

Alfa Laval EPC 70 upgrade for FCM with EPC 50

Modernization to today's state-of-the-art fuel supply system control

The EPC 50 control system for Alfa Laval Fuel Conditioning Module, FCM, was introduced in 2001. It has been discontinued for use with new FCMs since years due to electronics being outdated as technology has evolved. Alfa Laval can provide a reliable upgrade from the EPC 50 to today's EPC 70, equipping your older FCM with modern, state-of-the-art control.

What we do

We make it possible for older fuel conditioning systems to benefit from the latest control system advances. Besides a large touchscreen interface that makes 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 on-board 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 FCM, its connections and the media with which you use it. We recommend an Alfa Laval Marine Service expert to install the upgrade and perform the commissioning afterwards.

Why upgrade to the EPC 70?



Benefits

- Marine-approved hardware and carefully designed software for safe, reliable and intuitive system 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
- No additional crew training required



Scope of service

- Identification of existing FCM and EPC 50 set up
- Preparation of EPC 70 upgrade package
- Upgrade installation (by an Alfa Laval Marine Service expert is recommended)
- Commissioning

Scope of supply

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

- Standard scope of supply:
 - EPC 70 control panel including 10" touch screen
- Optional supply:
 - UPS box (recommended)
 - Control box for electric heater
 - Valve drive
 - Steam Regulating Valve
 - Profibus DP/Modbus RTU
 - Remote HMI

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