

# Disposable Media Filters

## Go Green — Help Protect the Environment

Want to reduce the costs of radwaste processing and waste disposal? Trust the proven technology of Nuclear Parts Center's (NPC) exclusive new Disposable Media Filter (DMF). The savings can range up to \$1000 per item. In fact, some customers saved an additional 40 percent in maintenance labor costs alone. Plus, our new DMF further illustrates our commitment to sustainable development by protecting the environment from excessive, unnecessary waste.

## Exclusive New Filter Design

Our environmentally friendly Disposable Media Filter is a two-part system designed to easily reduce the volume of disposable parts. The system comprises a disposable media cartridge and a stainless steel adapter. The adapter provides a necessary interface between the vessel and the cartridge, and forms a support structure for the cartridge, taking the dynamic filtration loads. The stainless steel adapter becomes a semi-permanent part of the filter vessel, providing the strength necessary for the filter to maintain structural integrity at service up to 75 psid at 250°F for polypropylene and polysulfone and 230°F for glass fiber media.

You can insert the adapter into the vessel in the same manner as the original cartridge, and then lock it into place using simple tooling. Once the adapter is in place, simply insert our unique media filter cartridge into the adapter. When filter cartridge replacement is necessary, only the disposable media is removed, leaving the adapter in place. We recommend adapter removal every five years based on the customer's elastomeric life guidelines or to replace the rubber seal.

## Easy Disposal

When you need to replace the filter cartridge, simply send the used one to the radioactive waste handling facility. They can easily compact or incinerate the materials. And, in some cases, they can shred the materials and combine them with low-level waste — resulting in substantial disposal cost savings.

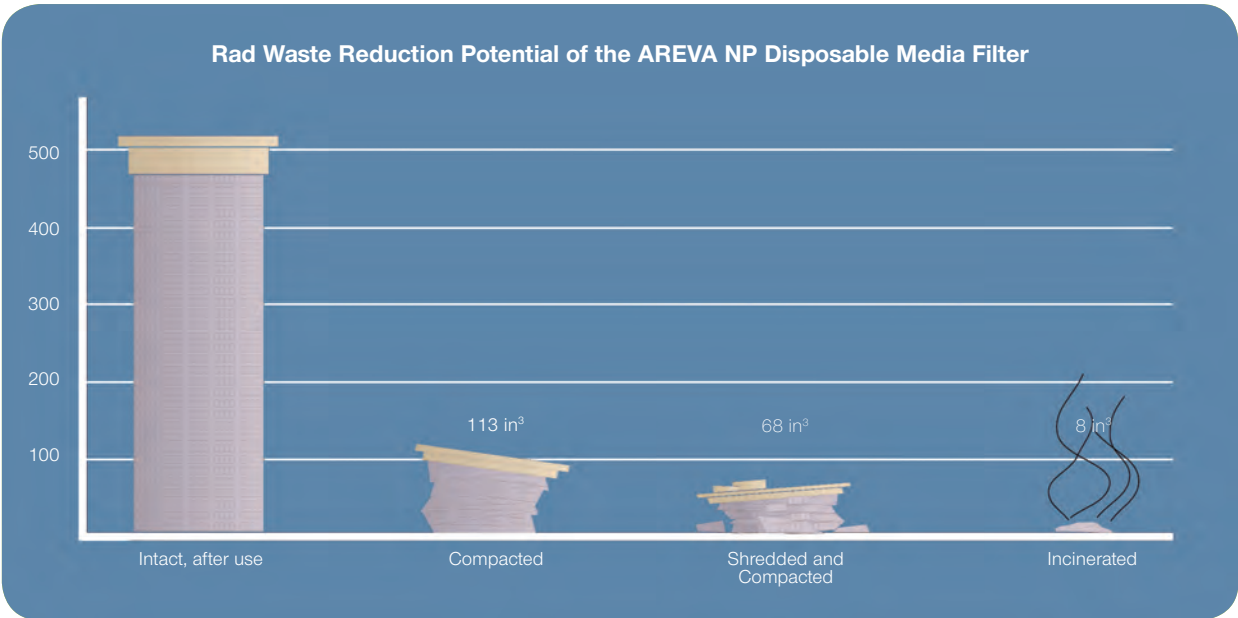


## The Savings Can Multiply Rapidly

The average cost of the original OEM filter ranged up to \$1500. DMF cartridges? Only \$500.

## Features and Benefits

- The disposable media filter provides the same high efficiency as our standard filter, and is more economical.
- Unique construction enables shredding, incineration or easy compacting of spent filters. Substantial volume and weight reduction results in cost savings to the utility.
- The AREVA filter is tested to ASTM F-795.
- The filter media and stainless steel outer adapter have been full-scale tested to ensure they will maintain their integrity at 75 psid at 250°F for polypropylene and 230°F for glass fiber media.
- The AREVA filter is easy to cut apart for radiation level classification.



**AREVA Inc. Corporate Headquarters**  
 7207 IBM Drive  
 Charlotte, NC 28262

For more information, contact  
 Ron Jaworowski: 705-804-2180  
[www.us.aveva-np.com/CISweb](http://www.us.aveva-np.com/CISweb),  
 or your VP, Key Accounts:  
 Tel: 704 805 2305 – Fax: 434 382 5629  
[regional.manager@areva.com](mailto:regional.manager@areva.com)  
[www.us.aveva.com](http://www.us.aveva.com)

The data and information contained herein are provided solely for illustration and informational purposes and create no legal obligations by AREVA. None of the information or data is intended by AREVA to be a representation or a warranty of any kind, expressed or implied, and AREVA assumes no liability for the use of or reliance on any information or data disclosed in this document. © 2014 AREVA Inc. All rights reserved.