

# 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.*

## APP Alternating Pressure Pump CG9701

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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.



#### **WARNING**

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



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

#### I.2 Package Contents

This model number includes one alternating pressure pump and one pad.

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## 2 Safety

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#### **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**

DO NOT use the pad near open flame or while smoking, otherwise, injury may result.



## WARNING

Inspect power cord, plug, or air hoses of the Invacare APP Alternating Pressure Pump for breaks, tears, or kinks. If damage is found, DO NOT use.

DO NOT, under any circumstances, cut or remove the round grounding prong from any plug used with or for Invacare products. Some devices are equipped with three-prong (grounding) plugs for protection against possible shock hazards. Where a two-prong wall receptacle is encountered, it is the personal responsibility and obligation of the customer to contact a qualified electrician and have the two-prong receptacle replaced with a properly grounded three-prong wall receptacle in accordance with the National Electrical Code. If you must use an extension cord, use only a three-wire extension cord having the same or higher electrical rating as the device being connected.

Ensure that the pad is brought up to room temperature before unfolding.

DO NOT place hot objects such as heating pads on top of the pad. This may weaken the pad material and may cause injury.

Use extreme care when handling sharp objects such as needles near the pad.



## WARNING

The pad has a weight limitation of 250 lbs (114 kg).

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

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## 3 Usage

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- ① NOTE: For this section, refer to FIGURE 1 on page 3.

### 3.1 Installing the APP

1. Perform one of the following:
  - A. Place the Invacare APP Alternating Pressure Pump on a flat surface near the bed.
  - B. Open the hooks on the back of the Invacare APP Alternating Pressure Pump and install on the outside of the bed frame as shown in Detail A.
2. Place pad on top of bed mattress.

- ① NOTE: Air chamber openings should be at bed end.

3. Install end flaps over mattress corners to secure pad.
4. Connect the other end of air hoses to the pump (Detail B).
5. Connect air hoses with fittings to the air chamber openings on the pad.
6. Install sheet over pad and bed mattress.
7. Use the pump. Refer to [Using the Pump](#) on page 2.

### 3.2 Using/Adjusting the Pump

#### Using the Pump

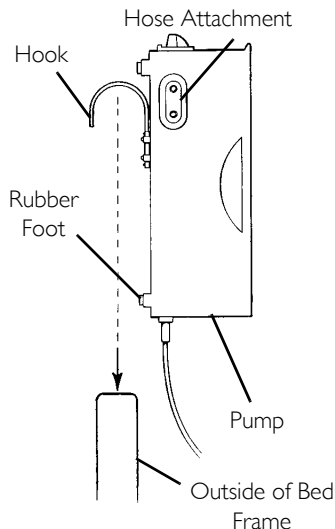
1. Plug power cord into outlet.
2. Turn power switch to the ON position (Detail C).

- ① NOTE: The green light will be illuminated when the pump is in the ON position.
3. Turn knob on pump to the maximum setting (clockwise).
- ① NOTE: It will take approximately 15 minutes for the pad to be fully inflated at the maximum p.s.i.
- NOTE: Keep hose attached to the pad and the pump, otherwise, deflation will occur.
4. Adjust the pump. Refer to Adjusting the Pump on page 3.

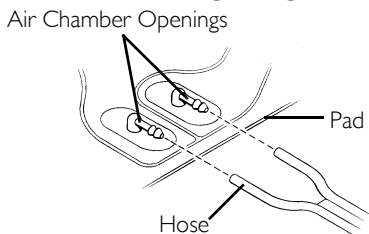
## Adjusting the Pump

- ① NOTE: The pressure of the pump can be adjusted to provide maximum effectiveness and pressure relief for the patient.
- NOTE: The pump will cycle every five minutes, inflating and deflating the two air chambers.
- Put the patient on the pad.
  - Set the pressure to the desired setting by performing one of the following:
    - Increase Pressure - Turn the knob to the right.
    - Decrease Pressure - Turn the knob to the left.
  - Slide the flat portion of your hand between the pad and the mattress.
- ① NOTE: There should be a cushion of air between the pad and the mattress. If not, check pump and pad for leaks, tears, kinks, or breaks. If damage is found, DO NOT use. Contact Carrier/Dealer for further instructions.
4. If pressure is unacceptable for the patient, repeat STEP 2 until the desired pressure is reached.

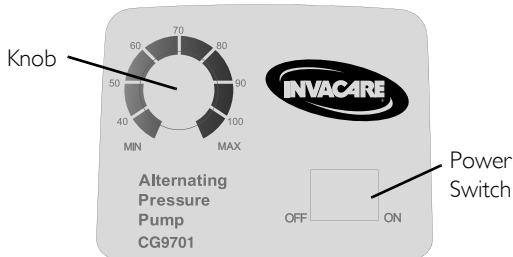
### DETAIL A - ATTACHING THE PUMP TO THE BED



### DETAIL B - ATTACHING THE HOSE



### DETAIL C - CONTROL PANEL



**FIGURE 1** Installing the APP / Using/Adjusting the Pump

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## 4 Cleaning

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The pad can be cleaned by wiping it with a germicidal disinfectant solution.

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## 5 Limited Warranty

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Invacare warrants this product to be free from defects in materials and workmanship.

**① PLEASE NOTE: THE WARRANTY BELOW HAS BEEN DRAFTED TO COMPLY WITH FEDERAL LAW APPLICABLE TO PRODUCTS MANUFACTURED AFTER JULY 4, 1975.**

This warranty is extended only to the original purchaser/user of our products.

This warranty gives you specific legal rights and you may also have other legal rights which vary from state to state. Invacare warrants the pump to be free from defects in materials and workmanship for one year and the pad to be free from defects in materials and workmanship for thirty days for the original purchaser. If within such warranty period any such product shall be proven to be defective, such product shall be repaired or replaced, at Invacare's option, with refurbished or new parts. This warranty does not include any labor or shipping charges incurred in replacement part installation or repair of any such product. Product repairs shall not extend this warranty - coverage for repaired product shall end when this limited warranty terminates. Invacare's sole obligation and your exclusive remedy under this warranty shall be limited to such repair and/or replacement.

For warranty service, please contact the dealer from whom you purchased your Invacare product. In the event you do not receive satisfactory warranty service, please write directly to Invacare at the address on the back page. Provide dealer's name, address, model number, date of purchase, indicate nature of the defect and, if the product is serialized, indicate the serial number.

Invacare Corporation will use a return authorization. The defective unit or parts must be returned for warranty inspection using the serial number, when applicable, as identification within thirty days of return authorization date. DO NOT return products to our factory without our prior consent. C.O.D. shipments will be refused; please prepay shipping charges.

**LIMITATIONS AND EXCLUSIONS: THE WARRANTY SHALL NOT APPLY TO PROBLEMS ARISING FROM NORMAL WEAR OR FAILURE TO ADHERE TO THE ENCLOSED INSTRUCTIONS. IN ADDITION, THE FOREGOING WARRANTY SHALL NOT APPLY TO SERIAL NUMBERED PRODUCTS IF THE SERIAL NUMBER HAS BEEN REMOVED OR DEFACED; PRODUCTS SUBJECTED TO NEGLIGENCE, ACCIDENT, IMPROPER OPERATION, MAINTENANCE OR STORAGE; OR PRODUCTS MODIFIED WITHOUT INVACARE'S EXPRESS WRITTEN CONSENT INCLUDING, BUT NOT LIMITED TO: MODIFICATION THROUGH THE USE OF UNAUTHORIZED PARTS OR ATTACHMENTS; PRODUCTS DAMAGED BY REASON OF REPAIRS MADE TO ANY COMPONENT WITHOUT THE SPECIFIC CONSENT OF INVACARE; PRODUCTS DAMAGED BY CIRCUMSTANCES BEYOND INVACARE'S CONTROL; PRODUCTS REPAIRED BY ANYONE OTHER THAN AN INVACARE DEALER, SUCH EVALUATION SHALL BE SOLELY DETERMINED BY INVACARE.**

THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES WHATSOEVER, WHETHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND THE SOLE REMEDY FOR VIOLATIONS OF ANY WARRANTY WHATSOEVER, SHALL BE LIMITED TO REPAIR OR REPLACEMENT OF THE DEFECTIVE PRODUCT PURSUANT TO THE TERMS CONTAINED HEREIN. THE APPLICATION OF ANY IMPLIED WARRANTY WHATSOEVER SHALL NOT EXTEND BEYOND THE DURATION OF THE EXPRESS WARRANTY PROVIDED HEREIN. INVACARE SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES WHATSOEVER.

THIS WARRANTY SHALL BE EXTENDED TO COMPLY WITH STATE/PROVINCIAL LAWS AND REQUIREMENTS.

**Invacare Corporation**

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**Yes, you can.®**

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