

Energy & Chemicals

Transforming Energy & Chemicals with Cutting-Edge Filter Technology

In the dynamic world of energy and chemicals, innovation in filtration technology is paramount. Royal Dahlman stands at the forefront, delivering high-end filtration solutions that drive efficiency and performance. With decades of expertise, we provide cutting-edge technology that meets the rigorous demands of the industry, ensuring reliable, robust production.

Energy & Chemicals production

- **FCC Slurry Oil & FCC Flue Gas**

In the realm of energy and chemicals, the efficient handling of FCC slurry oil and FCC flue gas is crucial. Our advanced filtration solutions ensure the purity and performance of these byproducts, optimizing their use in various industrial processes. With our cutting-edge technology, we help enhance the efficiency and reliability of your operations, addressing the unique challenges of FCC slurry oil and flue gas management.

Syngas

In the production of syngas, efficient filtration is essential to ensure the purity and performance of the gas. Royal Dahlman offers advanced filtration solutions that enhance the syngas production process. Our cutting-edge technology and decades of expertise enable us to provide tailored solutions that meet the specific needs of our clients. By ensuring the removal of impurities, we help optimize the efficiency and reliability of syngas production, adding significant value to your operations.

Polymers

In the production of polymers, such as in PP/PE plants and the rubber and solutions industries, efficient filtration is critical. Royal Dahlman provides advanced filtration solutions that ensure the purity and quality of polymer products. Our state-of-the-art technology and extensive experience enable us to deliver tailored solutions that meet the specific demands of polymer production. By effectively removing impurities, we enhance the efficiency and reliability of your processes, adding significant value to your operations.



Gas Treating Solvents

In gas treating units (GTUs) and Carbon Capturing and Storage (CCS) facilities, the efficient filtration of gas treating solvents is essential. Royal Dahlman and Porvair offer advanced filtration solutions that ensure the purity and effectiveness of these solvents. Our cutting-edge technology and extensive experience enable us to provide tailored solutions that meet the specific needs of gas treating processes. By removing impurities, we enhance the efficiency and reliability of your operations, adding significant value to your gas treating and carbon capture efforts.

Why choose Royal Dahlman?

Royal Dahlman is dedicated to pioneering advancements in filtration technology for the energy and chemicals sectors. With decades of experience and a deep understanding of the unique challenges in these industries, we offer bespoke filtration solutions tailored to meet the specific needs of our clients. Our innovative approach, coupled with a commitment to quality, makes us a trusted partner in your journey towards enhanced efficiency and performance. From testing on a laboratory scale or pilot scale up to fully dressed filtration packages, let us join you in implementing our cutting-edge filtration technology.

