



## Power plant steam condenser

Power plant, France

Case story



Space restrictions were a major concern for a French power plant evaluating heat exchangers for use as a steam condenser. The company needed a solution with a minimal footprint that could increase the efficiency of its steam turbine.

Alfa Laval DuroShell offered the perfect choice. Because it can both condense steam and subcool the condensate in the same unit, the plant was able to save a tremendous amount of space.

### Results

- Highly compact solution
- Condenses steam and subcools the condensate in the same unit
- Reliable and fatigue-resistant design
- Minimal maintenance



**DuroShell RollerCoaster**  
Robust and efficient performance.



**DuroShell PowerPack**  
Optimized flow distribution and fatigue resistance.

Learn more at [www.alfalaval.com/duroshell](http://www.alfalaval.com/duroshell)



### Why Alfa Laval DuroShell

#### Maximize uptime

- High reliability and fatigue resistance
- Minimal maintenance

#### Cut costs

- Low investment cost
- Minimal energy consumption
- Reduced maintenance costs

#### Increase capacity

- DuroShell's compact size and high thermal efficiency make it easy to increase capacity to solve heating and cooling limitations

#### 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](http://www.alfalaval.com).

Alfa Laval reserves the right to change specifications without prior notification.

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