounted on mica composite card. Black heat operation		
Environmental	5U (221 mm high x 455 deep) 19" rack assembly, designed for 550mm deep data centre racks. Front air intake and hot exhaust at rear.		
Construction	Zintec steel, with front panel powder coated, textured finish RAL 7032 Enclosed tray assembly with rear grill		
Operating temperature	0-40 deg C		
Storage temperature	0-80 deg C		
Movement	Front handles and slide in tray assembly		
Optional extras	BS4343 plug and cable set	Blanking plates	Alternative voltages
	1600 mm high movable rack to house up to 6 load banks		

Notes :

1. Units are rated for continuous operation at max volts
2. Extra cable length available
3. Standard resistance element tolerance +/- 5%
4. Contact our sales office for de-rating above 40 deg C ambient
5. Changes to specification, components, dimensions or weights may vary without prior notice.
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