



## How to use the Spa Filter Spinner:

1. Fill one bucket with water (5-gallon buckets work well). OPTIONAL: Add filter cleaning solution to bucket, second bucket with fresh water to flush filters
2. Loosen Handle Nut so it is not compressing rubber plug
3. Connect filter spinner widget to filter (CAREFUL: Ensure plug is centered and drive shaft is perfectly vertical with the filter – any slight angle will cause filter to rock violently when rotating at higher RPMs)
4. Tighten Handle Nut until rubber plug is compressed and gripping filter. (CAUTION: Avoid over-tightening nut and breaking filter – we are not liable for damage caused by over-tightening!)
5. Attach Filter Spinner to Battery powered drill (NOTE: Do NOT use with a plug-in power drill)
6. Insert filter into bucket. Use low speed RPMs to swish water through filter pleats. Switch from forward to reverse to flush water in opposite directions through the pleats
7. Remove filter from water bucket, move to empty bucket. CAREFULLY spin up your power drill to pull dirt out of the filters (we advise not exceeding a maximum of 1500 RPMs)
8. Repeat if necessary before reinstalling back into hot tub.

This filter attachment fits all standard battery powered drills with its 1/4-inch quick change hex head drive shaft.

### **Safety and Tips:**

- Wear eye protection when spinning the filter at high RPMs to avoid injuries.
- Make sure to select the proper plug size for your filter's inside diameter – contact us if you need assistance.
- Use extreme caution when tightening the locking handle nut to avoid breaking the filter frame.
- Be careful when spinning the drill at high RPMs, as the filter may break free from the widget if not properly installed.
- The widget works best with a Quick-change keyless 1/4 in. hex chuck.
- Use a battery-powered drill to avoid the risk of electrocution.
- Allow the drill to stop moving before handling the filter.
- Always start at low-speed RPMs until you're comfortable with the cleaning procedure and have verified that the Filter Spinner is properly installed on the filter.

### **Important Notes:**

- This product is a consumable item and is warranted against defective parts and labor only, not from misuse or normal wear and tear.
- While most power drills will work, a 1/4 quick-change hex mount works best to lock the spinner into place securely.
- Not all power drills may have sufficient torque. For larger filters requiring higher RPMs, consider using a drill with more torque to ensure optimal performance.
- This tool is designed to work best on filters with straight and smooth openings. While it may also function with threaded filters, please note that it might not grip the filter as effectively for maximum torque.
- We are not liable for damage to your filters when using this product. Please use extreme caution, especially with older filters.
- Use extreme caution when tightening the locking handle nut to avoid breaking the filter frame.