



# Alfa Laval EPC 70 upgrade for separators with EPC 50

## Modernization to today's state-of-the-art separator control

The EPC 50 control system for Alfa Laval S and P separators was introduced in 1999. Discontinued for use with new separators since 2010, it is now two generations old and has become outdated as electronics have evolved. Alfa Laval can provide a reliable upgrade from the EPC 50 to today's EPC 70, equipping your older S and P separators with modern, state-of-the-art control.

### What we do

We make it possible for older separators to benefit from the latest control system advances. Besides a large touchscreen interface that makes separator operation easy, the EPC 70 has latest-generation components, modular I/O boards, modern automation architecture and up-to-date software. Not only do these ensure optimal performance, they also facilitate onboard connections, diagnostics, spare parts acquisition and repairs.

We prepare an EPC 70 upgrade package on demand, matching it to your specific EPC 50 installation. In preparation, we will contact you for relevant details about your separator, its connections and the media with which you use it. Depending on your needs, an Alfa Laval Marine Service expert can both install the upgrade and commission it afterwards.



### Why upgrade to the EPC 70?

EPC 50 is  
outdated

Advantages  
in the latest  
technology

Improved  
separator  
operation



### Benefits

- Marine-approved hardware and carefully designed software for safe, reliable and efficient separator operation
- Large touchscreen interface for improved overview and easier control
- Latest-generation electronic components with readily available spare parts
- Modular I/O boards that simplify diagnostics and repairs
- Modern automation architecture that enables connection to advanced monitoring and control systems
- Plug-and-play design for easy installation

### Scope of service

- Identification of existing separator and EPC 50 setup
- Preparation of EPC 70 upgrade package
- Upgrade installation (by an Alfa Laval Marine Service expert if desired)
- Commissioning

### Scope of supply

Each EPC 70 upgrade package is prepared on demand. The configuration will vary depending on the separator and its existing EPC 50 control system, but typical components include:

- EPC 70 control cabinet for SA/PA version
- EPC 70 control panel for SU/PU version
- Steam regulating valve actuator (latest generation)
- Electrical heater control box for EPC 50 power units
- MT60 water transducer board

For more information about this service, contact your local Alfa Laval office.

### 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)

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