

# **Lymphadema Pump**

## **Alternating Pressure Sequential Pump**

The Alternating Pressure Pump (APP) Unit is for rent/sale only with the direct order of a physician.

### **WARNINGS**

Do not use your pump while bathing or in any wet or damp location.

Your pump should never be left unattended while plugged in.

Do not operate pump if any of the cord or plug is damaged.

Do not place the pump where it or the power cord or the air delivery tube will present a hazard for other persons to trip or fall over.

If you have any mechanical trouble with the pump please call us at your earliest convenience.

### **OPERATING PRINCIPLE**

The Alternating Pressure Pump (APP) is designed to aid in the reduction and control of edema (swelling) and other disorders, which respond to compression therapy. The pump is used in conjunction with a compression sleeve, which is inflated intermittently to produce a "pumping action". The pumping action gently forces fluids trapped in the extremity, enclosed by the sleeve, to be returned to the circulatory system, from which they can be eliminated from the body by natural processes.

### **SETUP**

Make sure the on/off switch is set to 'off' before starting set-up procedures.

Do not turn the pump pressure setting below 30 mm Hg.

1. Choose a location that you can relax and have your arm or leg straight out without being a hazard to other people in the room.
2. Connect the power cord to the Wall outlet (110 to 120 volts only).
3. Attach the air delivery tube to the pump by pressing either end fitting of the tube firmly into the intermittent outlet (either may be used). Press the plug firmly into one outlet to prevent air loss during pump operation and plug the air delivery tube into the other outlet.
4. If your sleeve requires an expansion insert for proper sizing, install the insert and its associated tubing onto the sleeve now.
5. Insert the free end or each air delivery tube firmly into the air inlet port of each compression sleeve.
6. Unzip your sleeve to simplify application
7. If using a leg sleeve place it around the leg to be treated so that the zipper, when closed will be on the front surface area of the leg.
8. If using an arm sleeve, place it around the affected arm. When closed, you may want to position the air inlet ports away from the inside surface area of the arm.
9. Now zip up the sleeve fully after application.
10. Place the extremity in a comfortable position, fully extended and preferably slightly elevated
11. Make sure the air delivery tube is not kinked or pinched

## **TO BEGIN THERAPY**

1. Turn the power switch to the 'on' position.
2. Turn the pressure control knob to the prescribed setting that was ordered by your physician. Do not adjust it for any more or less without the consent of your physician. While observing the pressure gauge, slowly adjust the pressure control by turning the knob clockwise. The sleeve will begin to inflate within 90 seconds.
4. Continue to adjust the pressure gauge until the prescribed pressure is met.
5. Several inflation/deflation cycles may be required before the sleeve is fully inflated

## **TO END THERAPY**

1. Following treatment, turn the on / off switch to the 'off' position,
2. Allow your compression sleeve to deflate gradually.
3. Disconnect to air delivery tube from the pump control panel to allow any remaining air to escape.
4. Unzip and remove your compression sleeve from your extremity.

Note: After removing your compression sleeve, you may notice ridges or raised bumps on the treated extremity. Such welts are caused by the pressure applied by the sleeve: they are of no consequence and will disappear in 25 to 30 minutes.

## **CLEANING INSTRUCTIONS**

### **Pump**

Unplug the power supply cord from the electrical outlet. Wipe all accessible surfaces, including the power cord and air delivery tube with a clean cloth DAMPENED with standard household liquid detergent diluted to the manufactures recommendation for general cleaning. After cleaning, repeat the wipe down with a clean cloth dampened with clear water and allow the pump to air dry.

Before plugging the pump back in make sure it is completely dry and no moisture is on any part of the pump or power cord.

### **Sleeve**

You may use a mild detergent as above, with the sleeve also. Wipe down both the inside and outside of the sleeve then let air dry. Do not put sleeve in the dryer.

## **TROUBLESHOOTING**

If pump does not operate, make sure it is plugged into an outlet that is in good working order.

If the pump runs, but the sleeve does not inflate or barely inflates,  
make sure that the pressure control knob is set to the prescribed setting.  
Make sure the air delivery tube is not kinked or pinched.  
Make sure the air delivery tube has no holes in it.  
Make sure the sleeve has no holes in it.

## **Warranty:**

If you have purchased the pump your warranty is for 1 year. The pad does not carry a warranty. If you are renting the pump and pad your warranty is for the length of the rental period.