



Series

VRH Rack-Mounted

Two-stage DC and AC-powered rack-mounted heater for critical infrastructure enclosures



Main features

- RS485 port communication interface with Modbus protocol
- Designed for reduced starting current
- Integrated controller functionality with display for user-interface
- Available in 48 VDC and 220 VAC
- 1,000 – 2,000 W | 3,400 – 6,850 BTU nominal heating capacity options
- Low weight: 3.0 kg / 6,6 lbs.
- Aluzinc material with RAL color 9016 as standard; other colors optional
- ETL / cETL Listed

Application

Designed for enclosures with sensitive electronics that need strict thermal control

- Telecommunications equipment
- EDGE data center solutions
- Energy Storage Solutions
- Industrial automation
- Security and defense systems

Standards, tests and approvals

- CE
- IP20
- UL / cUL
- RoHS / REACH / CLP

Contact Vikinor

- Sales request: sales@vikinor.com
- Service & maintenance: service@vikinor.com
- www.vikinor.com

Controls

- User-friendly interface w. display
- RS485 port Communication interface with Modbus protocol
- Password protected set point adjustment
- Low-voltage and high-voltage protection function
- Fan speed control function
- General alarm output and fan fault alarm
- Quick start function with special heater relays
- Automatic power-on self-test function

Easy to install

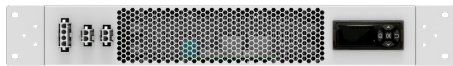
- 19" and 23" rack-mounted configurations with included universal mounting accessories

Series

Features for VRH Rack

Standard and optional features for all products in the VRH Rack series

Features		
	Standard	Optional
Aluzinc material with RAL color 7021	✓	
Self-test functionality	✓	
Over-voltage and under-voltage protection	✓	
User-friendly interface w. display	✓	
Day and night-time operation modes	✓	
Password protected set point adjustment	✓	
Fan speed control function	✓	
Quick start function with special heater relays	✓	
General alarm output and fan fault alarm	✓	
Modbus RTU	✓	
Reversible mounting tabs for 19" and 23" configurations	✓	
Customer control parameter settings		✓
Product material: aluminum, stainless steel		✓
Increased corrosion protection		✓
Custom RAL color coating, texture and gloss factor		✓



VRH 2000 AC Rack

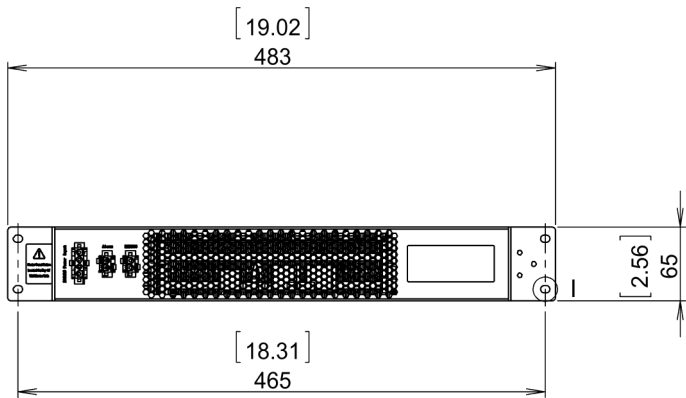
A2 model specifications

Product series name	VRH 2000 AC Rack	
Model	A2 – 230 VAC	
Part numbers		
Modbus RTU	1849204	
Heating performance		
	Watt / BTU	
Nominal	2,000 / 6,850	
Heater size	2,000 W	
	m3/hr.	CFM
Air flow, max	200	116
Electrical data		
	VAC	
Nominal voltage	208/230	
Operating range	187-253	
	Watt	
Power Consumption	2065	
	Amp	
Rated current	9.1	
Starting current	17	
Ambient temperature range		
	°C	°F
Minimum	-40	-40
Maximum	65	149
Unit design		
Material	Standard: Aluzinc Steel (Optional: SGCC/Stainless Steel/Aluminum)	
Finish	Powder Coat RAL 7021 Black Grey	
Protection	IP 20	
Agency Approvals / Standards	UL / cUL / CE / RoHS / REACH	
Noise Level at 1.5 Meters. dB(A)	56	

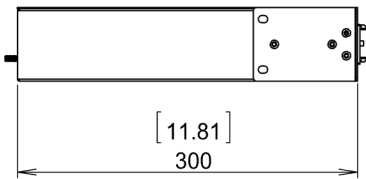
Product series name	VRH 2000 AC Rack	
Model	A2 – 230 VAC	
Controller		
Description	Advanced control system; variable speed; MODBUS; display	
	°C	°F
Heating setpoint 1	10	50
Heating setpoint 2	5	41
Unit dimensions & weight		
	mm.	in.
Height	44	1.7
Width	483	19
Depth	177	7
	kg.	lb.
Weight	3.0	6.6

Product dimension in mm (in.)

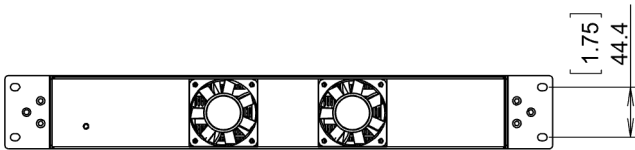
Front view



Side view



Back view



360° rotation view

