Renting Norit filters

Why rent Norit mobile filters?

Norit offers mobile filter vessels for a wide variety of adsorption applications. The filters are filled with fresh or reactivated granular activated carbon (GAC). The benefits that a customer derives from choosing mobile filters rather than permanent filter vessels are:

- Ideal for temporary solutions, e.g. emergencies
- Flexible rental period
- Modular set up allows the number of filters needed to be adapted
- Quick and easy to install
- No on-site handling of GAC during exchanges
- Very suitable for trial runs
- No capital investment needed by the user

Main applications

Gas/Air: Norit AERO# Filters
In gas/air applications the mobile filters are used for purification of process exhaust gasses and vent air streams. Examples include combating the emissions of odorous compounds, solvents and siloxanes. The stainless steel filter is placed on a robust galvanized frame and is suitable for flows in the range 150 - 2000 m$^3$/h. For further details, see Norit Technical Bulletin 148.

Food/Fine Chemicals: Norit PURO# Filters
Typical applications for food/fine chemicals include the purification of beverages, sweeteners, glycerin, and pharmaceuticals. Treatment objectives are color removal, provision of long-term color stability and removal of off-tastes and odors. The filters are made from high-quality stainless steel and their design allows for optimal cleaning, in order to ensure a food grade operation. The available capacity of the standard filters is 2 m$^3$/h. For further details, see Norit Technical Bulletin 144.
Norit Nederland BV reserves the right to make changes in the technical specifications at any time.

Norithene S/E 2-2009

Application
Gas/Air
Food/Beverage
Fine Chemicals
Water

Thermal reactivation of exhausted GAC

Today, the exhausted GAC is reactivated rather than used one-time and disposed. Norit provides reactivation services at its plants in The Netherlands, United Kingdom and Italy. The Norit rental filters are supplied from these sites as well. Transport of used GAC is subject of Regulation (EC) 1013/2006; for further information, please refer to Norit Technical Bulletin 84 “Reactivation of exhausted GAC: acceptance procedures and transport regulations in the EU”.

Finding the right fit

For more information, please contact your nearest Norit sales office or agent or visit our website www.norit-ac.com. Ask for our Rentals Questionnaire so that we can provide you with more specific information regarding the availability and suitability of Norit rental filters.

<table>
<thead>
<tr>
<th>Application</th>
<th>Type</th>
<th>Material</th>
<th>GAC volume (m³)</th>
<th>Max. Flow (m³/h)</th>
<th>Max. pressure (barg)</th>
<th>Max. temperature (°C)</th>
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<td>Norit PURO#2 SS</td>
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