

Operator's Manual



**120V
INFLATOR**

Model No. 75121



- Safety Guidelines
- Assembly
- Operation
- Maintenance
- Troubleshooting

CAUTION: Read the Safety Guidelines and All Instructions Carefully Before Operating.

Sears Brands Management Corporation, Hoffman Estates, IL 60179 U.S.A.
Visit our Craftsman website: www.craftsman.com

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WARRANTY

CRAFTSMAN ONE YEAR FULL WARRANTY

FOR ONE YEAR from the date of purchase, this product is warranted against any defects in material or workmanship. Defective product will be replaced free of charge.

**For warranty coverage details to obtain free replacement, visit the web site:
www.craftsman.com**

This warranty does not cover the air needle, which is an expendable part that can wear out from normal use within the warranty period.

This warranty is void if this product is ever used while providing commercial services or if rented to another person.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Sears Brands Management Corporation, Hoffman Estates, IL 60179

REPLACEMENT PARTS

**If you need to replace any inflation accessories, call this number and ask for
Customer Service: 1-800-874-5771**

SAFETY GUIDELINES - DEFINITIONS

This manual contains information that is important for you to know and understand. This information relates to protecting **YOUR SAFETY** and **PREVENTING EQUIPMENT PROBLEMS**. To help you recognize this information, we use the symbols below. Please read the manual and pay attention to these sections.

⚠ DANGER: Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury .	⚠ CAUTION: Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury .
⚠ WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury .	⚠ CAUTION: Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage .

IMPORTANT SAFETY INSTRUCTIONS



SAVE THESE INSTRUCTIONS



IMPROPER OPERATION OR MAINTENANCE OF THIS PRODUCT COULD RESULT IN SERIOUS INJURY AND PROPERTY DAMAGE. READ AND UNDERSTAND ALL WARNINGS AND OPERATING INSTRUCTIONS BEFORE USING THIS EQUIPMENT.

⚠ WARNING: Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known (to the State of California) to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- lead from lead-based paints
- crystalline silica from bricks and cement and other masonry products
- arsenic and chromium from chemically-treated lumber

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, always wear **MSHA/NIOSH** approved, properly fitting face mask or respirator when using such tools.

When using air tools, basic safety precautions should always be followed to reduce the risk of personal injury.

- This Inflator is designed to inflate car tires, bike tires, ATV tires, sports equipment, air mattresses, beach toys and other inflatables. Do not use for any purpose other than inflating. If you do so, bodily harm or personal injury can occur.
- Caution, allow inflator to cool down 10 minutes after each 10 minutes of continuous operation.
- After using, turn off power.
- The Inflator is not a toy. Keep away from children at all times.
- Do not carry Inflator by the air hose or power cord as damage may occur.
- Do not leave the Inflator unattended while in operation.
- Do not overinflate. Please follow the manufacturer's instructions for the item you are inflating
- Keep the Inflator away from flammable areas/liquids at all times.
- Do not operate the Inflator in wet or damp areas.
- Operate the Inflator only with the attachments that are included.
- USE SAFETY GLASSES. Also use face or dust mask if operation is dusty.
- Household use only.
- This product must be grounded. In the event of an electrical short circuit, the grounding reduces the risk of electric shock by providing an escape wire for the electric current. This product is equipped with a cord having a grounding wire with an appropriate grounding plug. The plug must be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances.
- Check with a qualified electrician or serviceman when the grounding instructions are not completely understood, or when in doubt as to whether the product is properly grounded. Do not modify the plug provided; if it does not fit the outlet, have the proper outlet installed by a qualified electrician.

IMPORTANT SAFETY INSTRUCTIONS



Save these instructions



Improper operation or maintenance of this product could result in serious injury and property damage. Read and understand all warnings and operation instructions before using this equipment.

- To reduce risk of electric shock, do not expose to rain. Store indoors.
- Household use only.

HAZARD



WARNING: Risk of explosion or fire



What Could Happen	How To Prevent It
<p>It is normal for electrical contacts within the motor to spark.</p>	<p>Always operate the inflator in a well ventilated area free of combustible materials, gasoline, or solvent vapors.</p>
<p>If electrical sparks from inflator come into contact with flammable vapors, they may ignite, causing fire or explosion.</p>	<p>Store flammable materials in a secure location away from inflator.</p>
<p>Restricting any of the inflator ventilation openings will cause serious overheating and could cause fire.</p>	<p>Never place objects against or on top of inflator. Operate inflator in an open area at least 12 inches away from any wall or obstruction that would restrict the flow of fresh air to the ventilation openings.</p> <p>Operate inflator in a clean, dry well ventilated area. Do not operate unit in any confined area.</p>
<p>Unattended operation of this product could result in personal injury or property damage. To reduce the risk of fire, do not allow the inflator to operate unattended.</p>	<p>Always remain in attendance with the product when it is operating. Always disconnect electrical power by moving on/off switch to the off position and unplug the power cord.</p>

HAZARD

WARNING: Risk of Bursting



What Could Happen	How To Prevent It
ATTACHMENTS & ACCESSORIES: Exceeding the pressure rating of air operated accessories, tires, inflatable balls, and other inflatables item can cause them to explode or fly apart, and could result in serious injury.	Follow the equipment manufacturer's recommendation and never exceed the maximum allowable pressure rating of attachments or inflatable items.
Unattended tires, inflatable balls, inflatable toys, and other inflatable items can over inflate very quickly sometimes in a matter of seconds and result in personal or property damage.	Always remain in attendance when inflating tires, inflatable balls, inflatable toys, and other inflatable items. Be prepared to stop inflator when item is fully inflated, sometimes in a matter of seconds.

HAZARD

WARNING: Risk from Flying Objects



What Could Happen	How To Prevent It
The inflator air stream can cause soft tissue damage to exposed skin and can propel dirt, chips, loose particles , and small objects at high speed , resulting in property damage or personal injury.	Always wear ANSI Z87.1 approved safety glasses with side shields when using the inflator. Never direct compressed air toward any part of the body or at other people or animals. Always turn the inflator off before attempting maintenance or attaching accessories.

HAZARD

WARNING: Risk of Electrical Shock



What Could Happen	How To Prevent It
Your inflator is powered by electricity . Like any other electrically powered device, if it is not used properly it may cause electric shock .	Never operate the inflator outdoors when it is raining or in wet conditions . Never operate inflator with protective covers removed or damaged . Always replace damaged or worn electric cords before operating inflator .
Repairs attempted by unqualified personnel can result in serious injury or death by electrocution .	Any electrical wiring or repairs required on this product should be performed by authorized service center personnel in accordance with national and local electrical codes.
Electrical Grounding: Failure to provide adequate grounding to this product could result in serious injury or death from electrocution . See grounding instructions.	Make certain that the electrical circuit to which the inflator is connected provides proper electrical ground, correct voltage, and adequate fuse protection . When operating inflator outdoors use GFCI outlet .

HAZARD

WARNING: Risk to Breathing



What Could Happen	How To Prevent It
The compressed air directly from your inflator is not safe for breathing . The air stream may contain carbon monoxide, toxic vapors, or solid particles from the tank. Breathing these contaminants can cause serious injury or death .	Air obtained directly from the inflator should never be used to supply air for human consumption . In order to use air produced by this inflator for breathing, suitable filters and in-line safety equipment must be properly installed . In-line filters and safety equipment used in conjunction with the inflator must be capable of treating air to all applicable local and federal codes prior to human consumption .

HAZARD

WARNING: Risk of Burns



What Could Happen	How To Prevent It
<p>Touching exposed metal such as the inflator head or outlet tubes, can result in serious burns.</p>	<p>Never touch any exposed metal parts on inflator during or immediately after operation. Inflator will remain hot for several minutes after operation. Do not reach around protective shrouds or attempt maintenance until unit has been allowed to cool.</p>

HAZARD



WARNING: Risk from Moving Parts



What Could Happen	How To Prevent It
<p>Moving parts such as the pulley, flywheel, and belt can cause serious injury if they come into contact with you, your clothing, loose hair, or jewelry.</p>	<p>Never operate the inflator with guards or covers which are damaged or removed.</p>
<p>Attempting to operate inflator with damaged or missing parts or attempting to repair inflator with protective shrouds removed can expose you to moving parts and can result in serious injury.</p>	<p>Any repairs required on this product should be preformed by authorized service center personnel.</p>

HAZARD

WARNING: Risk of Falling



What Could Happen	How To Prevent It
<p>An inflator can fall from a table, workbench, or roof causing damage to the inflator and could result in serious injury or death to the operator.</p>	<p>Always operate inflator in a stable secure position to prevent accidental movement of the unit. Never operate inflator on a roof or other elevated position.</p>

HAZARD

WARNING: Risk of Unsafe Operation



What Could Happen	How To Prevent It
Unsafe operation of your inflator could lead to serious injury or death to you or others.	Review and understand all instructions and warnings in this manual. Become familiar with the operation and controls of the inflator. Keep operating area clear of all persons, pets, and obstacles. Keep children away from the inflator at all times. Do not operate the product when fatigued or under the influence of alcohol or drugs. Stay alert at all times. Never defeat the safety features of this product. Equip area of operation with a fire extinguisher. Do not operate machine with missing, broken, or unauthorized parts.

HAZARD

WARNING: Risk of Injury

- Do not direct air stream at body.
- Disconnect from supply circuitry before replacing fuse.

SAVE THESE INSTRUCTIONS

GLOSSARY

Become familiar with these terms before operating the unit.

CFM: Cubic feet per minute.

SCFM: Standard cubic feet per minute; a unit of measure of air delivery.

PSIG: Pounds per square inch gauge; a unit of measure of pressure.

Code Certification: Products that bear one or more of the following marks: UL, CUL, ETL, CETL, have been evaluated by OSHA certified independent safety laboratories and meet the applicable Underwriters Laboratories Standards for Safety.

Branch Circuit: Circuit carrying electricity from electrical panel to outlet.

ACCESSORIES

This unit is capable of powering the following Accessories. Accessories included with your Inflator:

Air Needle: Used to inflate sports balls.

Presta Valve Adaptor: Used to inflate high performance bike tires.

High Flow Inflator/Deflator Adaptor with three nozzles and seal ring: Used to inflate or deflate air mattresses, small boats, inflatable toys, and other items that require large volume of low-pressure air.

ASSEMBLY

Contents of Carton

- 1 Inflator equipped with rubber air hose and pressure gauge
- PVC Coil Air Hose with built-in Screw-on valve
- 1 Inflation Accessory Kit
 - 1 Air Needle
 - 1 Presta Valve Adaptor
 - 1 High Flow Inflator/Deflator Adaptor with three nozzles and seal ring.

To Remove Inflator from Carton

1. Grasp handle and lift the Inflator out of the carton.
2. Remove all packaging from Inflator and discard.

INSTALLATION

HOW TO SET UP YOUR UNIT

Location of the Inflator

Locate the Inflator in a clean, dry and well ventilated area. The Inflator pump and housing are designed to allow for proper cooling. The ventilation openings on the Inflator are necessary to maintain proper operating temperature. Do not place rags or other containers on or near these openings.

GROUNDING INSTRUCTIONS

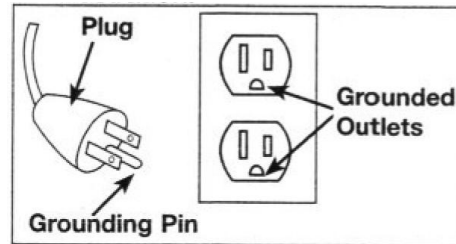
⚠ WARNING: Risk of Electrical Shock. In the event of a short circuit, grounding reduces the risk of shock by providing an escape wire for the electric current. This Inflator must be properly grounded.

The Inflator is equipped with a cord having a grounding wire with an appropriate grounding plug (see following instructions). The plug must be used with an outlet that has been installed and grounded in accordance with all local codes and ordinances.

1. The cord set and plug with this unit contains a grounding pin. This plug MUST be used with a grounded outlet.

IMPORTANT: The outlet being used must be installed and grounded in accordance with all local codes and ordinances.

2. Make sure the outlet being used has the same configuration as the grounded plug. **DO NOT USE AN ADAPTOR.** See illustration



3. Inspect the plug and cord before each use. Do not use if there are signs of damage.
4. If these grounding instructions are not completely understood, or if in doubt as to whether the inflator is properly grounded, have the installation checked by a qualified electrician.

⚠ WARNING: Risk of Electrical Shock. IMPROPER GROUNDING CAN RESULT IN ELECTRICAL SHOCK. Do not modify the plug provided. If it does not fit the available outlet, a correct outlet should be installed by a qualified electrician. Repairs to the cord set or plug MUST be made by a qualified electrician.

Extension Cords

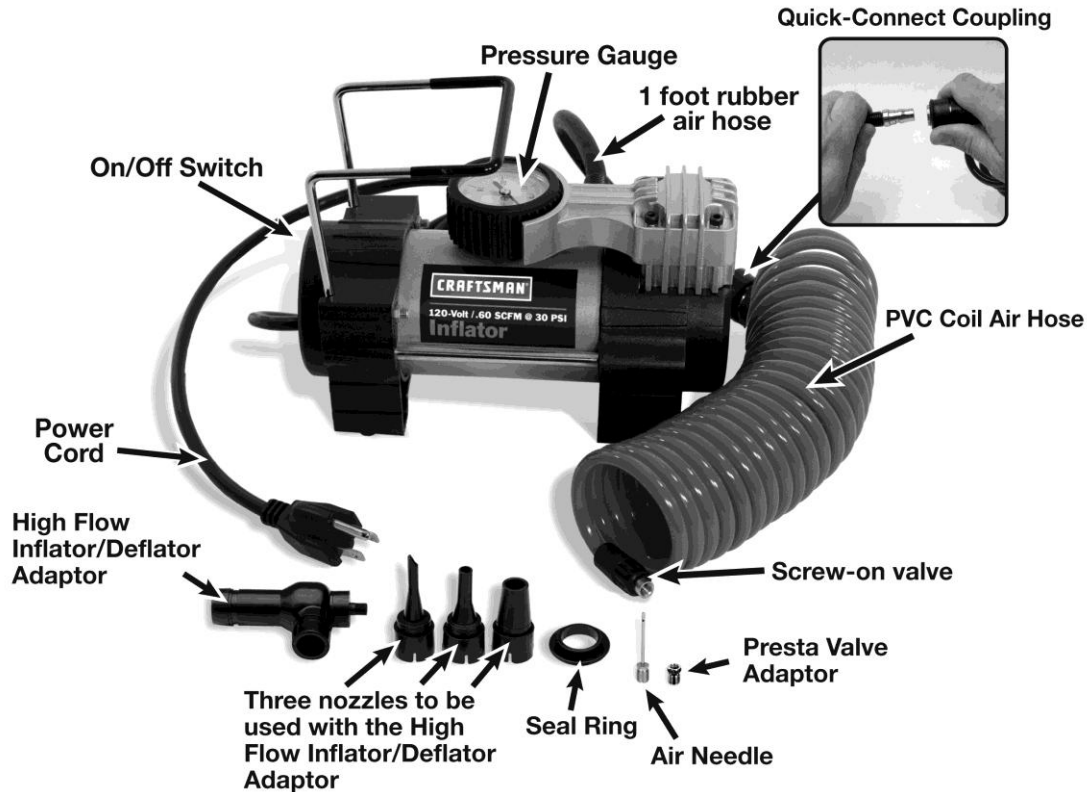
If an extension cord must be used, be sure it is:

- a 3-wire extension cord that has a 3-blade grounding plug, and a 3-slot receptacle that will accept the plug on the product
- in good condition
- no longer than 50 feet, and 16 gauge (AWG) or larger. (Wire size increases as gauge number decreases: 14, 12, 10, and 8 AWG may also be used).

OPERATION

Know your Inflator

READ THIS OWNER'S MANUAL AND SAFETY RULES BEFORE OPERATING YOUR UNIT. Compare the illustration with your unit to familiarize yourself with the location of various controls and adjustments. Save this manual for future reference.



Description of Operation

On/Off Switch: Used to turn Inflator on and off.

Pressure Gauge: Gives the pressure reading in PSI.

Screw-on Valve: Used with standard tire valves and with accessories included with Inflator.

Air Needle: Attaches directly to the screw-on valve to inflate sport balls.

High Flow Inflator/Deflator Adaptor: Used with inflator/deflator nozzles, this adaptor attaches directly to the screw-on valve to inflate or deflate air mattresses, small boats, inflatable toys, and other items that require a large volume of low-pressure air.

Inflator/Deflator Nozzles: Used with High Flow Inflator/Deflator Adaptor.

Seal Ring: Used with inflator/deflator nozzles to prevent air from leaking out of inflatables with very large air inlets.

⚠ WARNING: Risk of Bursting. Unattended tires, inflatable balls, inflatable toys, and other inflatable items can over-inflate very quickly, sometimes in a matter of seconds, and result in personal injury or property damage.

OPERATION

To inflate vehicle and bicycle tires:

1. Place 120 Volt Inflator evenly on flat surface.
2. Connect the PVC coil air hose to the Inflator by pulling back on the quick connect coupler and inserting this onto the valve located on the end of the 1 foot rubber air hose until you hear a click to lock the PVC coil in place.
3. Connect the screw-on valve to tire air valve by twisting clockwise until it is securely attached to the tire air valve.
4. Plug the power cord into a grounded 120 Volt outlet.
5. Move the On/Off switch to the On position and the Inflator will begin to operate. Monitor the PSI on the gauge to fill your item to desired pressure. Once you have reached the desired air pressure, move the On/Off switch to the Off position.
6. To remove the air hose from your tire air valve, twist the screw-on valve counter clockwise.
7. Unplug the power cord from 120 Volt outlet.
8. Remove the PVC coil from the Inflator by pulling back on the quick connect collar and pulling away from the valve located on the end of the 1 foot rubber air hose.
9. Allow unit to cool.

⚠ WARNING: Risk of Flying Objects/Bursting Objects. Over inflating tire could cause the tire to burst or the screw-on valve to pop off the valve stem and become a projectile. Use a tire pressure gauge to ensure an accurate tire pressure reading, because the pressure gauge on the unit is for general reference only.

To inflate sports ball, air mattress, rubber raft, etc.

1. Place 120 Volt Inflator evenly on flat surface.
2. Connect the PVC coil air hose to the Inflator by pulling back on the quick connect coupler and inserting this onto the valve located on the end of the 1 foot rubber air hose until you hear a click to lock the PVC coil in place.
3. Select the appropriate inflation accessory and screw onto end of the PVC coil screw-on valve.
4. Plug the power cord into a grounded 120 Volt outlet.

NOTE: For instructions on how to use High Flow Inflator/Deflator Adaptor at this point, see the next page.

5. Insert the inflation accessory into desired item you are inflating.
6. Move the On/Off switch to the On position and the Inflator will begin to operate. Inflate your desired item to the correct pressure and move the On/Off switch to the Off position.
7. Remove inflation accessory from screw-on valve.
8. Unplug the power cord from 120 Volt outlet.
9. Remove the PVC coil from the Inflator by pulling back on the quick connect collar and pulling away from the valve located on the end of the 1 foot rubber air hose.
10. Allow unit to cool.

⚠ WARNING: Risk of Bursting. Most sports balls with no initial air will fill in less than 10 seconds. Watch sports balls carefully while filling, do not overfill.

⚠ WARNING: Risk of Bursting. Too much air pressure causes a hazardous risk of bursting. Check the manufacturer's maximum pressure rating for objects being inflated. Carefully follow instructions.

High Flow Inflator/Deflator Adaptor

For larger inflatable items, you may wish to use the High Flow Inflator/Deflator Adaptor as follows:

1. Connect the screw-on valve to high flow inflator/deflator adaptor as shown. Twist the screw-on valve clockwise until it is securely attached.



2. Choose nozzle to be used to inflate or deflate. NOTE: The seal ring may be used with any of the nozzles to prevent air from leaking out of inflatables with very large air inlets. Insert nozzle thru seal ring as shown.



3. The high flow inflator/deflator adaptor has an "inflation" outlet and "deflation" outlet. Attach the nozzle to the preferred outlet. NOTE: "Inflation" and "Deflation" are marked at outlets.

Inflation Position



Deflation Position



4. Insert nozzle into inflatable and start inflator.



NOTE: If inflatable is not getting firm enough, place thumb over the "deflation" outlet to allow air to go directly into the inflatable.



⚠ WARNING: Risk of Bursting. DO NOT over-inflate. Keeping thumb over "Deflation" outlet could cause inflatable to over-inflate. Use caution when placing thumb over "Deflation" outlet.

MAINTENANCE

Cleaning

1. Turn the On/Off switch to Off and unplug the cord.
2. Wipe exterior plastic and metal parts clean using damp cloth. Do not get moisture or water into interior moving parts.
3. Any other servicing should be performed by a qualified service representative.

TROUBLESHOOTING

⚠ WARNING: Risk of Unsafe Operation. Voltage sources, moving parts, or compressed air sources are exposed when repairing the inflator. Personal injury can occur. Unplug the inflator before attempting the repairs.

PROBLEM	CAUSE	CORRECTION
Motor will not run	Circuit breaker tripped	1. Check for low voltage problem. 2. Disconnect the other electrical appliances from circuit or operate the inflator on its own branch circuit.
	Extension cord is wrong length or gauge	Check the extension cord
	Faulty motor	Contact 1-800-874-5771

SPECIFICATIONS

Model No. 75121

120 VAC. 60Hz. 1.1A
.60 SCFM @ 30 PSI

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