

PLC based PID Controller



A PLC-based PID controller can replace multiple controllers, functioning as a unified unit. Instead of relying on several controllers, this PLC-based system integrates multiple control operations independently, such as oil/air, water level, steam pressure, etc.

The core of the system is the Siemens S7-1200 CPU, ensuring easy operation through an HMI touch screen.

- Preprogrammed to vessel requirements.



Before installation



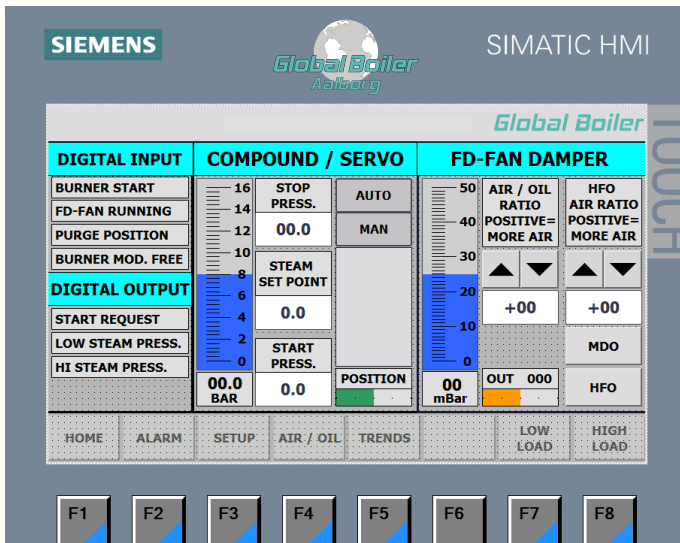
After installation

Preprogrammed to meet the vessel requirements, the system offers:

- Consolidates multiple controllers into one system
- Provides an excellent process overview .
- Offers automatic and manual control modes.
- Allows fine tuning of process parameters.
- Facilitates easy parameter setup.
- Supports individual setups of screens.
- Enables easy reload of commissioning settings (Password protected).
- Designed to be expandable.
- Reduces the need for spare parts.
- Spare Parts are available worldwide.

Are you interested? Please send an inquiry to email: service@globalboiler.com

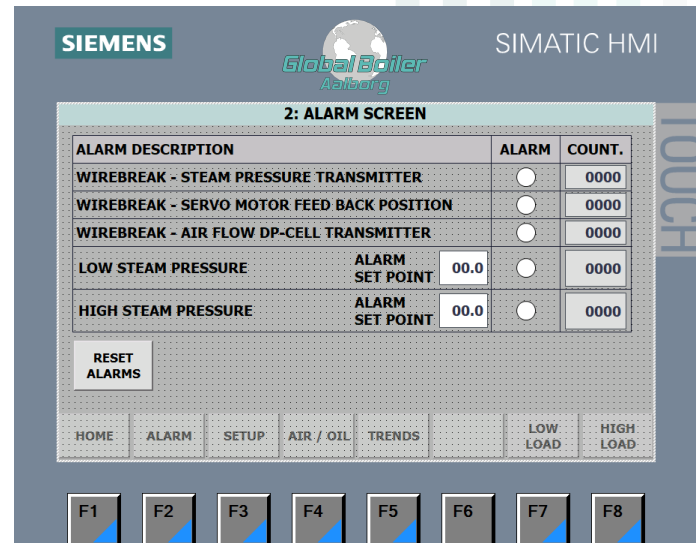
Screen layout for controller with load and oil/air controller



Main screen from where the two controllers can be operated

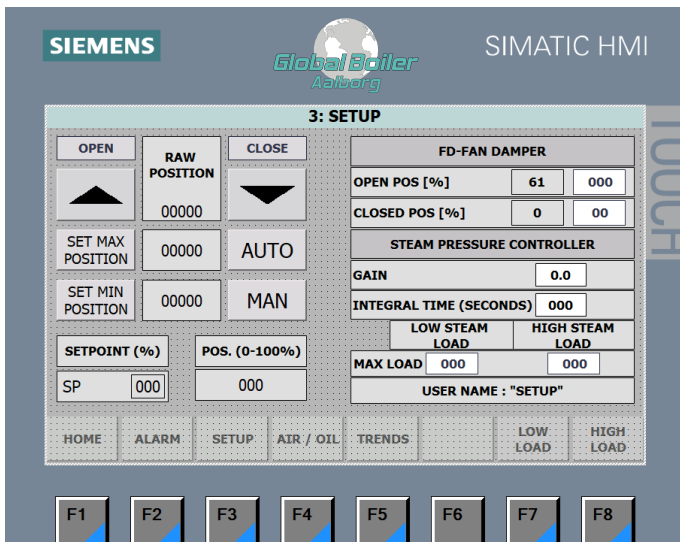
Overview of process values and digital in- / outputs

Fuel type change over or indication



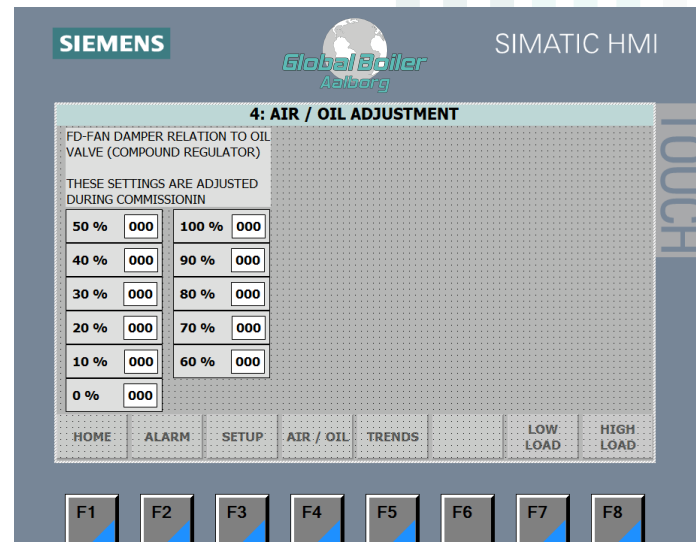
Alarm Screen – setup screen for alarm outputs and overview of transmitter alarms

Offers great assistance to fault finding



Parameter setup for controller

Easy overview of settings



Air / oil ration adjustment