

HFT 64533

HFT 20V Cordless/12V DC Inflator/Deflator User Manual

Model: 64533

INTRODUCTION

This HFT 20V Cordless and 12V DC Inflator/Deflator is designed to provide powerful and portable inflation and deflation capabilities. It features a high output pressure of up to 160 PSI, allowing for quick inflation of most tires in under two minutes. Its high volume air output is ideal for rapidly inflating large items such as air mattresses and pool floats. The digital pressure readout with an automatic shut-off function to prevent over-inflation, ensuring precise and safe operation. A built-in storage compartment keeps all accessories organized and readily accessible.



Figure 1: HFT 20V Cordless/12V DC Inflator/Deflator with its accompanying tool bag.

KEY FEATURES

- **Dual Power Options:** Operates on a 20V cordless battery (not included) or via a 12V DC car power outlet.
- **High Pressure Output:** Delivers up to 160 PSI for efficient tire inflation.
- **High Volume Output:** Quickly inflates and deflates large inflatable items.
- **Digital Pressure Readout:** Provides accurate pressure monitoring.
- **Automatic Shut-off:** Prevents over-inflation by stopping at the preset pressure.
- **Integrated Accessory Storage:** Convenient compartment for nozzles and the 12V cord.
- **Bright LED Light:** Illuminates the work area for improved visibility.
- **Lightweight and Compact Design:** Ensures portability and easy storage.

PACKAGE CONTENTS

Verify that all items are present upon unboxing:

- HFT 20V Cordless/12V DC Inflator/Deflator Unit
- Tool Bag
- High Pressure Hose
- Low Pressure Hose
- Ball Adapter
- Air Bed Adapter
- Tire Adapter
- 12V DC Power Cord (integrated)

SETUP

1. Powering the Unit

The inflator/deflator offers two power options:

- **20V Cordless Operation:** Insert a compatible 20V Bauer-style battery (not included) into the battery slot located at the base of the unit. Ensure it clicks securely into place.
- **12V DC Car Power:** Open the storage compartment at the base of the unit to access the integrated 12V DC power cord. Plug the cord into your vehicle's 12V accessory outlet (cigarette lighter socket).



Figure 2: Rear view of the inflator, highlighting the accessory storage compartment and the integrated 12V DC power cord.





Figure 3: Side view of the inflator, showing the high pressure hose and various adapters stored within the unit.

2. Attaching Hoses and Adapters

Select the appropriate hose and adapter for your task:

- **For High Pressure (e.g., Tires, Balls):** Use the high pressure hose. Connect the hose to the designated high-pressure port on the unit by twisting it securely. Select the correct adapter (tire valve, ball needle) from the storage compartment and attach it to the end of the high pressure hose.
- **For High Volume (e.g., Air Mattresses, Floats):** Use the low pressure (larger diameter) hose. Connect it to the high-volume port on the unit. Choose the appropriate air bed adapter or other large inflatable adapter and attach it to the hose.

OPERATING INSTRUCTIONS



Figure 4: Top view of the inflator, displaying the control panel with power buttons, PSI adjustment, and digital readout.

1. General Operation

- **Power On/Off:** Use the main power switch (usually a rocker switch) to turn the unit on or off.
- **Digital Display:** The digital screen will show the current pressure or the preset target pressure.
- **PSI Adjustment:** Use the "PSI +" and "PSI -" buttons to set your desired pressure. The unit will automatically shut off once this pressure is reached.
- **LED Light:** Activate the integrated LED light using its dedicated switch to illuminate your work area, especially useful in low-light conditions.

2. Inflating Items

1. Connect the appropriate hose and adapter to the inflator and the item to be inflated.
2. For high-pressure inflation (tires, balls), set the desired PSI using the +/- buttons.
3. Press the "POWER" button to begin inflation. The unit will stop automatically when the preset PSI is reached.
4. For high-volume inflation (air mattresses, floats), ensure the correct hose is connected. The unit will inflate continuously until manually turned off or the item is full.
5. Once inflation is complete, turn off the unit and disconnect the hose from the item.

3. Deflating Items (High Volume Only)

1. Connect the low pressure (larger diameter) hose to the deflation port on the unit (if applicable, consult unit markings for specific port).
2. Attach the other end of the hose to the item you wish to deflate.
3. Turn on the unit. The high volume pump will begin to draw air out of the item.
4. Monitor the deflation process and turn off the unit once the item is sufficiently deflated.

MAINTENANCE

- **Cleaning:** Wipe the unit with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the unit is dry before storage.
- **Storage:** Store the inflator/deflator and all accessories in the provided tool bag in a cool, dry place away from direct sunlight and extreme temperatures. Ensure hoses are not kinked during storage.
- **Battery Care:** If using a 20V battery, follow the battery manufacturer's instructions for charging and storage. Remove the battery from the unit when not in use for extended periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	No power, battery depleted, 12V cord not connected properly.	Ensure battery is charged and properly inserted, or 12V DC cord is securely plugged into a working outlet. Check power switch position.
Unit inflates slowly or not at all.	Hose or adapter not securely attached, leak in hose/item, incorrect adapter used, item valve blocked.	Check all connections for tightness. Ensure correct adapter is used and item valve is clear. Inspect hoses for damage.
Digital display shows incorrect pressure.	Sensor malfunction, unit not calibrated.	Ensure the hose is properly connected and there are no leaks. If issues persist, contact customer support.

Problem	Possible Cause	Solution
Unit does not shut off automatically.	Preset PSI not set, sensor malfunction.	Verify that a target PSI has been set. If the issue continues, manually turn off the unit and contact customer support.

SPECIFICATIONS

Attribute	Detail
Model Name	Inflator/Deflator
Part Number	64533
Brand	HFT
Power Source	20V Battery Powered (Battery Not Included), 12V DC Car Power
Maximum Pressure	160 PSI (Pound per Square Inch)
Operation Mode	Automatic (with digital readout and auto shut-off)
Item Weight	3 Pounds
Material	Plastic
Color	Red
Included Components	High pressure hose, low pressure hose, ball adapter, air bed adapter, tire adapter

WARRANTY AND SUPPORT

This HFT Inflator/Deflator comes with a **Limited Warranty**. For specific warranty terms, conditions, and duration, please refer to the warranty card included with your product or contact HFT customer support directly.

For technical assistance, troubleshooting beyond this manual, or to inquire about replacement parts, please contact HFT customer service. Contact information can typically be found on the product packaging or the manufacturer's official website.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question