VT4315-PRO A BlueBOLT® Enabled Vertical Rack Power Conditioner with12 Outlets

HOME THEATER POWER MANAGEMENT

Congratulations on your purchase of the Panamax VT4315-PRO BlueBOLT enabled vertical rack power conditioner. The VT4315-PRO is a full featured power conditioner providing protection and filtration for maximum longevity and performance of connected equipment. BlueBOLT enabled, the VT4315-PRO allows remote reboot of 12 outlets in 8 individually controlled banks, as well as the ability to monitor energy use, set alerts, program scheduled commands, and much more.

FEATURES

- BlueBOLT™ enabled for IP control and monitoring
- 12 outlets in 8 controllable banks with wall-wart spacing
- Linear Filtration
- Protect-or-Disconnect surge protection
- AVM Automatic Voltage Monitoring
- Reboot button
- Coaxial and ethernet signal-side protection
- Sleek design ideal for vertical mounting to an equipment rack with included brackets
- 8 foot power cord
- 15A Capacity with circuit breaker
- 3 Year Lmited Product Warranty & $5,000,000 Connected Equipment Protection Policy

MODEL: VT4315-PRO
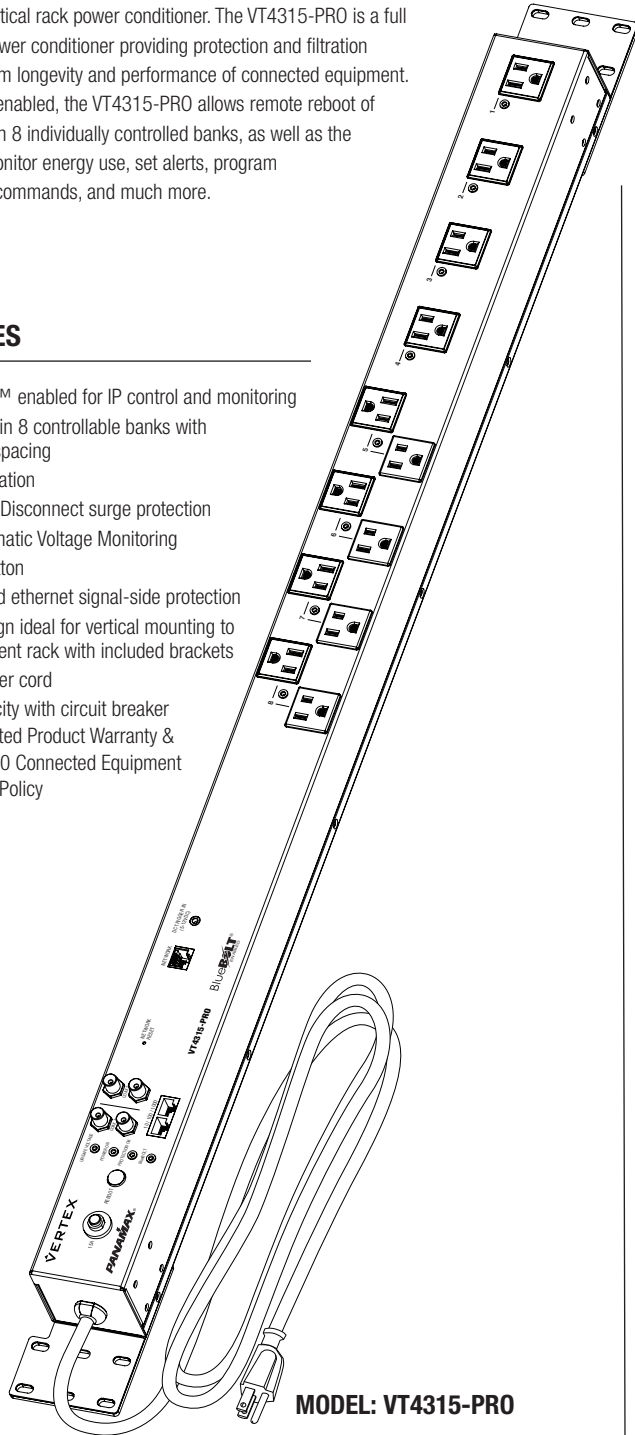
IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.

2. Keep these instructions.

3. Heed all warnings.

4. Follow all instructions.

5. WARNING: Do not use this apparatus near water. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

6. CAUTION - To reduce risk of shock - Disconnect VT4315-PRO from power source before servicing any equipment connected to VT4315-PRO.

7. Clean only with dry cloth.

8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatuses that produce heat.

9. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades, with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11. Only use attachments/accessories specified by the manufacturer.

12. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

13. Where the power cord is used as the main disconnect device, the disconnect device shall remain readily accessible.

14. This device must be connected to a main socket outlet with a protective earthing (ground) connection

IMPORTANT: You will need the VT4315-PRO's unique *MAC Address* and *Challenge Key* (provided with the 2 enclosed labels, one attached below). A third label is permanently adhered to the back side of the VT4315-PRO.

Attach MAC Address
Challenge Key label here.

Full instructions online at:
www.panamax.com / Products / A/V Components / VT4315-PRO / Manual

BEFORE YOU BEGIN UNPACKING

Inspect the unit upon receipt. In addition to this Quick Start Guide, MAC Address/Challenge Key labels and the VT4315-PRO, the box should contain the following accessories:

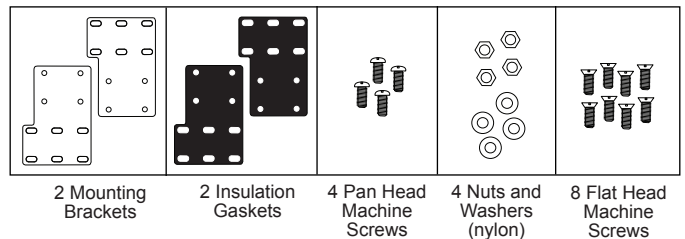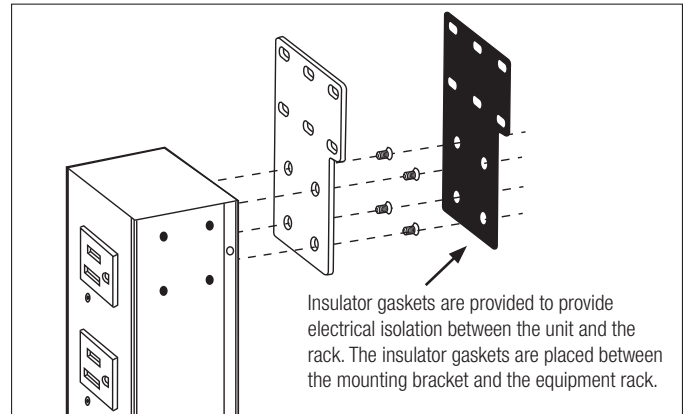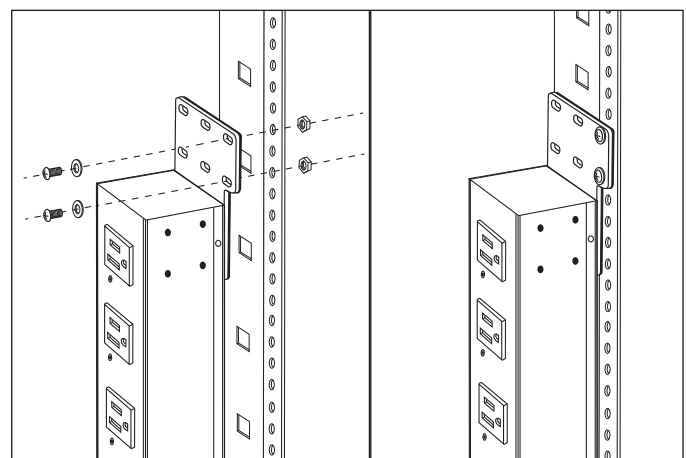| 2 Mounting Brackets	2 Insulation Gaskets	4 Pan Head Machine Screws	4 Nuts and Washers (nylon)	8 Flat Head Machine Screws

VT4315-PRO *Quick Start Guide*

MOUNTING

To get started determine the placement location for the VT4315-PRO to be mounted onto the equipment rack. Take into consideration space required for cords, plugs, wall-warts and transformers to be plugged into the VT4315-PRO. The VT4315-PRO has an eight foot long power cord to plug directly into a properly grounded wall outlet.
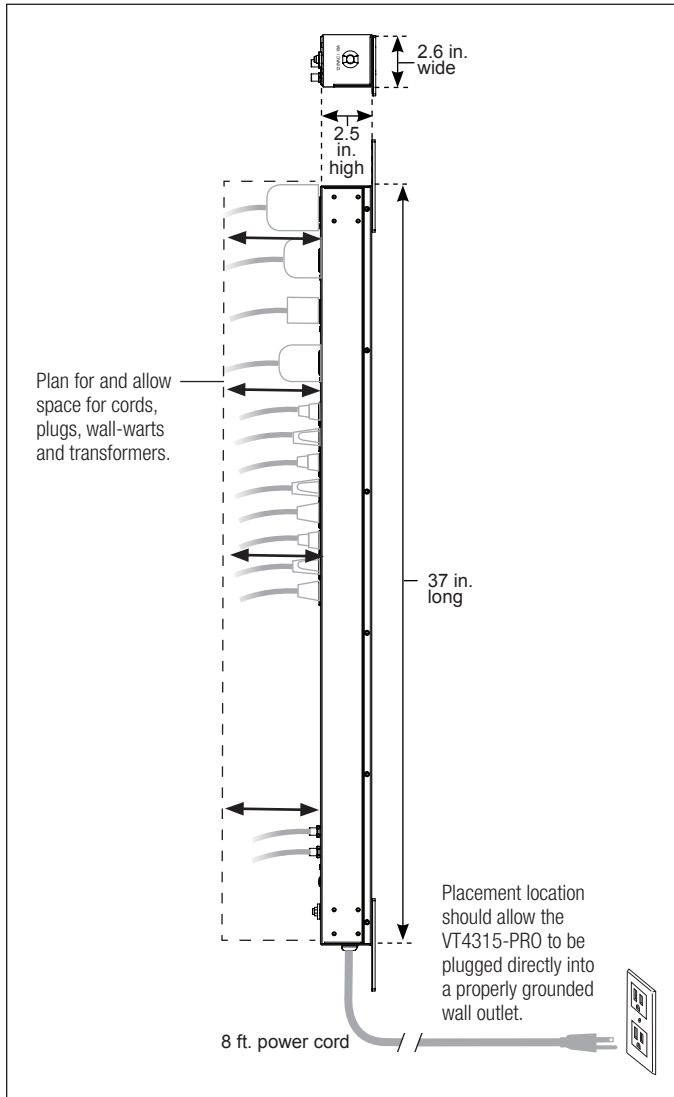
The enclosure includes screw-holes on both sides and back to install included mounting brackets (0.125 inch powder-coated steel) that secure the unit to the vertical posts of a standard equipment rack. The brackets are able to be attached to the enclosure in multiple directions in order to accommodate many different racks and positions.

2.6 in. wide

2.5 in. high

37 in. long

Plan for and allow space for cords, plugs, wall-warts and transformers.

Placement location should allow the VT4315-PRO to be plugged directly into a properly grounded wall outlet.

8 ft. power cord

Insulator gaskets are provided to provide electrical isolation between the unit and the rack. The insulator gaskets are placed between the mounting bracket and the equipment rack.

Use the eight flat head machine screws to at attach both brackets to the VT4315-PRO.


Use the 4 pan head screws, nuts and washers to mount the VT4315-PRO to the equipment rack.

Note: Turn off all the equipment being connected to VT4315-PRO until after all the connections, including AC, coaxial and signal lines are completed. It's recommended to turn the connected equipment back on sequentially one unit at a time.

BlueBOLT®

Your VT4315-PRO can be controlled and monitored from anywhere in the world using the BlueBOLT® cloud interface.

On-Line Registration – The VT4315-PRO is completely plug-and-play and does not require any software installation. The online BlueBOLT control interface is operated through an Internet web browser.
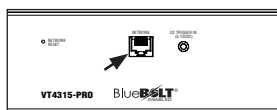
A. Using any Internet connected computer go to www.mybluebolt.com using a standard Internet browser.

B. Follow the on-screen prompts to add a Location, and then to add a Device. Note: MAC address information is included in the poly bag as well as on the bottom of the VT4315-PRO itself. It is recommended the spare MAC address labels be adhered to the unit or stored in a secure location as not to be misplaced.

C. Once you input the MAC address and included Challenge Key, if BlueBOLT cannot detect your device (please allow up to 20 seconds), please follow the on-screen trouble-shooting guide. Also confirm the VT4315-PRO is properly connected to your networking equipment.

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www.panamax.com

PRODUCT FEATURES

DETAILED VIEW

DC Trigger Input

Network Connector

Network Reset Button:

LAN Cat 5e:

Coaxial Protection

LED Indicators

Reboot Button

Circuit Breaker
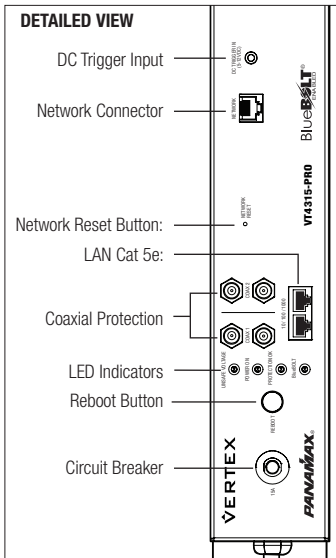
DC Trigger Input:
Connect to a remote trigger device that uses a DC output to trigger a start-up/shutdown sequence. 3.5mm mono jack, ± (5-24 VDC max) tip-ring.

Network Connector:
Connect an Ethernet cable between the NETWORK port and an Internet router or modem with an established Internet connection for remote control and monitoring.

Network Reset Button:
Press using a safety pin, ball point pen or other small object to reset connection to BlueBOLT cloud. Press for 10 seconds to restore factory default settings.
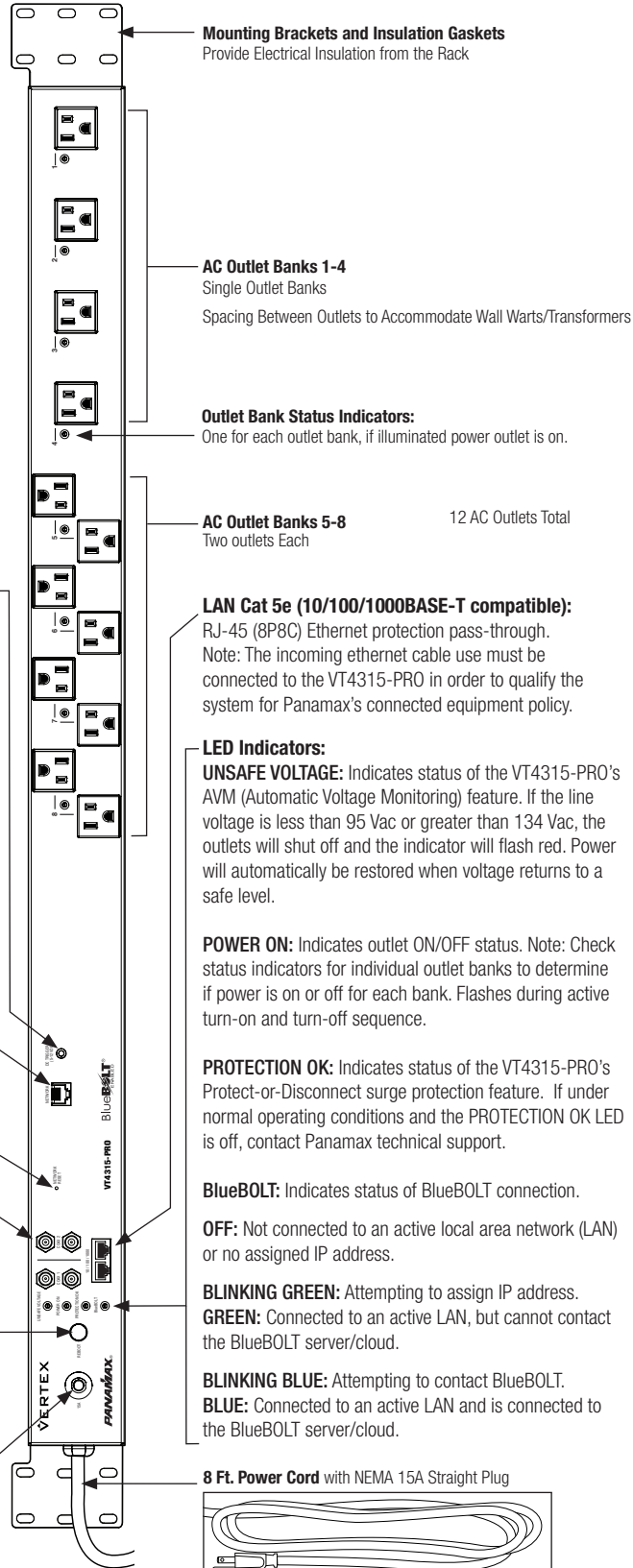
Coaxial Protection:
Provides two pairs of protection for coaxial (cable/satellite) signal lines. Universal voltage (±75V clamping), 4K ready, <0.5 dB @ 0 Hz – 3.0 GHz. Note: The VT4315-PRO's coaxial connectors are 4K/high bandwidth ready with minimal insertion loss. The incoming coaxial cables must be connected to the VT4315-PRO in order to qualify the system for Panamax's connected equipment policy.

Reboot Button:
Pressing this button will reboot all outlets on the VT4315-PRO. Press button for 10 seconds to turn all outlets on or off.

Circuit Breaker:
Automatically trips when the load exceeds 15 amps. Push to reset.

Mounting Brackets and Insulation Gaskets
Provide Electrical Insulation from the Rack

AC Outlet Banks 1-4
Single Outlet Banks
Spacing Between Outlets to Accommodate Wall Warts/Transformers

Outlet Bank Status Indicators:
One for each outlet bank, if illuminated power outlet is on.

AC Outlet Banks 5-8   12 AC Outlets Total
Two outlets Each

LAN Cat 5e (10/100/1000BASE-T compatible):
RJ-45 (8P8C) Ethernet protection pass-through.
Note: The incoming ethernet cable use must be connected to the VT4315-PRO in order to qualify the system for Panamax's connected equipment policy.

LED Indicators:
UNSAFE VOLTAGE: Indicates status of the VT4315-PRO's AVM (Automatic Voltage Monitoring) feature. If the line voltage is less than 95 Vac or greater than 134 Vac, the outlets will shut off and the indicator will flash red. Power will automatically be restored when voltage returns to a safe level.

POWER ON: Indicates outlet ON/OFF status. Note: Check status indicators for individual outlet banks to determine if power is on or off for each bank. Flashes during active turn-on and turn-off sequence.

PROTECTION OK: Indicates status of the VT4315-PRO's Protect-or-Disconnect surge protection feature. If under normal operating conditions and the PROTECTION OK LED is off, contact Panamax technical support.

BlueBOLT: Indicates status of BlueBOLT connection.

OFF: Not connected to an active local area network (LAN) or no assigned IP address.

BLINKING GREEN: Attempting to assign IP address.
GREEN: Connected to an active LAN, but cannot contact the BlueBOLT server/cloud.

BLINKING BLUE: Attempting to contact BlueBOLT.
BLUE: Connected to an active LAN and is connected to the BlueBOLT server/cloud.

8 Ft. Power Cord with NEMA 15A Straight Plug

TROUBLE SHOOTING

General Use:
My equipment doesn't turn on.
Make sure that the VT4315-PRO is plugged into a working AC outlet. Check all AC connections. Make sure VT4315-PRO and connected equipment are turned on. Confirm "POWER ON" and individual bank status LEDs are illuminated. If you are using the 12VDC trigger, make sure that the source is actually supplying the voltage needed to activate the VT4315-PRO. Check to see if the circuit breaker on the VT4315-PRO needs to be reset (press in).

The VT4315-PRO circuit breaker disconnects AC power from the connected equipment.
You have exceeded the ampere rating for your VT4315-PRO. As a temporary fix, disconnect one or more pieces of equipment. Ask you dealer about additional PANAMAX products that may be required.

There is no picture or sound on my TV.
Check the coaxial connections, making sure that they are correctly and securely installed. Ensure that the TV set is plugged into a powered AC outlet.
Check the appropriate connections to ensure that they are correctly and securely installed.

BlueBOLT/Network connectivity:
Check these steps when having issues with BlueBOLT connectivity:

Is the VT4315-PRO receiving power?
Check the power cable and confirm the unit is ON.

Is the BlueBOLT port on the VT4315-PRO connected to an active local area network with Internet connectivity?
Check the cables connecting VT4315-PRO to the router/switch, cables between the router/switch and modem and the cable connecting the modem to the incoming Internet data jack (coax or DSL)

Are the BlueBOLT Link and Activity lights on?
The "Link" light should be illuminated (solid green) and the "Activity" light should be blinking intermittently (green).

Is your Internet connection functioning?
Can you access a general web page through a web browser running on a computer connected to the same local area network?

If you have answered "Yes" to all of these questions and are still unable to connect the VT4315-PRO BlueBOLT, please contact Panamax customer service at 1-800-472-5555.

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WARRANTY INFORMATION

CAUTION! WARRANTY LIMITATION FOR INTERNET PURCHASERS
Panamax products purchased through the Internet do not carry a valid Product Warranty or Connected Equipment Protection Policy unless purchased from an Authorized Panamax Internet Dealer and the original factory serial numbers are intact (they must not have been removed, defaced or replaced in any way). Purchasing from an Authorized Panamax Internet Dealer insures that the product was intended for consumer use, has passed all quality inspections and is safe. Buying through auction sites or unauthorized dealers may result in the purchase of salvaged, failed and/or products not intended for use in the US. In addition, Authorized Panamax Internet dealers have demonstrated sufficient expertise to insure warranty compliant installations. For a list of Authorized Panamax Internet Dealers go to www.panamax.com

$5,000,000 Connected Equipment Limited Protection Policy*
All Panamax Warranties and Connected Equipment Policies are valid only in the United States & Canada.
*Full Warranty and policy Information available at www.panamax.com

Limited Three Year Warranty

What is Covered?

Core Brands, LLC ("CORE BRANDS") warrants to consumers who purchase this product that the product will be free from defects in materials and workmanship for a period of three (3) years from the date of purchase. It is not transferable.

If a defect exists, CORE BRANDS will have you ship the defective part or product to us and we will, at our option, either repair or replace it. This warranty does not cover the cost of labor to remove a defective part or product or to reinstall any repaired or replacement part or product.

This warranty does not cover defects or damages caused by improper handling, maintenance, storage, installation, removal or re-installation, misuse, non-factory authorized modification or alteration, use of incompatible accessories, impact by foreign objects, accident, fire, acts of God, normal wear and tear or shipping damage other than a shipment from CORE BRANDS.

Keep your original sales receipt as it will be required to obtain warranty service. This warranty shall not be extended or restarted upon receipt of any repaired or replacement part or product under this warranty. No person is authorized to extend or otherwise modify this warranty.

Limitations
THE DURATION OF ANY IMPLIED WARRANTY, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL NOT EXCEED THE WARRANTY PERIOD PROVIDED HEREIN.
Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

CORE BRANDS SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE BREACH OF ANY WRITTEN OR IMPLIED WARRANTY. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
This warranty gives you specific legal rights, and you may also have other legal rights which vary from State to State.

How do I Obtain Warranty Service?

Customers in the United States
To obtain warranty service, email our Returns Department at returns@corebrands.com. Include your name, address, telephone number, the model number of your product, a copy of your original sales receipt, and a description of the problem. Unless we need to discuss the situation further with you, you will be emailed a Return Authorization Number and shipping instructions. If we need to discuss the situation further with you, we will call or email you. CORE BRANDS may require troubleshooting on installed product before a Return Authorization Number is issued. Anything shipped to us without a Return Authorization Number will be automatically returned unopened. You are responsible for the charges for shipment to us.

Customers outside of the United States
For customers outside of the United States, you are required to address any warranty service requests to the dealer from which you purchased the Core Brands product or the distributor that supplied such product.

For purchasers whose warranty rights are governed by the consumer protection laws or regulations of a country other than the U.S., the benefits conferred by this warranty are in addition to any conferred by such other laws or regulations, and any limitations of rights stated in this warranty may or may not apply.

FEDERAL COMMUNICATIONS COMMISSION
INTERFERENCE STATEMENT
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Advanced Operation
Besides providing access to Panamax/Furman's hosted BlueBOLT platform, VT4315-PRO also supports the following networking protocols. Refer to the Advanced Networking section of the Links and Resources at www.mybluebolt.com.

UDP (Port # 57010) for machine-to-machine communication for interfacing to control and automation systems within the local network.

HTTP (web server at default port 80) for configuring the network settings for standalone "static IP address" operation.

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