VET Forced Air Animal Warmer with Remote Control

This device is designed for animal and pet warming use only. It is not for use in any human household or human medical application.

READ AND SAVE THESE INSTRUCTIONS
READ CAREFULLY BEFORE ATTEMPTING TO ASSEMBLE, INSTALL, OPERATE OR MAINTAIN THE PRODUCT DESCRIBED. PROTECT YOURSELF AND OTHERS BY OBSERVING ALL SAFETY INFORMATION. FAILURE TO COMPLY WITH INSTRUCTIONS COULD RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE!
RETAIN INSTRUCTIONS FOR FUTURE REFERENCE.
IMPORTANT INSTRUCTIONS

DANGER: TO REDUCE RISKS OF BURNS, ELECTRIC SHOCK, FIRE AND PERSONAL INJURY, THIS PRODUCT MUST BE USED IN ACCORDANCE WITH THE FOLLOWING INSTRUCTIONS

WARNING

- ANIMAL USE ONLY - DO NOT USE THIS WARMING SYSTEM FOR ANY HUMAN APPLICATION
- DO NOT USE FOR ANY HUMAN MEDICAL, OXYGEN OR WET ENVIRONMENT

1. Read all instructions before using this device. Use this device only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electrical shock, or injury to persons.

2. Do not operate device unattended. Turn off or unplug when not in use.

3. Make certain that the power source conforms to the electrical requirements of this device.

4. **DO NOT OPERATE MORE THAN ONE BEDJET ON SAME AC-POWER OUTLET WITHOUT ADJUSTING DUAL MODE SWITCH LOCATED ON REAR OF DEVICE TO “DUAL ZONE ON, LOW POWER” FOR REDUCED POWER**

5. This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature.

6. **DO NOT plug device into any other cord connected device, such as a power strip, surge protector, multiple outlet adapters or outlet-type air fresheners. The use of such devices may create a fire hazard. Plug unit directly into a wall outlet only.**

7. Always plug this device directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).

8. Do not operate this device with a damaged cord or plug or after the device malfunctions or has been dropped or damaged in any manner. Return device to authorized service facility for examination, electrical or mechanical adjustment or repair.

9. To disconnect device, make sure device is not currently operating in heat or cool mode, turn Power Switch to OFF, then remove plug from outlet.
10. Always unplug device when not in regular use. Unplug power cord before servicing or moving the device. WARNING: DO NOT DEPEND ON THE ON/OFF SWITCH AS THE SOLE MEANS OF DISCONNECTING POWER WHEN SERVICING OR MOVING THE DEVICE. ALWAYS UNPLUG THE POWER CORD.

11. Do not insert or allow fingers or foreign objects to enter any ventilation or exhaust opening as it may cause an electric shock, fire, or damage the device. Do not block or tamper with the device in any manner while it is in operation.

12. To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not place unit on soft surfaces, like a bed, where openings may become blocked.

13. Always place the device on a stable, flat, level surface when operating, to avoid the chance of the device overturning. Locate the power cord so the device or other objects are not resting on it. Do not run cord under carpeting. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.

14. This device has hot and arcing or sparking parts inside. Do not use the BedJet in areas where gasoline, paint, or flammable liquids or flammable gases are used or stored. It must NOT be used in potentially dangerous locations such as flammable, explosive, chemical-laden or wet atmospheres.

15. This device is not intended for use in wet or damp locations. This device is NOT INTENDED for use in bathrooms, laundry areas and similar indoor locations. Never locate the device where it may fall into a bathtub or other water container. Do not immerse BedJet in water.

16. This device is not intended for use as a room air heater.

17. Do not use device outdoors.

18. Keep the cord away from heated surfaces.

19. Do not operate where aerosol (spray) products are being used or in oxygen rich environments.

20. Check your BedJet cord and plug connections:
   a) Faulty wall outlet connections or loose plugs can cause the outlet or plug to overheat. Be sure the plug fits tight in the outlet.
   b) Heaters draw more current than small appliances, overheating of the outlet may occur even if it has not occurred with the use of other appliances.
   c) During use check frequently to determine if your plug outlet or faceplate is HOT!
   d) If so, discontinue use of the heater and have a qualified electrician check and/or replace the faulty outlets.
21. CAUTION — Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.

22. Heater must not be located immediately below a socket outlet.

23. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

WARNING: REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK – DO NOT USE THIS DEVICE WITH ANY SOLID STATE SPEED CONTROL DEVICES.

SAVE THESE SAFETY INSTRUCTIONS

MANUFACTURER INFORMATION:

BEDJET LLC
217 Goddard Row
Newport, RI 02840 USA
Phone: +1-401-404-5250
Email: info@bedjet.com
Pre-Installation Checklist

Before attempting installation of the BedJet, please verify the following parts list from your boxed BedJet package:

Air Hose with fabric liner, stretchable, compressible and bendable

BedJet VET and pre-installed HEPA filter

Radio wireless remote control with A23 alkaline battery

Proper Assembly Required:
All parts included are required to be fully assembled and installed onto the BedJet as part any operation. Do not operate the BedJet without the included Air Hose. Do not attempt to use the BedJet with air delivery accessories or air delivery components not approved or supplied by BEDJET LLC.
System Operation

*Power Switches:*

- **Main power switch** is located on rear of unit, directly below power cord. Switch unit on and wait 3 seconds. The unit will beep once and orange power light on BedJet display will light indicating ready for operation status.

- **Power limiter switch** is located on rear of unit on right side. Under normal use this switch should be set to HIGH POWER: 1500W setting. Setting this switch to LOW POWER: 800W will software limit the maximum power of the BedJet Veterinary unit to approximately 800 watts. Use the LOW POWER setting only if two BedJet units are plugged into the same outlet or other high power devices are connected to the same outlet causing concerns about electrical outlet overloading.

*BedJet VET Wireless Remote Control:*

All BedJet Veterinary operating modes are activated via the Wireless Remote Control or a Bluetooth connected smartphone or tablet using the BedJet Veterinary App. There are no exterior buttons located on the BedJet base unit for manual operation. The BedJet system beeps once to acknowledge any ON commands and twice to acknowledge any OFF commands from the remote.
BEDJET REMOTE CONTROL SYNC TO BEDJET: The wireless remote control needs to be paired to your BedJet in order to correctly operate. This is normally done at the factory prior to delivery. If BedJet is powered on (verified by Power LED on BedJet display) and wireless remote control buttons are pressed (verified by LED indicator on remote) but the BedJet does not activate, then re-pair the remote control to BedJet with the following procedure:

To pair your remote control to your BedJet, make sure BedJet is powered OFF for 10 seconds. Turn BedJet switch ON while simultaneously pressing and holding the COOL Button on remote control until BedJet Power ON indicator lights. BedJet will make 3 fast beeps to indicate successful pairing to remote. Only one remote can be paired to a BedJet base unit at any given time. The pairing is permanent until a new remote control is paired.

BedJet VET Status Display:

Regular Display Messages:

- Power LED ON = System ready
- Heat Mode LED ON = Unit within 1.5°C of temperature set point
- Heat Mode LED Blinking = Unit still adjusting to reach temperature set point

Problem Display Messages:

- Power LED Blinking & 5 Beeps = System fault code, error or over temperature. Unit will not be operational until powered off. If problem returns consult BedJet technical support.
- Air Flow Green LED Indicator is Rolling & Beeping = HEPA filter has reached 400 hours accumulated operation, replace and reset HEPA filter hour counter (see page 11)
BedJet VET Operating Modes:

**Note: Standard operating functions are supported by the Wireless Remote Control. Utilize the Bluetooth linked BedJet Veterinary App from your smartphone or tablet computer to unlock advanced features.**

- The BedJet main power switch (under the power cord) must be turned ON for the remote control to operate the BedJet. Once the power switch is ON, the BedJet will beep once and orange Power ON LED will light to indicate successful boot-up of the internal microcontroller. The BedJet is now in standby mode ready to take commands from the remote.

- Activate the BedJet by pressing the desired temperature mode button on the remote once. A single beep confirms an ON command.

- Deactivate BedJet into standby by pressing the same temperature mode button again. A double beep confirms a mode OFF command.

- While active in any given heating/cooling mode, pressing a different mode button will switch heating/cooling modes without shutoff of the BedJet. The BedJet will beep once to indicate the mode change.

- Adjust the Air Flow using the “+” or “-” buttons on the remote to increases or decreases the heating/cooling power to the warming blankets. The BedJet will beep once for each increase/decrease. Press and hold the buttons for rapid increase or decrease.

- Press the Shutoff Timer Advance button to increase the time left on the auto-shutoff function above the default time settings (see table below).

- Press the Mute button on remote control to silence all beeps. Press again to reactivate beep acknowledgement of remote commands.
## Operating Mode Summary

<table>
<thead>
<tr>
<th>Mode</th>
<th>BedJet Display LED</th>
<th>Air Output Regulated Temperature</th>
<th>Auto-Shutoff Time Default</th>
<th>Shutoff Time Increase Remote Button</th>
<th>Max. Auto-Shutoff Time Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Heat</td>
<td>43°C</td>
<td>109 °F 43 °C</td>
<td>30 Minutes</td>
<td>+15 minutes</td>
<td>4 Hours</td>
</tr>
<tr>
<td>Medium Heat</td>
<td>40°C</td>
<td>104 °F 40 °C</td>
<td>30 Minutes</td>
<td>+15 minutes</td>
<td>4 Hours</td>
</tr>
<tr>
<td>Custom Heat*</td>
<td>40°C</td>
<td>86 to 104 °F 30°C to 40 °C</td>
<td>30 Minutes Hours</td>
<td>+15 minutes</td>
<td>4 Hours</td>
</tr>
<tr>
<td>Cool</td>
<td>Room temperature</td>
<td>1 hour</td>
<td>+30 minutes</td>
<td></td>
<td>12 hours</td>
</tr>
</tbody>
</table>

### HEATING MODES: IMPORTANT NOTES

Regulated Air Output Temperature is +/- 1.5°C at end of hose. Basic heat mode functions are available via the wireless remote control. Advanced heat mode functions can be accessed via the BedJet Bluetooth smart remote App including.

**Bluetooth Smart Remote App: USE THE APP & UNLOCK ADVANCED FUNCTIONS NOT AVAILABLE WITH STANDARD WIRELESS REMOTE**

The BedJet comes standard with integrated Bluetooth 4.0 for connection to Android and iPhone smart devices (smart phones and tablet computers). The BedJet Smart Remote App provides more intelligent remote control capabilities than the standard wireless remote.
These include:

- Measured temperature display
- One-touch memory functions
- Customizable heat temp feature – no more limitations to just high, medium or low heat, select any temperature between
- Visual display of remaining auto-shutoff time and easy shut-off time settings
- Service hours remaining before HEPA filter recommended replacement
- Lifetime operating hours on machine

**Android Instructions:**
Download the BedJet VET app from the Google Play Store, search under “VET Warmer”. Do not download the regular BedJet app, this is for a different product and will not work with the BedJet Vet Model 122NA. Once the BedJet is powered on, run the BedJet App and press the blue window on the bottom left of main screen that says “Pair”. On following screen press Search, the local BedJet device should show up on the list. Press the device ID and the pairing should begin. The Bluetooth symbol on the BedJet Status Display will light once the Bluetooth link is active with your smart device.

**iOS (iPhone, iPad, iPod Touch): IMPORTANT INSTRUCTIONS IN BOLD**
Download the BedJet VET app from the iTunes Store, search under “VET Warmer”. Do not download the regular BedJet app, this is for a different product and will not work with the BedJet Vet Model 122NA. Once the BedJet is powered on, run the BedJet App and press the blue window on the bottom left of main screen that says “Pair”. On following screen press Search, the local BedJet device should show up on the list. Press the device ID and the pairing should begin. The Bluetooth symbol on the BedJet Status Display will light once the Bluetooth link is active with your smart device. **FOR APPLE PRODUCTS, PAIRING TO THE BEDJET MUST BE DONE THROUGH THE APP, THE BLUETOOTH CONNECTION WILL NOT PAIR IF YOU TRY TO CONNECT THROUGH THE BLUETOOTH SYSTEM GENERAL CONTROL PANEL.**
Maintenance

The only maintenance required for the BedJet is periodic replacement of the HEPA filter and periodic cleaning of the washable HEPA pre-filter.

HEPA PREFILTER CLEANING: Clean the HEPA lifetime washable pre-filter every 2 months or when visually dirty. Press the round BedJet logo on top of the BedJet unit and pull air intake grill open to access filter, remove the black mesh filter from HEPA filter (it is attached to front of) HEPA filter with Velcro) and clean under running water. Reinstall filter when dry and close the air intake grill until it snaps back in place.

HEPA FILTER REPLACEMENT: The HEPA filter is recommended to be replaced every 400 hours or every 6 months of regular use. The BedJet contains a HEPA filter service clock. At 400 hours the BedJet will give a service alarm notification via rolling green LED on the air flow indicated accompanied by beeping when in standby.

HEPA FILTER SERVICE ALARM RESET: Turn BedJet off. Hold down the hourglass button on the remote control while simultaneously turning the BedJet on. Continue holding hourglass button down on remote until BedJet power light indicator comes on. HEPA filter service alarm should now be reset for an additional 400 hours. The service alarm can also be reset from the Bluetooth App.

Press logo button to release front air grill for easy access to HEPA pre-filter and filter
Thermal Safety

The BedJet VET includes the most robust set of redundant safety features of any forced air animal warmer unit currently on the market to prevent unintentional overheating. These features include:

- Easily set Auto-shutoff times from 30 minutes to 4 hours
- Dual temperature sensors with microprocessor monitoring for error check - sensors are averaged for temperature readings and must agree with each other or the system will log a fault and shut down
- Unique and patent pending 3-stage microprocessor monitored overheat protection that will shut down heat under the following out of specification over-temperature situations:
  - Air exhaust measured at > 46°C for 120 seconds
  - Air exhaust measured at > 53°C for 12 seconds
  - Air exhaust measured at > 55°C for 1 second
- Mechanical thermostatic overheat switch located in air exhaust that will shut off power to the heater as redundant safety feature to microprocessor monitoring failure

Specifications

- Power Rating: 1500 watts
- Heating Element Rating: 1400 watts
- Amp Rating: 12.8 Amps for Model 1222NA, 6.4Amps for Model 2222EU
- Air Filter Type: .3µ replaceable
- Thermal Sensors: 2, dual redundant with microprocessor error checking
- Temperature Regulation Accuracy: ±1.5 °C (as new)
- System Time to 38°C: 12 seconds
- Dimensions: 16.5” x 12” x 6.5” high (not including hose outlet)
- Weight: 9 lbs. not including hose
- Hose length: 45” (hose extensions available)
- Recommended filter change: 6 months or 400 hours
- Remote Control Battery Type: 23A (or A23) alkaline
Certifications

The BedJet VET has been designed to operate as a safe forced air heating extension for animal beds. This product has been rigorously tested by an accredited 3rd party testing lab to be qualified as a safe electric appliance. The BedJet complies with the following safety and product standards:

- Underwriters Laboratories 499 (BedJet VET Model 1222NA)
- Canada CSA Standard 22.2 No 64 (BedJet VET Model 1222NA)
- CE (BedJet VET Model 2222EU)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
Troubleshooting

Use this guide to address problems with your BedJet Product. If problems cannot be resolved, please contact Customer Service at info@bedjet.com or +1.401.404.5250. Do not return any product requiring service without first obtaining Return Authorization Number (RMA) and shipping instructions.

**BedJet Audible Notifications – What does the BEEP mean?**

<table>
<thead>
<tr>
<th>Issue</th>
<th>Indication</th>
<th>Recommendation</th>
</tr>
</thead>
</table>
| 1 Beep | • BedJet switched on  
• Cooling/heating mode ON command received from the remote control or App  
• Air Flow increase/decrease command received from remote control or App | • This is normal operation |
| 2 Beeps | • Cooling/heating mode OFF command received from the remote control or App | • This is normal operation |
| 3 Beeps | • Remote control learning/pairing function has been successfully accomplished | • This indicates successful learning/pairing of a remote control to the BedJet  
• Remote control has not been learned if 3 beeps are not made |
| 5 Beeps | • A system monitoring error has occurred  
• The BedJet will be non-functional until resolved | • See diagnostic table below |
## Diagnose & Fix

<table>
<thead>
<tr>
<th>Issue</th>
<th>Possible Causes</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remote control will not operate BedJet</td>
<td>• Dead battery in remote&lt;br&gt; • Remote control has a unique code identifier and may need to be re-paired to your BedJet</td>
<td>• Make sure remote control LED lights when button pressed, if not then replace battery&lt;br&gt; • Re-pair remote control to BedJet with learning function on page 6</td>
</tr>
<tr>
<td>Remote control commands are not acknowledged with a beep anymore</td>
<td>• Beeper mute may have been accidentally turned on</td>
<td>• Press Mute button on remote control to unmute beeper</td>
</tr>
<tr>
<td>BedJet keeps shutting off without a shutoff command being given or beep; BedJet POWER LED is ON and NOT flashing and BedJet can be restarted normally.</td>
<td>• This is normal. Once turned on, every mode has an automatic shutoff timer. Please see page 9 for these auto-shutoff time limits.</td>
<td>• Shutoff Timer can be advanced within certain limits using timer advance button</td>
</tr>
<tr>
<td>BedJet Power LED is flashing and unit will no longer operate, BedJet beeps 5 times</td>
<td>• The BedJet microprocessor has discovered a monitoring error within the system. This does not always mean your BedJet is malfunctioning and typically may occur if you rapidly change modes or airflow while at the same time obstructing inlets or outlets.&lt;br&gt; • Over-temperature problem</td>
<td>• Check to make sure air filter is clean and there are no air inlet or outlet obstructions&lt;br&gt; • Shut the BedJet off for 10 seconds and restart. Run in cool mode for 2 minutes and then retry heating mode. If this does not solve the problem, or if the problem occurs again, contact BedJet support and record the number of flashes from the Power LED.</td>
</tr>
<tr>
<td>BedJet Heat delivered warm air but then while still in heat mode is blowing cold air</td>
<td>• In addition to real time microprocessor control of the heat, the BedJet contains multiple mechanical thermal overheat switches for your protection. They are extremely sensitive and may have disabled the heater unit. They are self-resetting but remain open until power is removed and the unit is allowed to cool off. They may have been triggered by inlet or outlet blockages.</td>
<td>• Switch off BedJet. Switch back on and turn on cooling mode for 2 minutes. Attempt to operate the system in heat mode again.&lt;br&gt; • Check air filter to make sure it is clean, make sure there are no inlet or outlet obstructions&lt;br&gt; • If this does not solve the issue, contact BedJet support.&lt;br&gt; • If the above solves the issue but the problem repeats again later then contact BedJet support</td>
</tr>
</tbody>
</table>
Warranty

BEDJET LLC gives to the original purchaser (“the purchaser”) of a new BedJet VET (“the product”) this limited express warranty which covers any defects in materials or workmanship in the product under normal use. Except for this limited express warranty and any implied warranties under applicable law, BEDJET LLC makes no express or implied representations or warranties, either in this document or in any of its instruction manuals, product packaging, or other materials accompanying or used in conjunction with sale or marketing of the product.

DURATION OF WARRANTY

This limited express warranty, and any implied warranties (including implied warranties of merchantability and fitness for a particular purpose) on the product will be for two (2) years from the documented date of purchase, as noted below. Coverage terminates if the purchaser sells, disposes of, or otherwise transfers the product.

1. During year one (1) following the documented date of purchase, BEDJET LLC will repair or replace any product or part(s) that are defective in either materials or workmanship to include parts, labor, and delivery back to the purchaser at the expense of BEDJET LLC. Delivery charges are covered under this warranty only for the continental United States.

2. During year two (2) following the documented date of purchase, BEDJET LLC will repair or replace any product or part(s) that are defective in either materials or workmanship to include parts and labor at the expense of BEDJET LLC. Return delivery to the purchaser will be billed to the purchaser at actual shipping cost. Payment for shipping must be made at time of issuance of Return Authorization Number.

EXCLUSIONS OF COVERAGE

This limited express warranty is conditioned upon proper use of the product by the purchaser. Any problem with the product that is caused by abuse, misuse, and operation contrary to or inconsistent with the written instructions or an act of God (such as a flood) is not covered. BEDJET LLC does not have any obligations if our inspection reveals that the product has been altered, modified, damaged, subjected to or involved in an accident, disassembled, repaired or attempted to be repaired by someone other than us, or used in a manner inconsistent with its intended purpose.

Indirect, special, incidental or consequential damages (including any lost revenues, loss of use or lost profits) are not recoverable under the warranty, or with respect to the sale or use of the product. In no event will our entire liability to you exceed the purchase price actually paid by you for the product, or any defective portion thereof, whichever is less. This limitation does not apply to any claims for personal injury. Also, because some states do not allow, or restrict, limitations of incidental or consequential damages, some or all the foregoing may not apply to you.

What Are Your Rights Under State Law and Other Considerations?

This warranty, and any unresolved claims and disputes between you and BEDJET LLC shall be governed by and subject to the laws (exclusive of conflict-of-law provisions) of the State of Rhode Island, which shall also be the exclusive venue and jurisdiction for all such claims and disputes. All claims against BEDJET LLC must be brought within three (3) months from the time they arise. As some states do not allow, or restrict, limitations on how long an implied warranty lasts, some or all of the foregoing may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state. Other than as expressly set forth above, BEDJET LLC does not authorize any agent or representative to assume any obligation or liability hereunder.

IF YOU DO NOT AGREE WITH THE ABOVE TERMS YOU MAY RETURN YOUR PRODUCT FOR A FULL REFUND WITHIN 1 WEEK AFTER PURCHASE.