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Kobalt KLDP1

Kobalt 12-Volt Multi-Purpose Portable Car Sport Air Inflator

Model: KLDP1

Product Overview



Image: Kobalt 12-Volt Multi-Purpose Portable Air Inflator, front view.

The KOBALT 12-Volt/120-Volt Dual Power Inflator is a versatile and portable air compressor designed for inflating various items such as car, bike, and ATV tires, air mattresses, and beach toys. It offers dual power options, plugging into either a vehicle's 12V power outlet or a standard 120V household outlet. Featuring a digital gauge for displaying current pressure and allowing preset PSI settings (1 to 120 PSI), it includes an automatic shut-off feature to prevent over-inflation. The inflator comes with a 26-inch rubber air hose, a built-in LED light for low-light conditions, and a convenient storage compartment for included accessories like a presta valve adapter, 2 sports needles, and a raft nozzle.

Key Features:

- Made of durable plastic construction.
- Compact dimensions: 7 inches deep by 9 inches high by 12.75 inches wide.

- Lightweight design, weighing 6.4 lbs for easy portability.
- Integrated digital tire gauge for accurate pressure readings.
- Convenient work light for use in low-light conditions.
- Includes various inflation accessories for diverse applications.

Safety Information

Always read and understand all instructions before operating the inflator. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Electrical Safety:** Ensure the power source matches the inflator's requirements (12V DC or 120V AC). Do not use in wet conditions or expose to rain.
- **Over-inflation Hazard:** Do not over-inflate items. Always follow the manufacturer's recommended pressure for the item being inflated. The automatic shut-off feature helps prevent this, but always monitor the process.
- **Heat:** The inflator may become hot during prolonged use. Allow it to cool down before handling or storing.
- **Children and Pets:** Keep the inflator and its accessories out of reach of children and pets.
- **Ventilation:** Operate the inflator in a well-ventilated area to prevent overheating.
- **Proper Use:** Use only the accessories provided or recommended by the manufacturer. Do not modify the inflator.

Package Contents

Verify that all items are present upon opening the package:

- Kobalt 12-Volt Multi-Purpose Portable Air Inflator Unit
- Integrated 26-inch Rubber Air Hose
- Built-in Digital Tire Gauge
- Built-in Work Light
- Presta Valve Adapter
- 2 Sports Needles
- Raft Nozzle
- 12V DC Power Cord (for vehicle outlet)
- 120V AC Power Cord (for household outlet)

Setup

Powering the Inflator:

The Kobalt inflator offers two power options:

1. **12V DC Power (Vehicle):** Locate the 12V DC power cord stored in the compartment. Plug this cord into your vehicle's 12V power outlet (cigarette lighter socket). Ensure your vehicle's engine is running to provide stable power.
2. **120V AC Power (Household):** Locate the 120V AC power cord. Plug this cord into a standard 120V household electrical outlet.

Attaching the Air Hose:

The 26-inch rubber air hose is conveniently stored inboard. Pull out the hose and ensure it is securely connected to the inflator's output port before use.

Operating Instructions

Inflating Vehicle Tires:



Image: Kobalt Air Inflator in use, connected to a car tire valve stem.

1. Connect the inflator to the appropriate power source (12V DC or 120V AC).
2. Remove the valve cap from the tire.
3. Firmly attach the air hose nozzle to the tire's valve stem. The digital display will show the current tire pressure.
4. Use the '+' and '-' buttons on the digital display to set your desired PSI (Pounds per Square Inch) for the tire. Refer to your vehicle's owner's manual or the tire's sidewall for the recommended PSI.
5. Press the 'Run/Pause' button to begin inflation. The inflator will automatically shut off once the preset PSI is reached.
6. Disconnect the nozzle from the valve stem and replace the valve cap.

Inflating Sports Equipment and Other Items:



Image: Kobalt Air Inflator in use, inflating a basketball with a needle adapter.

1. Open the accessory compartment on the top of the inflator. Select the appropriate adapter (presta valve, sports needle, or raft nozzle) for the item you wish to inflate.
2. Securely attach the chosen adapter to the air hose nozzle.
3. Connect the adapter to the item's inflation port.
4. Set the desired PSI using the '+' and '-' buttons. For sports balls, typical PSI ranges are 4-15 PSI. For bikes, 50-100 PSI.
5. Press the 'Run/Pause' button to begin inflation. The inflator will stop automatically when the target pressure is achieved.
6. Remove the adapter from the item and store all accessories back in their compartment.

Using the Digital Gauge and Preset Function:

The inflator features a clear digital display that shows the current pressure of the item connected. You can easily set a target pressure (PSI) from 1 to 120. Once the set pressure is reached, the inflator will automatically shut off, preventing over-inflation and ensuring precise inflation.

Using the LED Light:

A built-in LED light is located on the back of the unit. Press the power button on the back to activate the light, providing illumination for use in dark or low-light conditions, such as roadside emergencies at night.

Maintenance

- **Cleaning:** Wipe the exterior of the inflator with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the inflator in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the air hose and power cords are neatly stored in their designated compartments to prevent damage.
- **Hose and Adapters:** Periodically inspect the air hose for cracks or damage. Ensure all adapters are clean and free of debris.

Troubleshooting

Problem	Possible Cause	Solution
Inflator does not turn on.	No power connection or faulty power source.	Ensure power cords are securely plugged in. Check the vehicle's 12V outlet or household AC outlet for power. If using 12V, ensure vehicle engine is running.
Inflator runs but does not inflate.	Air hose not properly connected or adapter is loose.	Check that the air hose is firmly attached to the inflator and the nozzle/adapter is securely connected to the item's valve.
Inaccurate pressure reading.	Loose connection at valve stem.	Ensure the nozzle/adapter is tightly sealed on the valve stem.
Inflator overheats and shuts off.	Prolonged use or poor ventilation.	Allow the unit to cool down for at least 15-20 minutes. Ensure operation in a well-ventilated area.

Specifications

Feature	Specification
Brand	Kobalt
Model Number	KLDP1
Material	Plastic
Item Weight	6.4 Pounds
Maximum Pressure	120 PSI (Pound per Square Inch)
Operation Mode	Automatic
Hose Length	26 Inches
Power Source	12V DC (Vehicle) / 120V AC (Household)
Dimensions (LxWxH)	12.7 x 8.4 x 7.1 inches
Included Components	Inflator, Digital Tire Gauge, Work Light, Presta Valve Adapter, 2 Sports Needles, Raft Nozzle
UPC	742574223590

Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact Kobalt customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

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