

## **CARING FOR YOUR EMPTIER**

(mini emptier)

Your new emptier is very reliable and requires little maintenance. Clean water is what we recommend for a daily flushing. You may use a germicide or vinegar as long as you flush with water last. Vinegar will damage the plunger pad if left in the emptier. Chlorine bleach should never be used.

The only equipment needed is a squeeze bottle with the same size hose as the leg-bag. The following should be incorporated into your end of day routine.

- 1) Empty leg-bag, turn off or clamp manual valve.
- 2) With emptier still on, have your attendant pull the leg-bag hose off the emptier while at the same time holding down the emptier with other hand.
- 3) Replace the leg-bag hose (on the emptier) with the hose on the cleaner bottle, invert the bottle and flush the valve for a couple of seconds.

On the rare occasion that your emptier may drip or leak, it will require some minor disassembling and cleaning. Usually this is caused by calcium build-up or pubic hairs interfering with the emptier seal. The following steps will need to be taken. We recommend downloading and watching the short video demonstration, located on our manuals page, before beginning.

- 1) Flush emptier as outlined above.
- 2) Remove from mounting location or from hose if mounted inline.
- 3) A large screw is located on the opposite end to the barbed fittings. Remove it using the appropriate size hex wrench 5/32" (Allen Key), then slide out the valve body.
- 4) While gripping the barbed fittings and valve body with one hand, insert the hex wrench into the end of the valve stem and rotated to unscrew the stem from the body. Take care to avoid damaging the "O" ring. If there is too great of resistance for unscrewing by hand, then the valve body will need to be gripped in a soft fabric lined vice, taking care not to break the barbed fittings. A swift & sharp motion with the hex wrench is usually necessary.
- 5) Flush the parts with clean water to remove any crystals or pubic hair. If there is a built up coating of scale, soak the parts in oven cleaner of 3 to 4 hours or overnight. The use of a small brass wire brush may be necessary. Always rinse thoroughly, and wear eye protection and rubber gloves.
- 6) Reassemble by reversing the above steps

### **Power Bank Maintenance** ( manual chair installations only ):

The small power bank, supplied with the manual chair kit, should be kept clean and dry. After installation use the power bank until the last power indicator remains, then charge using any USB port on your computer or iPad charger. Please note how long your power bank lasts, as this will tell you how long between recharges and could help you avoid some embarrassing situations.

It has been our experience that the most common time that an Emptier has failed to work is right after the wheelchair's batteries have been replaced. That has always meant that the service person has not reinstalled the emptier's power supply properly.

- 1) Always have emptier installation instructions and wiring diagram handy when service personnel arrive.
- 2) Always test emptier **BEFORE** battery cover is replaced.
- 3) Always **INSIST THAT EMPTIER WORK AS IT DID BEFORE.**

**WARRANTY** - Assistive Designs warrants each of its products to be free from defects in material and/or workmanship for a period of twelve (12) months from the date of purchase by the customer. This warranty is expressly in lieu of all other warranties, expressed or implied. This warranty shall not apply to Assistive Designs equipment which shall have been repaired or altered by unauthorized service personnel, or which has been subjected to misuse, damage, or operated in a way other than its intended use. This warranty does not cover damage in transit. **ASSISTIVE DESIGNS, ITS EMPLOYEES AND OFFICERS SHALL NOT BE LIABLE FOR ANY SPECIAL, CONSEQUENTIAL OR INCIDENTAL DAMAGES, OR RESULTANT COSTS HOWEVER CAUSED.**

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## **TROUBLE SHOOTING**

1.     -Check that all connectors are plugged in properly.  
-Check that all wires are intact and not broken or bare.
2.     -Check that the battery connections are the correct voltage for your emptier.
3.     -Check the fuse. (1A 250V fast blow)
4.     -Check that the batteries are charged.
5.     -Check that both switches are in the down position when you are attempting to operate the emptier.
6.     -If the fuse blows for an unknown reason have the system checked by a qualified electrical technician before operating again.
7.     -Contact:  
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