

Alfa Laval

Service Kits

For Gas Combustion Units

Save time and effort with dedicated kits for key tasks
Securing peak performance can be effortless and cost-effective with Alfa Laval Service Kits. Our Service Kits contain all the parts you need for routine maintenance tasks, periodic maintenance work or even basic repair needs. Whatever the kit focus, you get correct parts that comply with relevant regulations and meet or exceed sustainability requirements – delivered quickly and efficiently for the best possible value.

Our service helps you with:

- Easy access to the right OEM spare parts
- Increased uptime through correct actions and service intervals
- More efficient procurement and shipping logistics
- Reduced cost compared to ordering single parts

How it works

Alfa Laval Service Kits are predefined packages that simplify maintenance and repair tasks. With their help, you can easily safeguard or restore uptime and performance – contributing to longer equipment lifetime in the process.

The kits contain genuine Alfa Laval spare parts, which are made with the latest technology, the correct materials and our design expertise. The parts are a perfect fit for your equipment, providing unmatched reliability and durability.

The contents of each kit are aligned with your equipment's life cycle and operational needs. For Alfa Laval Gas Combustion Units (GCUs), we provide the Service Kits below:

- **Recommended Kits**
  A start-up stock of parts that should always be on board
- **Emergency Kits**
  Parts for quickly restoring the uptime of critical equipment
- **5-Year Service Kits / Dry Dock Kits**
  Parts for equipment overhaul during regular dry docking

For more details about these kits, see the following page.

As a complete service provider, we ensure not only high-quality parts but also streamlined procurement. Our Service Kits offer fast access with reduced administration, and our global network allows optimized, on-time delivery. You save time and cost compared to ordering individual parts, and we can ship efficiently for the lowest possible CO_2 impact.

How the service can be delivered

On site | Remotely | At service centres | On board | In dry dock

Recommended Kits

Intended to be kept as onboard inventory, Recommended Kits simplify budgeting while reducing operational risk. They contain the most common spare parts required for up to two years of operation, supporting immediate response to unexpected failures or defective components. Maintaining this stock on board ensures readiness and helps keep downtime to a minimum.

The kit contents depend on the GCU system, but they typically include:

- Wear and tear parts
- Exhaust stack parts
  - Pressure transmitters
  - Flame detector
  - Thermocouples
- Gas valve train parts
  - Repair kit for valves
  - Temperature/pressure transmitters
  - Filter regulator

Emergency Kits

Designed for rapid intervention in critical situations, Emergency Kits enable fast restoration of system functionality in the event of a failure. In many cases, the crew can perform repairs on board using the included parts, supported remotely by Alfa Laval service experts. Immediately after, the parts used should be replenished to maintain readiness.

The kit contents depend on the GCU system, but they typically include:

- Control/power system spare parts
- Solenoid valves
- Limit switches
- Spark igniter and ignition transformer
- Belts and gaskets

For newer GCU systems, some of the parts above are supplied in the GCU scope of delivery as "availability/compliance parts". To comply with the IGC Code, these parts must be available on board to restore functionality in the event of a failure.

5-Year Service Kits / Dry Dock Kits

Intended to support scheduled activities in dry dock, 5-Year Service Kits / Dry Dock Kits enable both proactive maintenance and complete equipment overhauls. Depending on the equipment, they may include not only critical components but also optional upgrades, selected by you in advance.

The kits include:

- General GCU parts
- Gas valve train parts
- Combustion chamber parts



24/7 Service & Support

With service centres, field service engineers and spare parts distribution worldwide, our Alfa Laval Marine Service network is always on the job for you. When you contact our 24/7 Service & Support, our service experts coordinate everything to solve your need – across oceans, continents and time zones.



Related services for Gas Combustion Units

Spare parts
Dry dock services
Troubleshooting

Contact your local Alfa Laval office

www.alfalaval.com/contact-us