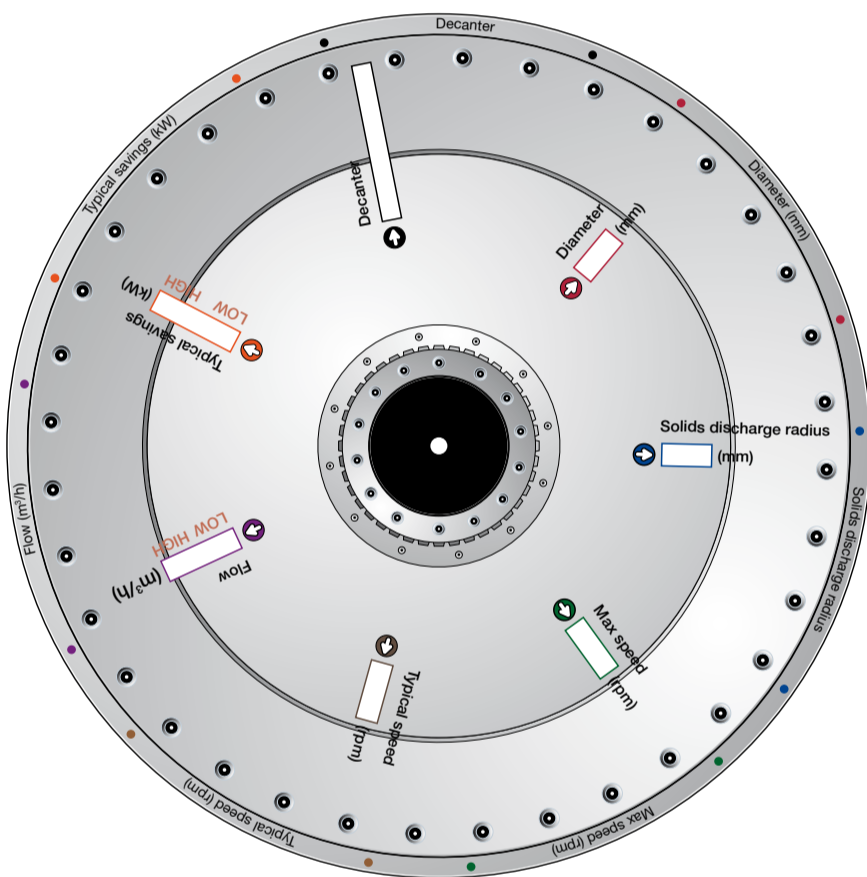


Reduced impact on the environment is the other half.

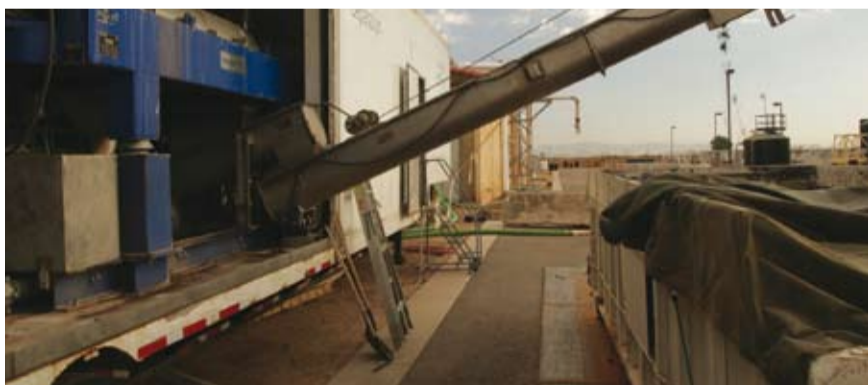
It's win-win with Power Plates from Alfa Laval Parts and Service.



Power Plates can be installed on most Alfa Laval decanters.



Power Plate Savings Calculation Wheel.



Power Plates are saving the plant money round the clock.



The plant's large decanter now draws 20% less power.

Cutting costs and going green have never been so easy. Now you can do both with one convenient upgrade. Power Plates from Alfa Laval give you an easy way to reduce the energy consumption of your decanters.

You will reduce costs in the face of rising energy prices and taking this initiative will help reduce your plant's impact on the environment. All for a reasonable investment and from a name you can trust.

There are six different Power Plate kits to fit various decanter diameters. The savings become even greater as the decanter size increases. Large or small, you will always experience savings.

Smart and sensible

The Power Plates capture some of the liquid discharge velocity and transfer it in the opposite direction of the bowl rotation. Therefore, the total effluent velocity is reduced, which means less energy is consumed by using Power Plates.

Power Plates can quickly and easily be installed with minimal disruption to production.

Everybody wins

The results will be measurable from day one. Flow-dependent power consumption will be reduced by a minimum of 25%. In most cases, the plates pay for themselves within one to one and a half years – in some cases even less. It also means you'll be better able to meet environmental regulations and will be recognized for helping to support a sustainable environment.

To start saving on energy costs, install Power Plates at your next scheduled service or any time you choose.

See for yourself

Want to find out how much you stand to save? Use the calculation wheel and find out in a few seconds. The wheel shows potential reduction in energy consumption based on seven parameters. Just select your decanter on the Power Plate Savings Calculation Wheel to see how much you can save – and more. *Contact your local Alfa Laval representative for a calculation using your specific parameters to realize your full savings potential.*

Case study #1

Saving energy day and night

A wastewater treatment plant operating 24/7 is already realizing energy-saving benefits. They installed Power Plates on their NX 439 decanter processing 25 m³/hour. The decanter draws 10% less power from the main motor (down to 17.5 kWh from 20 kWh) and they are saving 25% on flow-dependent power. The plant now more efficiently serves its local community of 250,000 residents.

Case study #2

Big savings for a big machine

Another wastewater treatment plant is taking advantage of the savings of Power Plates. For eight hours a day, their NX 945 decanter processes 60 m³/hour. With Power Plates installed, the plant's energy consumption for the decanter dropped by 20%, from 58 kWh down to 46 kWh. Not only are they saving on energy costs, but building a reputation for being environmentally aware as well – every kWh saved equals 0.5 kg less CO₂ emitted.

Introducing Power Plates from Alfa Laval Parts and Service

Produced energy costs
is only half the story.



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How to contact Alfa Laval:
Up-to-date Alfa Laval contact details for all
countries are always available on our website at
www.alfalaval.com

