

# BUFFALO FILTER®

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## Laser and Electrosurgery Smoke Plume Filter

### Part Number BPTU100

#### INSTRUCTIONS

The Buffalo Filter Laser and Electrosurgery Smoke Plume Filter is designed to be a replacement filter (Buffalo Filter P/N BPTU100) for the Stackhouse® ULPA Filter (Stackhouse P/N PTU-100). Filter is used in the Stackhouse Point One™ Smoke Filtration System, PT1000.

Before using the Buffalo Filter replacement filter P/N BPTU100:

1. Inspect the new Buffalo Filter, BPTU100, for damage during shipment. The filter must be free of scrapes and abrasions. The filter is supplied with plastic compression pads on the **top** surface, and ¼" gasket material on the **bottom** surface.
2. Record filter information from the label on the side of the filter for future reference.
3. Install the ULPA filter by first loosening (turning six full turns) the "compression screws" on the top cover. Do not completely remove the screws of the top section.
4. Remove the eight "Band Screws" from around the middle band.
5. Lift the whole filter section clear of the filter assembly.  
**Note: If the used ULPA Filter does not easily detach from the upper section, strike the upper section sharply onto the base unit until the ULPA Filter is freed.**
6. Remove the used ULPA filter and dispose in a safe and acceptable manner. Do not directly handle the lower surface of the removed filter as it may be contaminated.
7. Silicone lubricant can now be applied liberally to the gasket material prior to installation. Insert the ULPA Filter into the top section of Stackhouse Point One unit gasket side down. Push the filter in until seated in unit. Gasket must be sealed into unit before reassembling top cover and filter assembly.
8. Carefully place the upper section over the ULPA Filter. Match the side with the louvers with the side of the lower section having the electrical control panel. Reinstall the eight band screws and verify that all holes are lined up and all screws are in place.
9. Tighten the 4 filter compression screws on the top of the unit until contact with the filter compression pads is felt. There should be approximately 1/8-inch clearance between the screw head and lid at this point. Note: If there is not a 1/8" gap, contact Biomedical Engineering or Buffalo Filter directly.
10. Once all four compression screws are evenly secured, **bottom** the screws against the cabinet lid.

**Buffalo Filter ULPA (P/N BPTU100) should be changed every at least every 180 days or 100 hours of operation.**  
To protect filter during "Wet" cases install suction container (Buffalo Filter part no. SCC1001) between patient and filter.

**For ordering information:**

**Buffalo Filter®**  
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