

Vertiv W128434806

Vertiv VR 100x800x1100 Rack Base User Manual

Model: W128434806

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient installation, operation, and maintenance of the Vertiv VR 100x800x1100 Rack Base. Please read this manual thoroughly before proceeding with any installation or operation.

The Vertiv VR 100x800x1100 Rack Base is designed to provide a stable and secure foundation for server racks and other IT equipment, ensuring proper airflow and support. It is constructed from durable aluminum and features an easy-to-install design.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions could result in injury or damage to the equipment.

- Always ensure the installation area is clear and well-lit.
- Use appropriate personal protective equipment (PPE) such as gloves and safety glasses during installation.
- The rack base, once assembled and loaded, can be heavy. Ensure proper lifting techniques are used or seek assistance.
- Do not exceed the maximum load capacity of the rack base (refer to specifications).
- Ensure all components are securely fastened before placing any equipment on the rack base.
- Keep children and pets away from the installation area.

3. PACKAGE CONTENTS

Verify that all components listed below are present and undamaged before beginning installation. If any items are missing or damaged, contact Vertiv customer support.

- Vertiv VR 100x800x1100 Rack Base Frame (1 unit)

- Perforated Panels (100 pieces)
- Assembly Hardware (screws, nuts, washers, etc.)
- Instruction Manual (this document)



Figure 3.1: Vertiv VR 100x800x1100 Rack Base Frame. This image shows the rectangular frame of the rack base, constructed from black aluminum, with corner brackets and small feet visible at the bottom corners.

4. SETUP AND INSTALLATION

Follow these steps carefully to assemble and install your Vertiv VR Rack Base.

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging materials for future transport or storage if needed.
2. **Component Identification:** Lay out all parts and identify them against the "Package Contents" list.
3. **Frame Assembly:**
 - Connect the aluminum frame sections using the provided assembly hardware. Ensure all connections are secure but do not overtighten initially.
 - Verify the frame is square and level before fully tightening all fasteners.
4. **Perforated Panel Installation:**
 - Once the main frame is assembled, install the perforated panels into their designated slots or attachment points on the rack base. These panels are crucial for airflow and support.
 - Ensure each panel is firmly seated and secured.
5. **Placement:** Position the assembled rack base in its final desired location. Ensure the floor is level and capable of supporting the combined weight of the rack base and the equipment it will hold.
6. **Leveling:** Use the adjustable feet (if present) or shims to ensure the rack base is perfectly level. This

is critical for the stability of the rack and equipment.

7. **Final Inspection:** Before loading any equipment, perform a final visual inspection to ensure all connections are tight, the base is level, and there are no obstructions.

5. OPERATING INSTRUCTIONS

The Vertiv VR Rack Base is a passive component designed to provide structural support. Its "operation" primarily involves proper loading and maintenance.

- **Loading Equipment:** Carefully place your server rack or other equipment onto the assembled rack base. Distribute weight evenly to maintain stability.
- **Airflow Management:** The perforated panels are designed to facilitate airflow. Ensure that the placement of equipment does not obstruct these perforations, maintaining optimal cooling for your IT infrastructure.
- **Stability Check:** Periodically check the stability of the rack base, especially after adding or removing equipment.

6. MAINTENANCE

Regular maintenance ensures the longevity and continued performance of your Vertiv VR Rack Base.

- **Cleaning:** Clean the rack base periodically with a soft, dry cloth. For stubborn dirt, a slightly damp cloth with mild detergent can be used, followed by drying. Avoid abrasive cleaners or solvents.
- **Fastener Check:** Annually, or as needed, inspect all screws and fasteners to ensure they remain tight. Retighten any loose connections.
- **Leveling Check:** Verify the rack base remains level, especially if the rack has been moved or heavy equipment has been added/removed.
- **Damage Inspection:** Inspect the aluminum finish and perforated panels for any signs of damage, corrosion, or deformation. Address any issues promptly.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your rack base.

Problem	Possible Cause	Solution
Rack base is unstable or wobbles.	Uneven floor; loose fasteners; improper assembly.	Ensure the floor is level. Adjust leveling feet. Check and tighten all assembly fasteners.
Perforated panels are loose.	Panels not properly seated or secured.	Re-seat panels firmly into their slots. Ensure any securing clips or screws are in place.
Difficulty assembling frame.	Misalignment of parts; incorrect hardware.	Refer to Section 4: Setup and Installation. Ensure parts are oriented correctly. Verify you are using the correct hardware for each connection. Do not force components.

8. SPECIFICATIONS

The following are the technical specifications for the Vertiv VR 100x800x1100 Rack Base (Model: W128434806).

Attribute	Value
Brand	Vertiv
Model Number	W128434806
Product Type	Rack Base
Dimensions (H x W x D)	100mm x 800mm x 1100mm (approx. 3.9 x 31.5 x 43.3 inches)
Exterior Finish	Aluminum
Color	Multicoloured (typically black as shown in image)
Special Feature	Easy to Install
Included Components	Perforated Panels (100 pieces), Manual
Item Weight	1.76 pounds (0.8 kg) - <i>Note: This may refer to packaging weight or a single component. The full assembled base may weigh more.</i>
Package Dimensions	9.84 x 6.69 x 6.69 inches (25 x 17 x 17 cm)


9. WARRANTY AND SUPPORT



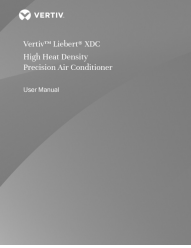
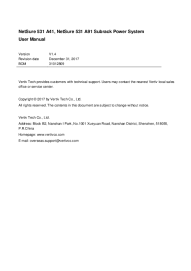

For information regarding warranty coverage, technical support, or replacement parts, please contact Vertiv directly or visit their official website.

Vertiv Official Website: www.vertiv.com

Please have your model number (W128434806) and purchase information ready when contacting support.

Related Documents - W128434806

	<p>Avocent DSView and Rack Power Manager Software Plug-ins: Technical Bulletin</p> <p>This technical bulletin from Vertiv provides comprehensive guidance on utilizing the Avocent DSView and Rack Power Manager software plug-ins. These tools enhance the management capabilities for IT infrastructure, allowing users to efficiently access, monitor, and control a wide array of devices, including PDUs, UPSes, console servers, and virtualization environments.</p>
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	<p>Liebert Air-cooled Drycooler Installer/User Guide Vertiv</p> <p>This comprehensive guide from Vertiv provides essential information for the installation, operation, and maintenance of the Liebert Air-cooled, Direct-drive Drycooler. It covers safety, components, site preparation, piping, electrical connections, and troubleshooting for qualified personnel.</p>
	<p>Vertiv Liebert HPM: High-Performance Data Center Cooling Solutions (4-30 kW)</p> <p>Explore the Vertiv Liebert HPM series, offering efficient and reliable air conditioning solutions for data centers and critical environments. Discover technical specifications, key features, and applications for cooling capacities from 4 to 30 kW.</p>
	<p>Vertiv Liebert XDC High Heat Density Precision Air Conditioner User Manual</p> <p>Comprehensive user manual for the Vertiv Liebert XDC High Heat Density Precision Air Conditioner, detailing installation, operation, maintenance, and troubleshooting for data center and server room environments.</p>
	<p>NetSure 531 A41, NetSure 531 A91 Subrack Power System User Manual</p> <p>Comprehensive user manual for Vertiv's NetSure 531 A41 and A91 series subrack power systems, covering installation, safety, operation, and troubleshooting.</p>
	<p>Liebert APM2 Modular External Battery Cabinet User Manual</p> <p>User manual for the Vertiv Liebert APM2 Modular External Battery Cabinet, covering installation, safety, specifications, and maintenance.</p>