



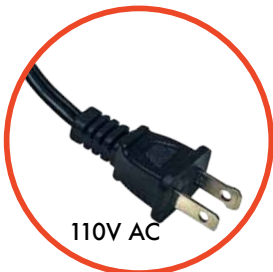
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INSTRUCTION MANUAL

RoofPax Tire Inflator



<https://www.roofpax.com>

Disclaimer This product should be used with caution.
RoofPax cannot be held liable for any injuries or fatalities resulting from its use.

CUSTOMER SUPPORT: Contact our 24/7 Support Team any time at: support@roofpax.com

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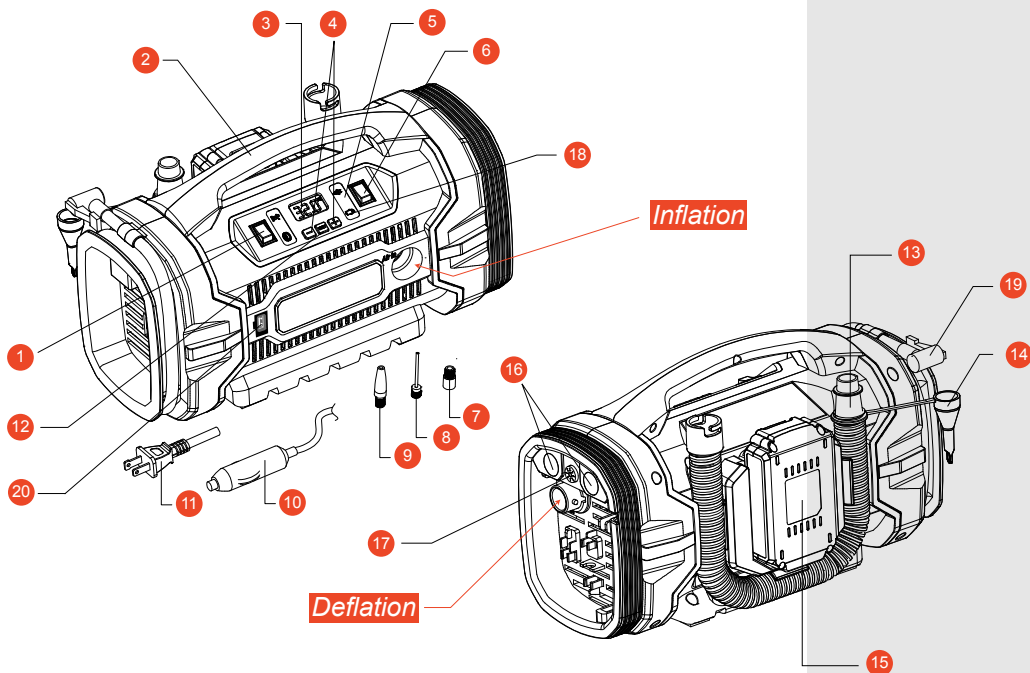
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INFLATOR PACKAGE CONTENTS

Part No.	Description	Quantity
1	Mode Power Switch	1
2	Handle	1
3	LCD	1
4	Pressure Setting Button	1
5	DC AC Indicator	1
6	Battery Power Switch	1
7	Brass Coupler Adapter	1
8	Inflator Needle Valve	1
9	Tapered Nozzle	1
10	DC 12V Cigarette Socket	1
11	110V AC Cord	1
12	Unit Changer	1
13	High-volume Hose	1
14	Tapered Nozzle	1
15	20V 1.5 Ah Li-ion Battery	1
16	Side Light	1
17	Side Light Switch	1
18	Battery Indicator	1
19	Universal Valve Adapter	1
20	External USB Slot	1



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SAFETY RULES



⚠️ WARNINGS

It is important that you read all warnings and instructions carefully. Failure to do so may lead to product damage, property damage, or personal injury. You should keep these warnings for future reference.

WORK AREA

- Keep your work area clean and organised. Good light is needed to avoid accidents.
- Keep enough distance while operating inflator. Fresh air flow should not be restricted by any opsticle.

ELECTRICAL SAFETY

- Do not put inflator in water or any other liquid! Inflator should not be stored in places near to water tanks or liquid storage tanks.

PERSONAL SAFETY

- Operating inflator requires your full concentration. Do not use inflator if you do not feel well, or if you are under medications, or influence of alcohol or drugs. Loosing focus for just a moment while operating can result in personal injuries.
- Follow safety rules. Usage of safety glasses for eye protection and ear plugs is recomended, as well as gloves.

USE AND CARE

- Before you start using the inflator, check hoses for damage and check that all connections are tight. Hoses and cabels with any damage should not be used, but replaced.
- Pressure release should be done slowly until the system is empty.
- Before making any adjustments, changing accessories, or storing the inflator, turn the inflator off - power swich must be on **OFF** position.
- Before storing the inflator, power switch must be on the OFF position. It should be stored out of the reach of children and in the dry place.

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SAFETY RULES

- Inflator is equipped with accessories and use only accessories delivered with the inflator. Usage of any other accessories and connections can cause damage on inflator or risk injuries.
- Keep the inflator clean, dry, clean of oil and grease. For cleaning use dry and clean cloth. Do not use petroleum based cleaning products, gasoline, brake fluids or solvents of any kind. Inflator handle must be dry and clean.
- Checking and repair of the inflator should be done by qualified service personnel. Replacement hoses, accessories, connections or other parts should be ordered only from authorized service.
- Recharging 20V Li-ion battery must be done only with the charging unit supplied with the inflator. Battery should not be exposed to the intense sunshine or high temperatures. Battery should not be placed in fire!



SYMBOLS

- Warning signs and symbols:



DANGER

CAUTION

WARNING

Some of the following symbols may be used on this product. Proper understanding of listed symbols and signs will allow you to operate the inflator in the safe way.



Safety alert

Indicates a potential personal injury hazard



Read operating manual

To reduce the risk of injury, it is necessary to read and understand this manual before using the inflator!



Eye protection

Always wear eye protection with side shields



Wet condition Alert

Do not expose to rain or wet conditions



Recycling

This product uses Li-ion battery. Dispose Li-ion batteries according to law, or hand it to recycling facility.



Hot surface

To reduce the risk of injury or damage, avoid any contact with any hot surfaces.

Some signs are used, and this is a list for better understanding of instruction manual: “V” - Volts - voltage; “min” - minutes - time; “=” - direct current; “n₀” - no load speed; “.../min” - revolutions, strokes per minute;

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INFLATOR ASSEMBLY

- Inflator unit is delivered completely assembled and equipped with all accessories.
- Before using it for the first time please follow these instructions:
 - Open the box and remove the inflator and all delivered accessories.
 - Check the delivery list to be sure that all accessories are in the box.
 - Inspect all parts to be sure that there are no damaged parts.

⚠ WARNING

Do not use inflator if it is not completely assembled or if any part appears to be missing or damaged. Usage of the product which is not completely assembled could cause personal injuries!

- After all checks are done, inflator can be used!

PACKING LIST

USB 5V/12V/110V INFLATOR / DEFLATOR
 Tapered Nozzle
 Inflator Needle Valve
 Brass coupler Adapter
 High Volume Hose
 20V Li-ion Battery
 Battery Charger
 Instruction Manual

⚠ WARNING

If any part listed in Packing list is missing or damaged, DO NOT use the inflator. Usage with damaged parts can result in serious personal injuries.

⚠ WARNING

Do not attempt to modify this inflator, or to create accessories that are not listed. Any modification or misuse can result with damage to the inflator or personal injuries.

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TECHNICAL SPECIFICATIONS

Motor	12V DC / 110V AC
Li-ion Battery	20V 1,5Ah 27 Wh
High Pressure Hose	L=71 cm / 28"
High Volume Hose	L=49 cm / 19"
Gauges (PSI)	Digital Readout
Maximal Pressure	160 PSI / 11 BAR

- Before using inflator, check operating features and safety regulations.

ACCESSORIES STORAGE

Storage area for accessories is located at the right side of the inflator.

DIGITAL GAUGE

The digital gauge shows operating air pressure and air pressure at the output.

HIGH PRESSURE HOSE

The high pressure hose is used to inflate high pressure items like car tires or motorcycle tires.

HIGH VOLUME HOSE

This hose can be used for easy and fast inflation or deflation of low pressure items which require a large quantity of air such as beach or pool toys, beach balls, mattresses, rafts or floats.

HOSE STORAGES

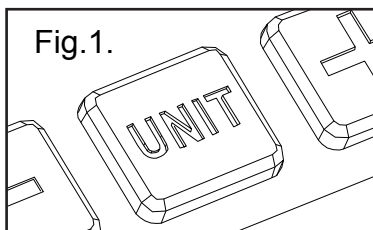
Both hoses are stored on sides of the inflator, easy to reach and use.

MODE POWER SWITCH

The three position switch operate high volume and high pressure hoses. Middle position is OFF for all air pump operations.

UNIT CHANGE (Fig.1.)

The inflator has three unit display choices. Press the UNIT button for choice.



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INFLATOR ASSEMBLY

WARNING

Improperly attached hoses or accessories can be detached under high pressure and cause serious injuries. Air leaks can cause false pressure readings on the gauge. Make sure that all connections are tight.

DUAL HOSES

The inflator is equipped with two types of hoses for two types of inflation process. The high pressure hose is used for inflating high pressure items (tires, sport balls). The high volume hose is used for inflation and deflation of items with low pressure and high volume (Pool toys).

NOTE

Pressure gauge and preset features are relative to the high pressure hose applications only.

OPERATING INSTRUCTIONS

12 VOLT DC MODE

Place the inflator on flat surface.

Before starting the inflator, insert 12V plug into the car cigarette lighter socket and this will give the inflator necessary 12 V and enable inflator to work.

Connect the Quick Connect Valve adaptor to the item you are inflating and push down the Valve Lock Lever to secure the connection. (Figure #6 shown below).

The digital Pressure Gauge will display the current pressure of the item you are inflating on the upper section of the LCD screen.

The target pressure setting (PSI) will appear in the lower section of the LCD screen. To set desired pressure, press “+” or “-” buttons on the Digital Pressure Gauge. The Digital Pressure Gauge preset range is from 1 PSI to 160 PSI maximum. When pressure is set to the target, LCD will blink three times to set the desired preset level.

NOTE

If the pressure of the attached item (tire) you want to inflate is higher then pressure set at pressure gauge, the inflator will not start!

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OPERATING INSTRUCTIONS

110V AC MODE

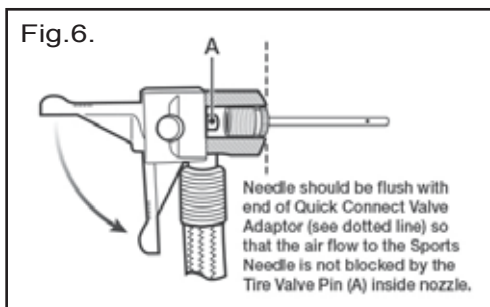
Place the inflator on flat surface.

Before starting the inflator, insert the 110V Power Cord into a grounded 110V AC power socket and this will enable inflator to work.

Connect the Quick Connect Valve adaptor to the item you are inflating and push down the Valve Lock Lever to secure the connection. (Figure #6 shown below).

The digital Pressure Gauge will display the current pressure of the item you are inflating on the upper section of the LCD screen.

The target pressure setting (PSI) will appear in the lower section of the LCD screen. To set desired pressure, press “+” or “-” buttons on the Digital Pressure Gauge. The Digital Pressure Gauge preset range is from 1 PSI to 160 PSI maximum. When pressure is set to the target, LCD will blink three times to set the desired preset level.



⚠ NOTE

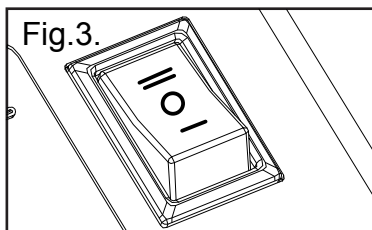
If the pressure of the attached item (tire) you want to inflate is higher than pressure set at pressure gauge, the inflator will not start!

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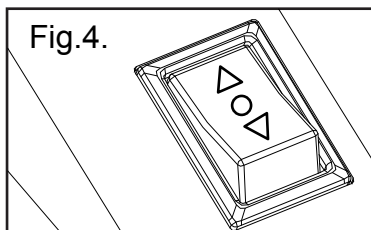


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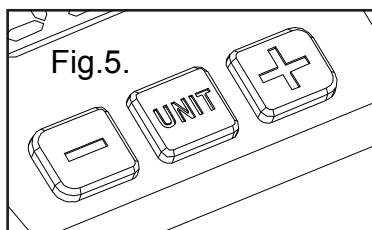
OPERATING INSTRUCTIONS



If you want to switch to the battery, press the upper side of the power button!



If you want to turn on high pressure, press mode power switch up and the unit will start. To turn the high volume, press mode power switch down and the unit will start!



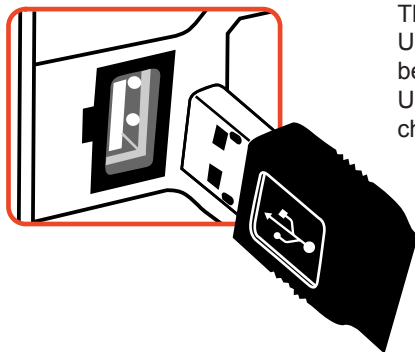
The target pressure level can be changed during inflation process. Press + or - buttons to new desired PSI level. The inflator will stop automatically when the target PSI level is achieved.

NOTE

The inflator has a tolerance of ± 2 PSI.
The inflator shuts down automatically when given pressure is achieved!

- To stop the inflating process before the target PSI level is reached press the AC/DC power switch. To resume the process, press the AC/DC power switch again.

USB (5V) EXIT CONNECTION



The inflator is equipped with USB 5V connection which can be used for connecting any USB item (light, mobile phone charging).

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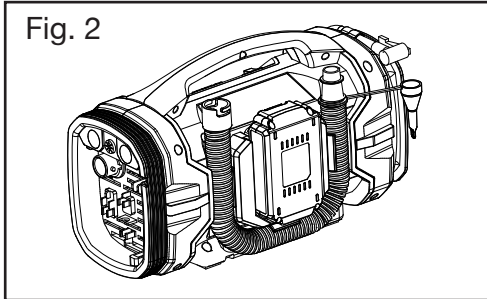


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INFLATING AND DEFLATING

INSTALLING AND REMOVING THE HIGH VOLUME HOSE

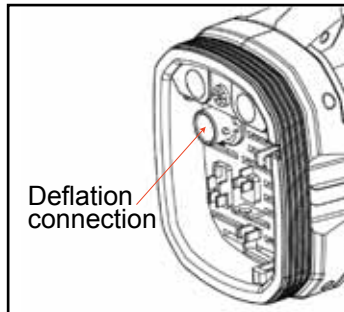
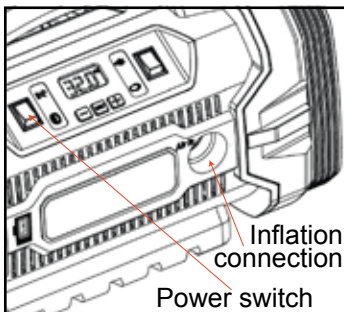
Remove the high volume hose from the storage location. Line up the notches on the hose connector with the nubs on the high volume pump connector. Slide the hose on and twist it counter clockwise to secure the connection.



To remove, turn the hose clockwise and slide the hose off.

INFLATING AND DEFLATING HIGH VOLUME ITEMS

Inflator on the page 3. shows positions of inflating and deflating connections for high volume hose. For inflating high volume items, connect the hose to the front connection as described above, and operate the inflator with power switch shown on the Fig.4. For deflation, connect the high volume hose to the deflation connection placed on the side of the inflator, and turn on high volume air pump using switch shown on the Fig.4. Two hose positions are connected to the same high volume air pump, but one creates air pressure, and the other creates vacuum.



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