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PROTEKT 1ST DEFENSE DYNAMIC HYBRID PRESSURE PREVENTION MATTRESS SYSTEM

Model #: 82030

INTENDED USE

The Protekt 1ST Defense pump and mattress are intended to reduce the incidence of pressure ulcers while optimizing patient comfort.

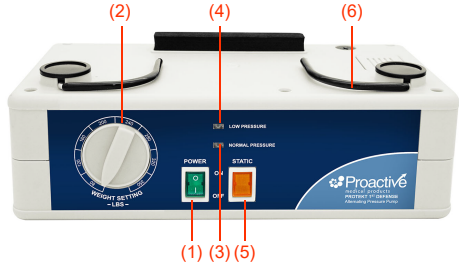
PRODUCT FUNCTIONS

Pump

The functions of the Protekt 1ST Defense pump are described below. Please refer to the figures:

- **Power Switch (1)**
  Turn ON/OFF the power (green), the pump will start/stop operation.
- **Weight Adjust Knob (2)**
  Turn the weight knob to set at a comfortable weight level.
- **Normal Pressure Indicator (3)**
  A visible indicator (green) tells that the pressure has reached a preset or user-defined level.
- **Low Pressure Indicator (4)**
  A visible indicator (orange) warns the pressure is below a preset or user-defined level.
- **Static Control (5)**
  Press to set the air mattress in static mode.

1. Power Switch
2. Weight Adjust Knob
3. Normal Pressure Indicator
4. Low Pressure Indicator
5. Static Control
6. Hanging Brackets



Mattress

The Protekt 1st Defense Mattress is composed of a combination of components which include:

- Foam pressure redistribution insert.
- Nylon water resistant top cover with pocket for foam insert.
- Nylon/PVC air bladders.
- Non-skid heavy duty vinyl bottom cover.

OPERATING INSTRUCTIONS

- Place pump on horizontal surface or hang it by means of the hook.
- Open mattress on the bed. Secure it with end flaps or straps. Air tubes must be at foot end of bed.
- Connect air feed tubes to air outlet on the mattress and pump, ensuring that the tubes are not kinked or twisted. Allow space for bed rails to drop freely.
- Turn on the pump power. The indicator of the power switch will come on. The pump starts to pump air into the mattress.
- The Low Pressure Indicator (orange) will come on as inflation initiates.
- When the pressure reaches the preset level within approximately 30 minutes, the Normal Pressure indicator will come on, and the Low Pressure Indicator will turn off.
- Turn the Weight Adjust Knob to set a comfortable weight level.

ENVIRONMENT REQUIREMENTS

- Operation Temperature: 50°F~95°F (10°C~35°C)
- Storage Temperature: 5°F~122°F (-15°C~50°C)
- Operation Humidity: 20%~80% non-condensing
- Storage Humidity: 10%~90% non-condensing

CLEANING GUIDELINES **(When cleaning the inside of the mattress, remove foam insert).**

- Can be cleaned by disinfectant solution
- Do not immerse the pump in water
- Do not heat or steam in autoclave
- The mattress and cover are aerated until they are fully dry

TECHNICAL SPECIFICATIONS

Pump	Mattress
Item: Protekt 1ST Defense	Item: Protekt 1ST Defense
Power supply: 120V/60Hz, 1A	Size: 80”(L)x36”(W)x7”(H)
Air output: 9 Liter/min.	Top cover: Nylon/PU with zipper
Pressure range: 30mmHg-60mmHg	Air cells: Nylon/PVC
Cycle time: 10 min.	Base: Nylon/PVC
Power consumption: 9W	16 air cells
Normal/Low pressure light	CPR valve for emergency procedures
Static mode	Pillow function
Size: 10.83”(L)x5.31”(W)x3.54”(H)	Quick connectors
Weight: 3 Lbs	With low air loss

IMPORTANT SAFEGUARDS

When using electrical products, especially when children are present, basic safety precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING - DANGER!

To reduce the risk of electrocution:

- Always unplug this product immediately after use.
- Do not use while bathing.
- Do not place or store product where it can fall or be pulled into a tub or sink.
- Do not place or drop into water or other liquids.
- Do not reach for a product that has fallen into water. Unplug immediately.

WARNING

To reduce the risk of burns, electrocution, fire or injury to persons:

- A product should never be left unattended when plugged in.
- Close supervision is necessary when this product is used by, on, or near children or invalids.
- Use this product only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer.
- Never operate this product if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the product to a service center for examination and repair.
- Keep the cord away from heated surfaces.
- Never block the air openings of the product or place it on a soft surface, such as a bed or couch, where the air openings may be blocked. Keep the air openings free of lint, hair and the like.
- Never drop or insert any object into any opening or hose.
- Do not use outdoors or operate where aerosol (spray) products are being used.
- Connect this product to a properly grounded outlet only. See Grounding Instructions.

GROUNDING

Before any connection is made, make certain that this product is connected to a protective earth conductor via the three-wire power cord; the three-blade plug should be inserted only into a socket outlet that provides a protective earth contact.

ENTRAPMENT GUIDELINES

The use of Bed Rails is dependent on the setting as well as the facilities protocols. Proactive Medical does not make product recommendations for any given patient. Those decisions are the responsibility of the health care facility and/or health care professional(s) familiar with each patient's unique requirements. Proactive Medical support surfaces are made to fit standard hospital and health care facility beds. However, variations in bed rail dimensions, mattress compression based on patient size and shape, conditions such as dementia, seizure disorders, sleeping problems, incontinence, and restlessness could create an entrapment risk. Proper patient assessment, monitoring, equipment use, and maintenance are required to reduce entrapment risk.

TROUBLE SHOOTING

Problems:	**Solutions:**
The pump doesn't work	1. Check if the plug is inserted firmly into the outlet. 2. Turn on the power switch again. * If the power indicator is ON and the pump still doesn't work, contact your local dealer immediately. * If the power indicator is OFF, there may be a faulty outlet. Try to connect the power cord to another outlet. If the power indicator is still OFF, contact a qualified electrician for main power check.
Incomplete inflation (Low Pressure)	1. For a quick check, adjust the pressure to Firm. 2. Check to see if the tubes connected to the pump are twisted or there is any leakage occurring. * Always keep the tubes straight. * Change tubes if there is any leakage. * Ensure the CPR valves are closed. Ensure every single cell is not broken.
Slow Air Flow	1. A dirty filter may decrease the air flow. Replace the filter when dirty. * Check the air filter at the back of the pump at least once a month.

LIMITED WARRANTY

Your Proactive Medical branded product is warranted to be free of defects in materials and workmanship for 2 Years Non-Prorated from the date of purchase for the original consumer. This device was built to exacting standards and carefully inspected prior to shipment. This Non-Prorated 2 Year Warranty is an expression of our confidence in the materials and workmanship of our products and our assurance to the consumer of years of dependable service. This warranty does not cover device failure due to owner misuse or negligence, or normal wear and tear. The warranty does not extend to non-durable components, such as rubber accessories, casters, and grips, which are subject to normal wear and need periodic replacement. If you have any questions about your Proactive Medical device or this warranty, please contact an authorized Proactive Medical dealer.

Weight Capacity: 350 lbs.