

# User Manual



**DEALER:** These instructions MUST be given to the user of the product.

**USER:** BEFORE using this product, read this manual and save for future reference.

*Yes, you can.*

## **Rapid Inflator/Deflator** **RAP01**

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### **I General**

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#### **I.1 Symbols**

Signal words are used in this manual and apply to hazards or unsafe practices which could result in personal injury or property damage. See the information below for definitions of the signal words.



#### **DANGER**

Danger indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



#### **WARNING**

Warning indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



#### **CAUTION**

Caution indicates a potentially hazardous situation which, if not avoided, may result in property damage or minor injury or both.



Gives useful tips, recommendations and information for efficient, trouble-free use.

#### **I.2 Package Contents**

This model number includes:

DESCRIPTION	QUANTITY
Rapid Inflator/Deflator Pump	1
Invacare Mattress Adaptor for microAir <sup>®</sup> MA50, MA51 and MA55 Mattresses	1
Queen Size Air Mattress Adaptor	1
Regular Adaptor	1
Special Boston Valve Adaptor	1

## 2 Safety



### **DANGER**

#### **RISK OF FIRE AND ELECTRIC SHOCK**

DO NOT operate pump for more than 30 minutes. Allow 30 minutes OFF time between each operation.

DO NOT expose to rain or sunlight. Indoor use only.

NEVER look into or point the inflate opening toward your eyes while pump is operating. In the event you are unable to control the pump, or if you hear an abnormal noisy motor sound, or smell of overheating lasting for more than 5-10 seconds, turn OFF the appliance. Discontinue use and DO NOT turn on again. Have pump repaired by a qualified technician.

DO NOT use under wet conditions. Keep away from water. DO NOT place or store product where it can fall or be pulled into water. DO NOT reach for product that has fallen into water. If product falls into water, UNPLUG first before retrieving it or touching water.

DO NOT use near flammable liquids. Motor sparking could cause explosion.



### **WARNING**

DO NOT USE THIS PRODUCT OR ANY AVAILABLE OPTIONAL EQUIPMENT WITHOUT FIRST COMPLETELY READING AND UNDERSTANDING THESE INSTRUCTIONS AND ANY ADDITIONAL INSTRUCTIONAL MATERIAL SUCH AS OWNER'S MANUALS, SERVICE MANUALS OR INSTRUCTION SHEETS SUPPLIED WITH THIS PRODUCT OR OPTIONAL EQUIPMENT. IF YOU ARE UNABLE TO UNDERSTAND THE WARNINGS, CAUTIONS OR INSTRUCTIONS, CONTACT A HEALTHCARE PROFESSIONAL, DEALER OR TECHNICAL PERSONNEL BEFORE ATTEMPTING TO USE THIS EQUIPMENT - OTHERWISE, INJURY OR DAMAGE MAY OCCUR.



### **ACCESSORIES WARNING**

Invacare products are specifically designed and manufactured for use in conjunction with Invacare accessories. Accessories designed by other manufacturers have not been tested by Invacare and are not recommended for use with Invacare products.



### **WARNING**

ALWAYS unplug after use. Plugged in pumps are electrically live even when switched off.

DO NOT leave pump unattended when plugged in.

NEVER leave pump unattended when in use.

Keep out of the reach of children. This is not a toy - children must be supervised. Warn children that improper use can be fatal.

DO NOT use if plastic housing becomes cracked. Have pump repaired by a qualified electrical repair person.

This pump is not for use as a paint sprayer or accessory.

The power supply MUST be 120 V AC.



## WARNING

Prior to each use, inspect product for visible damage. **DO NOT** use if any damage is found.

This product has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. **DO NOT** change the plug in any way.

**DO NOT** obstruct ventilation holes.

For fast inflation and maximum motor cooling, **ALWAYS** use the largest size nozzle possible.

Follow instructions carefully on articles to be inflated. Never exceed recommended pressure. Bursting items can cause serious injury.

**NEVER** allow sand, small rocks, etc. to be sucked into the pump while operating.

**DO NOT** open the case. Electrical hazards may result. No user serviceable parts.

**ALWAYS** allow the pump to cool before storing inside the box after use.

Never twist cord when storing inside the box.

**DO NOT** attempt to put **ANY** objects into the inflation or deflation port at any time.

- ① Check **ALL** parts for shipping damage. If shipping damage is noted, **DO NOT** use. Contact carrier/dealer for further instructions.

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## 3 Technical Data

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### 3.1 Typical Product Parameters

	RAPID INFLATOR/DEFLATOR RAP01
Pressure	1.54 psi
Air Flow	450 LPM
Cable Length	9 ft
Electrical	120 VAC, 60 Hz
Listing	UL
Weight	3.45 lbs

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## 4 Usage

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- ① **NOTE:** For this section, refer to FIGURE 1 on page 4.

### 4.1 Inflating or Deflating Items

1. Plug the power cord into a 120 volt electrical outlet.
2. Examine the inflation valve on the item to be inflated or deflated.

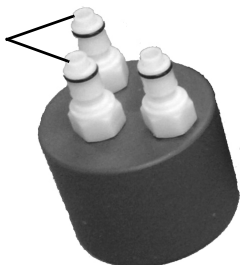
3. Perform one of the following:

- A. The inflation valve on the item to be inflated is smaller than the inflation or deflation port on the pump - Install the desired adaptor onto the inflation port on the pump. Connect the adaptor to the inflation valve on the item to be inflated.

① The Invacare adaptor fits onto mattress hoses in the following ways:

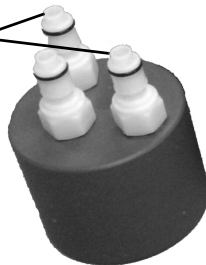
**MA50 and MA51 Mattresses**

Connect These Two Nozzles to the Hose Connectors



**MA55 Mattresses**

Connect These Two Nozzles to the Outer Hose Connectors



- B. The inflation or deflation port on the pump will fit into the inflation valve of the item to be inflated - Insert the inflation or deflation port on the pump directly into the inflation valve of the item to be inflated.

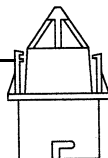
4. Press and hold the switch to turn the pump On.

**DETAIL A - ADAPTORS**

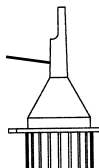
Invacare Adaptor



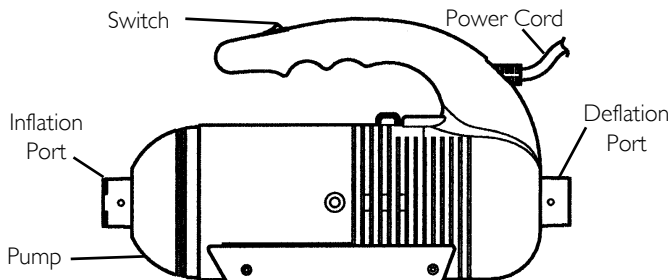
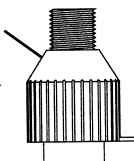
Queen Size Air Mattress Adaptor



Regular Adaptor



Special Boston Adaptor



**FIGURE I** Inflating or Deflating Items

**Invacare Corporation**

[www.invacare.com](http://www.invacare.com)



**Yes, you can.™**

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Technical Services  
800-832-4707

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