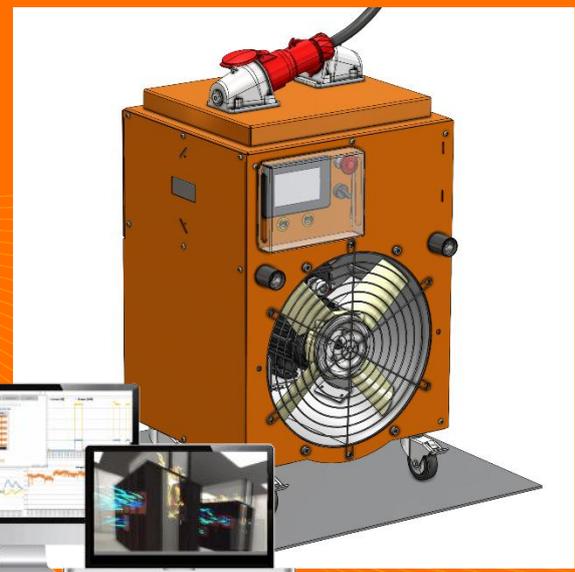# Air Cooling solutions
for Data Center Commissioning

21kW Smart AC Load Bank

Rentaload

Integrated ATS

Choose between feed A or feed B

Low Resolution

3kW steps provide you unique precision to perfectly match your requested power

Smart Control & Data

Manage up to 1.000 units with one PC, record data and edit test report

Air Cooling solutions
21kW Smart AC Load bank

Main features

The 21kW Smart AC Load bank is used as a server simulator to test the resilience of electrical & thermal infrastructures in white halls. This Air Cooling load bank has been designed to test power and cooling system before having the rack installed, with a great ease of use and very precise load management thanks to its 1 & 3 kW steps resolution.

- Integrated ATS – **Test feed A or B.**
Plug only once and choose between testing one channel or the other.

- Low Resolution - **Select exactly your requested power thanks to its 1 & 3 KW steps**
Ramp up with very fine tuning, directly on load bank or thanks to Rentalab Supervision Software.

• Airflow designed to match CRAH unit demand, allowing realistic simulation when cooling performance is driven by both pressure difference and temperature variation;

- Smart Features included – **Save 20% of time and improve your test reliability**

   ✓ Smart Control – Rentaload 21kW Smart AC Load bank is compatible with Rentalab Supervision Software. **Connect up to 1.000 Smart units and manage them all from your computer.** You don't have to handle load banks one by one anymore, saving you up to 20% of time during your tests and improve your test reliability thanks to fewer handling and people on site during tests.

   ✓ Smart Data – To take advantage of all smart features, **monitor your test data live, record it and edit your tests report** on your computer thanks to Rentalab Supervision Software.

**Rentalab
Supervision Software**

**Containment
Pods**

**Temperature
Sensors**

Air Cooling solutions
21kW Smart AC Load bank

Datasheet

Rentaload 21kW Smart AC Load bank is connected and compatible with Rentalab. Use Rentalab supervision software to manage up to 1.000 Smart units from one computer, without any handling on site during tests. This saves you up to 20% of time and test costs and improve your test reliability. Rentalab supervision software also records test data and edit test reports.

Specification	Value	Unit
Nominal Power	21	kW
Max Voltage	400 V – Tri Phases	Volts
Cables	Triphases 32A Hypra P17 RED	
Resolution	3 or 1	kW
Dual Power Supply	Redundancy (100%A – 100%B)	
Delta T	10 to 40	Kelvin
Air Flow (Motor Speed)	Variable up to 6 000	m^3/h
Ventilation	Forced horizontal flow	
Cut-off temperature	40	°C
Security	Warning on screen	
Control Panel IP	20	
Others elements IP	20	
Height	900	mm
Depth	440	mm
Width	500	mm
Weight	50	Kg
Handling	Handles + Wheels + Wooden box storage	
Installation	No rack needed - Temporary pods option	
Manufacturing	Made in France	
Smart Features	RJ45	✓
Compatible with Rentalab Supervision Software	Monitoring reporting (U, I, P) Data recording and report editing	✓
Maximum Smart units management per computer	Manage up to 1000 Smart units from only 1 computer	✓

![Rentaload logo — Worldwide leader in load bank rental services]

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