

Academy Tech Tips

Power flush for P4 Harmony pumps 4R180/4R181

The Tech Bulletin series is designed to quickly and easily provide useful information regarding Ottobock products and services. In this issue, we will focus on Harmony 4R180/4R181.



When doing a power flush please follow the instructions below:

You will need the barb adapter Part number (4R180-T-X-1/8) that was provided with the pump see Fig 1.

Step 1. Remove socket and foot from pump to prevent possible damage to foot . Step 2. Insert barb adapter with tubing to the top of the pump. The tubing should be dropped into a hot cup of water Fig 2. Step 3. Place pump on towel. Step 4. Using the palm of your hand, compress the pump up and down until water is completely flushed though the pump Fig 3. Check vacuum with gauge, repeat flush if necessary. (vacuum gauge kit 4R131)



Fig 1.



Fig 2.



Fig 3.

Apply a small amount of Vaseline/grease to the threads of the ring. This will help prevent the ring from seizing to the mating portion of the lamination ring.

After this you can reinstall the socket, torque to 50Nm. Next, tighten the two small screws on the underside of the threaded ring. Last step will be to reinstall the foot back on the pump.

If you have any further questions, please contact Ottobock at 800 328 4058 and ask to speak with a member of our Professional and Clinical Services department.