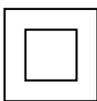


# 'Pro' ball inflator

## Thank you very much for choosing a Sport-Thieme product!

Please read the instructions fully before you assemble the equipment, so you can enjoy the product and safety is guaranteed. We are happy to answer any questions you may have.

The Sport-Thieme „Pro“ ball inflator is an essential equipment for all ball sports. It can be used also for air mattresses, car valves, wheelchair tyres or camping gear – a real all-rounder! The inflator is efficient and oil-free. Includes needle valve and 2 plastic valve adapters.



**SPORT-THIEME**<sup>®</sup>  
School Sports · Club Sports · Fitness · Therapy

Sport-Thieme GmbH · 38367 Grasleben · [www.sport-thieme.de](http://www.sport-thieme.de)  
Tel. 0 53 57-18181 · Fax 0 53 57-18190 · [info@sport-thieme.de](mailto:info@sport-thieme.de)

## **Caution!**

**Read the manual and instructions carefully for safe operation.**

**These instructions come with the device. Keep this manual in a safe place.**

## **Important!**

**Read the operating instructions before use. Keep these instructions for future reference.**

## **General safety advice**

### **1. Keep work space clean**

Untidy areas or workbenches can lead to injuries.

### **2. Check the work space surroundings carefully**

Keep electrical tools out of the rain. Do not use electrical tools in moist or wet areas. Ensure that the workspace is well illuminated. Do not use tools near flammable liquids or gases. Motors in these tools usually generate sparks which could ignite fumes.

### **3. Precautions against electric shock**

Avoid contact with earthed surfaces such as pipes, radiators, cookers, refrigerators.

### **4. Keep other people away**

Do not let other people, particularly children, who are not involved in the work, touch the tool or the extension cord and keep these people away from the workspace.

### **5. Store tools that are not in use**

Tools should be stored in a dry and lockable place where children cannot reach them.

### **6. Do not use beyond intended speed**

The device will do the work better and safer when it is operated at the intended speed.

### **7. Do not put too much strain on the cable**

Do not carry the tool by the cable and do not pull the cable to remove the plug from the socket. Keep the cable away from heat, oil and sharp edges.

### **8. Maintain tools properly**

Check the tool's cable regularly and let an authorised customer service organisation carry out repairs in case of any damage. Check extension cords regularly and replace if damaged. Keep handles dry, clean and free of oil and grease.

### **9. Avoid unintentional starting**

Do not carry the tool with a finger on the button when the tool is plugged in. Ensure that the tool is switched off when you plug it in.

### **10. Stay alert**

Pay attention to what you are doing. Use common sense. Do not operate the tool when you are tired.

### **11. Stand securely**

Stand securely and keep your balance at all times.

### **12. Check damaged parts**

Before you continue to use the tool, check damaged parts carefully in order to establish whether the tool is working properly and fulfilling its intended function. Check the alignment, connections and mounting of moveable parts. Check for broken parts and any other conditions that might influence the tool's operation. A damaged protective cover or other parts should be properly repaired or replaced by an authorised customer service organisation unless stated otherwise in these operating instructions. Malfunctioning switches should be repaired by an authorised customer service organisation. Do not use the tool if you cannot switch it on and off using the switch.

## 13. Unplug the tool

Disconnect tools from the electricity supply when they are not in use, before they are maintained or when accessories such as blades, bits or knives are replaced.

## 14. Tool repair by a qualified person

The electrical tool complies with standard safety rules. Only qualified people should carry out repairs using original parts. Failing to do can lead to considerable dangers for the user.

## Description

This portable oil-free air compressor is intended for personal use or use in schools only and is not intended for continuous operation. The compressor is designed for 230V AC. The device produces up to 14 bar (200 psi) and comes with a pressure gauge and a complete set of inflator adaptors. It is suitable for inflating balls, tyres, inflatable boats, air mattresses etc.

## Precautionary measures for operation

1. Read all of the included instructions carefully. Make yourself thoroughly familiar with the operating elements and the proper use of the device. Only people who have familiarised themselves properly with these rules for safe operation should be allowed to use the compressor.

**WARNING:** The compressor is fitted with an automatically resetting thermal overload protection that switches the motor off when it is overheating. The protection resets automatically when the motor cools down again. In order to guarantee safety, you should switch the device to OFF and unplug it when the device has reached the point of thermal overload and has switched off.

2. Never operate the compressor near a fire or flammable gases or liquids.
3. The device does not have any parts that need to be serviced by the operator, lubrication is not required. The device was completely sealed during production. Opening the device leads to leakages.
4. Operate the compressor in a ventilated area, so the compressor can be cooled properly. Ensure the compressor has cooled down sufficiently before storing it.
5. All parts have lifespan lubrication; additional lubrication with oil is not required.
6. The compressor's exhaust air outlet heats up during operation. Do not touch these parts! Make sure that children do not touch the compressor
7. Switch the power switch off and unplug the device when it is not in use.
8. The device should only be used in dry surroundings. Protect the device from rain, snow or other sources of moisture.
9. In order to avoid a loss of performance and overheating, it is recommended to use additional air hoses rather than extension cords to reach the workspace.
10. Never carry the compressor by the hose.
11. Do not play around with the compressor. Pressurised air is dangerous. Never direct the airflow at yourself or other people.
12. Inflate objects to the maximum pressure recommended by the manufacturer only. Do not let the compressor run without supervision as it may burst tyres or other objects.

## Service and maintenance

**WARNING:** Switch the power to OFF and pull the plug before you make adjustments or carry out service or maintenance work. Clean the device regularly. Only use mild soap and a hot damp cloth to clean plastic parts. Do not use any other cleaners or solvents which may contain chemicals that could considerably damage the plastic. Tighten all nuts, bolts and screws in order to ensure the device can be operated safely. All other maintenance work – apart from cleaning – should be carried out by a qualified person.

**CAUTION:** The compressor can produce pressure of up to 14 bar. In order to avoid over-inflating, never exceed the recommended pressure as stated on the inflatable object. Bursting objects can cause serious injuries.

## Technical data

Model name: Volcano 747-390  
 Weight: 2.9 kg  
 Nominal voltage: 230V ~, 50 Hz  
 Power input: 156 watt  
 Maximum pressure: 14 bar (200 psi)  
 Air flow: 21.4 l/min (at 2 bar) A-rated sound pressure level: 79.2 dB(A)  
 (at the operator's ear, load reading)

## Standard features

- Oil-free construction
- Stainless steel valves
- Impact-resistant ABS casing
- 3.0 Amp built-in fuse
- High-performance motor with direct drive
- Automatically resetting thermal overload protection
- Practical and easy to read gauges

## Troubleshooting chart

Symptom	Possible cause(s)	Solution
Compressor does not work	<ol style="list-style-type: none"> <li>1. No power or switch in off-position</li> <li>2. Blown fuse</li> <li>3. Overheated motor</li> </ol>	<ol style="list-style-type: none"> <li>1. Ensure that the compressor is plugged in and the switch is ON.</li> <li>2. Disconnect compressor from power source, then replace fuse.</li> <li>3. Let the motor cool down for approx. 15 minutes to allow the thermal overload protection to reset.</li> </ol>
The thermal overload protection keeps switching off the compressor	<ol style="list-style-type: none"> <li>1. Insufficient ventilation high ambient temperature too high</li> <li>2. The compressor valves do not work</li> </ol>	<ol style="list-style-type: none"> <li>1. Move the compressor to a well-ventilated area or to lower ambient temperature</li> <li>2. Replace compressor</li> </ol>
Banging, rattling or excessive vibrations	<ol style="list-style-type: none"> <li>1. Loose screws or bolts</li> <li>2. Damaged bearing on the cam or the driveshaft</li> <li>3. Cylinder or piston ring worn or scored</li> </ol>	<ol style="list-style-type: none"> <li>1. Tighten screws or bolts</li> <li>2. Replace compressor</li> <li>3. Replace compressor</li> </ol>
The compressor is constantly running and the air output is lower than normal / low output pressure	<ol style="list-style-type: none"> <li>1. Excessive air consumption</li> <li>2. Loose connections</li> <li>3. Worn piston ring or inlet valve</li> </ol>	<ol style="list-style-type: none"> <li>1. Reduce air consumption</li> <li>2. Loosen connections, clean using soapy water and tighten.</li> <li>3. Replace compressor</li> </ol>
Excessive humidity in the air output	<ol style="list-style-type: none"> <li>1. High humidity</li> </ol>	<ol style="list-style-type: none"> <li>1. Move compressor to an area with lower humidity or use a filter in the compressed air line.</li> </ol>