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Feel the drive

Webasto Product N.A., Inc.
Product Registration
15083 North Road
Fenton, MI 48430
USA

Webasto
Feel the drive

BlueHeat *Coolant Heater*

Car and Light Truck Auxiliary Heater

Owner's Manual

Includes Digital Timer Model 1533 User Instructions



Product Registration Card

Name: _____
Address: _____
City: _____ State/Prov.: _____ Zip/PC: _____
Country: _____
Date of Purchase: _____
Product Serial Number: _____
Vehicle Make: _____ Model: _____
Vehicle Year: _____ Vehicle Mileage: _____

Please detach and mail to register your new Webasto Blue**Heat** Heater.
By registering your product, Webasto will keep you updated on new products, product enhancements, accessories and warranty information. Thank you for your business.



Feel the drive

Operating Instructions - BlueHeat

Congratulations on the purchase of your Webasto BlueHeat Heating System. You have purchased a product that has been engineered and manufactured to the highest quality standards in the industry. Your Webasto BlueHeat heater is a state of the art supplementary heating system that will preheat the engine and passenger compartment of your vehicle while aiding in defrosting your windows for clear vision. No more endless idling, freezing while the engine warms, or dangerous ice-covered windshields. Preset the timer for up to one hour in advance of your arrival and step into a pre-heated vehicle for a cozy, comfortable start to your journey.

Please take a few minutes to read this manual to become familiar with the operation of your Webasto Heater.



WARNING

To Prevent Asphyxiation: DO NOT operate heater while in confined spaces such as closed, unventilated garages! Open an outside garage door before operating the heater.

To Prevent Fire: DO NOT operate heater where flammable or explosive materials, gases or dusts may be present. DO NOT operate heater over dry grass or other dry ground cover. Switch heater off while refueling vehicle! Switch heater off BEFORE entering fueling stations!

To Prevent Burning: NEVER touch hot components of the heating system!

Setting the Vehicle Climate Controls

Always make adjustments to vehicle climate controls with the engine running. After settings are made, allow the engine to run for 10 seconds before switching off.

NOTE:

Prior to switching on the heater, the vehicle's heater temperature control must be set to "maximum heat" and air outlet should be set to "defrost."

In the case of 3-speed blower fans, the vehicle's blower fan is to be set to the 1st position (Low), in the case of 4-speed blower fans to the 2nd position (Med. Low).

In the case of variable speed fans, adjust to approximately 1/3 of fan capacity.

Operation using the 24 Hour Digital Timer

The time for starting heating operation can be preset precisely anywhere between "1 minute" and "24 hours." Three starts can be programmed, but only one can be activated.

The heating duration time can be programmed as desired between 10 minutes and 60 minutes. The default heating duration time setting is 30 minutes.

IMPORTANT!

To ensure adequate battery recharge time, the vehicle should be driven or run an accumulated time equal to the total runtime of the heater. Example: With a driving time of approximately 20 minutes (one way), we recommend setting an operating time of 20 minutes.

Webasto Product N.A., Inc.

Technical Assistance Hotline

USA: (800) 555-4518

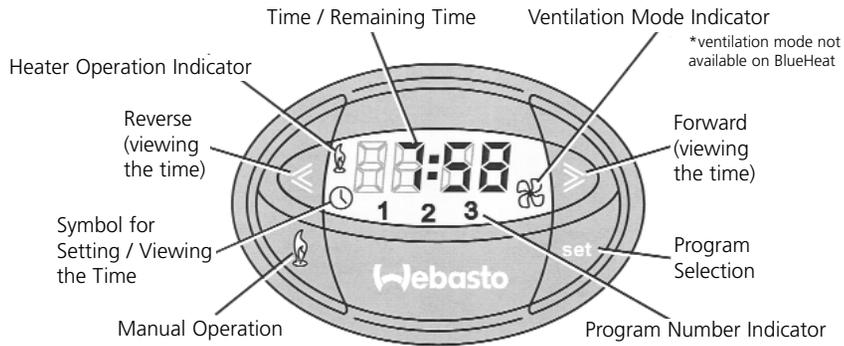
Canada: (800) 667-8900

www.webasto.us



Programming the 24 Hour Digital Timer with 3 Time Settings

NOTES



Operation.

Operation of the timer is designed so that the symbols flash rapidly in the setting mode. If no button is pressed within 5 seconds, the displayed time will be saved.

The display changes at high speed when the \ll and \gg buttons are pressed for more than 2 seconds.

Whenever the power supply to the timer is disconnected, all previously programmed settings will be lost.

Switching On.

Manually: by pressing the "Manual Operation"  button (continuous heating mode).

The heating time and the symbol for heating operation  are displayed.
The heating time display disappears after 10 seconds.

Automatically: upon reaching the preset starting time for heating.

The program number and the symbol for heating  are displayed.

Switching Off.

Manually: by pressing the "Manual Operation"  button.

Automatically: via the programmed end time.

The display field goes out when the heating time expires.

Setting the Time.

This function is not available when heating mode is active!

Press and hold the **set** button. Press the "Forward" \gg or "Reverse" \ll button as well.

The time of the day is displayed and the clock symbol  flashes.

Set the time via the "Forward" \gg or "Reverse" \ll buttons.

The set time is saved when the display goes out or by pressing the **set** button.

Viewing the Time.

Press the "Forward" \gg or "Reverse" \ll button.

NOTE:

The remaining operating time is displayed if heating mode is active.

LIMITED CONSUMER WARRANTY - BlueHeat HEATER

Webasto Product North America (WPNA) provides a limited (2) two year consumer warranty to the original purchaser commencing on the date of purchase. This limited warranty covers parts and labor on all components of the BlueHeat auxiliary heater against defective materials or workmanship. Damages are limited to repair or replacement of the heater and must be performed by a WPNA Authorized Sales and Service center.

Proof of original purchase, and date of installation are required to receive limited consumer warranty service.

This warranty applies only when the BlueHeat heater has been installed in accordance with WPNA installation instructions, by an Authorized Sales and Service Center. Transportation costs are the responsibility of the owner.

All obligations of WPNA under this warranty shall be terminated if:

Malfunction or damage is caused by rough handling, incorrect use, vandalism, accident, improper installation or application, adjustment, modification, alteration, unauthorized repair or service, acts of God such as lightning, careless handling, physical abuse to, or misuse of the BlueHeat heater.

To submit a claim per the provisions stated in this limited consumer warranty, contact the WPNA Authorized Sales & Service Center that installed the heater or the nearest Authorized Sales & Service Center. To locate the nearest Authorized Sales & Service Center, call: 1-800-337-6731 or log on to our web site at: www.webasto.us

WARRANTY LIMITATIONS AND EXCLUSIONS

WEBASTO PRODUCT NORTH AMERICA, INC. MAKES NO OTHER WARRANTY OF ANY KIND WHATEVER, EXPRESSED OR IMPLIED; AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH EXCEED THE ABOVE STATED OBLIGATIONS ARE DISCLAIMED BY WEBASTO PRODUCT NORTH AMERICA, INC. AND EXCLUDED FROM THIS AGREEMENT.

This limited consumer warranty is void if the owner fails to promptly complete and submit the product registration card (back page of this booklet).

This limited consumer warranty gives purchasers specific rights. The purchaser may also be entitled to other rights which vary from state to state. Some states may not permit Webasto to limit the duration of implied warranties or the recovery of consequential damages.

Webasto does not authorize any person to create for it other obligation or liability in connection with its heater. This document contains the entire limited consumer warranty, merging and integrating all related terms and conditions.

ARBITRATION CLAUSE

Any controversy or claim arising out of or relating to this limited warranty or breach thereof shall be settled by arbitration, administered by the American Arbitration Association in the state of Michigan in accordance with the Commercial Arbitration Rules of the American Arbitration Association and judgment on the award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof.

Programming the 24 Hour Digital Timer with 3 Time Settings Continued:

Program Start of Heating.

Press the **set** button. Press the "Forward" \gg or "Reverse" \ll buttons within 10 seconds until the required time for starting heating operation is displayed.

If a different program number is required, the **set** button must be pressed within 10 seconds.

Default start settings:

Time 1: 06:00 hours or 6:00 am

Time 2: 16:00 hours or 4:00 pm

Time 3: 22:00 hours or 10:00 pm

NOTE:

The default settings are overwritten when new values are entered. The preset times are saved until changed. The default settings are restored when the timer is disconnected from the on-board power supply.

Deactivate Preset Time.

Briefly press the **set** button.

Select Preset Time.

Press the **set** button within 10 seconds until the program number with the required preset time is displayed. The active mode (heating \heartsuit) and the program number flash.

Set Heating Duration Time.

Press and hold the **set** button. Press the "Forward" \gg or "Reverse" \ll button as well. Release both buttons. The time and clock symbol \odot are displayed.

Press and hold the **set** button again. Press the "Forward" \gg or "Reverse" \ll button as well. Release both buttons. The preset time is displayed and the heating symbol \heartsuit and ventilation symbol ⌘ flash. Set the heating time via the "Forward" \gg or "Reverse" \ll buttons. The set heating time is saved when the display goes out or by pressing the **set** button.

NOTE:

The default settings are restored when the timer is disconnected from the on-board power supply. In this case, the timer will revert to the default heating duration time setting of 30 minutes.

Set Remaining Time.

The active remaining time can be changed between 10 minutes and 60 minutes via the "Forward" \gg or "Reverse" \ll buttons when heating mode is active.

*Changing the Operating Mode.

NOTE:

Ventilation mode is not available on the BlueHeat heater. The ventilation mode is only available with certain heater versions. This information is provided in the event mode of operation is inadvertently changed.

Press the **set** button. Press the **set** button again and hold it.

The last mode (heating \heartsuit or ventilation ⌘) is displayed. Press the "Forward" \gg or "Reverse" \ll button as well to change back and forth between heating \heartsuit or ventilation ⌘ mode.

Remote Activation with Optional Remote Control System

Operation

The remote, when activated, will provide a heating cycle for one hour or ventilation, when activated, (vehicle blower only) for one hour. The remote transmitter has a deactivation (Off) function to turn off the heat or vent cycle manually if desired.

Setting HVAC Controls for Winter Operation

In many installations it will be necessary to set the vehicle's heating control to low fan, maximum heat position and to defrost before leaving the vehicle.

Setting HVAC Controls for Summer Operation

It will be necessary to set the vehicle's heating control to low fan, maximum cool position and to defrost before leaving the vehicle.

Switching On - Heating Mode

Press '🔥' button for one second

Switching On - Ventilation Mode

Press '🌀' button for one second

Switching Off in Both Modes

Manually – Press the 'OFF' button for one second
Automatically – After one hour of operation has elapsed

NOTE:

The LED (red) will illuminate whenever a button is pushed.

ATTENTION!

Anytime the heating or ventilation mode is re-activated (button repeatedly pushed after the original start) the operation time will reset to 1-hour. Continuous re-setting of the one hour run time may discharge the vehicle battery thus preventing the start of the engine in cold climates.

ATTENTION!

For optimum heating performance, when leaving the vehicle, prior to remote start of the heater, set the vehicle controls to maximum heat, air outlet to defrost and blower speed to the low speed position.

ATTENTION!

For optimum ventilation performance, when leaving the vehicle, prior to remote start of the ventilation, set the air outlet control to defrost and blower speed to medium position.

Technical Information

Battery Type: CR2032

Transmitter Range: Antenna installed on front windshield, 400 feet in open area (no RF interference)

Maintenance and Troubleshooting Information

Your Webasto heater requires no periodic maintenance other than a visual inspection preferably prior to the heating season, by an Authorized Webasto Sales & Service Center to ensure the heater and all components are free from damage and in proper working condition.

During the warmer months of the year when heating is not required, the heater should be switched on and allowed to run for 5 to 10 minutes once a month as a minimum. This will keep a clean, fresh supply of fuel in the heater fuel system and keep all moving parts in top operating condition.

Fault Lock-out Deactivation

Interrupt power supply by removing the 20A fuse at the heater fuse block cluster. Wait 3 sec. Reinstall the fuse. Press the ON (🔥) button on the digital timer. Wait 3 sec. Interrupt power supply by removing the 20A fuse at the heater fuse block cluster. Wait 3 sec. Reinstall the fuse. Heater will be turned on.

NOTE:

The heater will start operating as soon as the fuse is replaced!

Troubleshooting

In the event of a malfunction, contact your nearest Authorized Webasto Sales & Service Center or the Webasto Customer Service Hotline toll free at:

1-800-555-4518 (U.S.A.)

or

1-800-667-8900 (Canada)

Emergency Shut-Off Instructions

Shut off by removing the fuses located on the power harness or fuse block. There is a separate fuse block for the Webasto pre-heater. Call the Webasto Customer Service Hotline for assistance, or contact your nearest Authorized Webasto Sales & Service Center.

