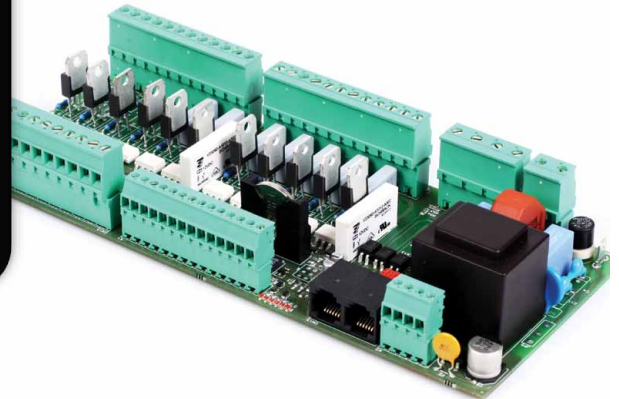


Fumis OXY I20

SUPERIOR performance for high-end pellet, woodchip and wood gasification boilers with state-of-the-art LAMBDA probe combustion control



Key benefits:

MAXIMUM USER COMFORT:

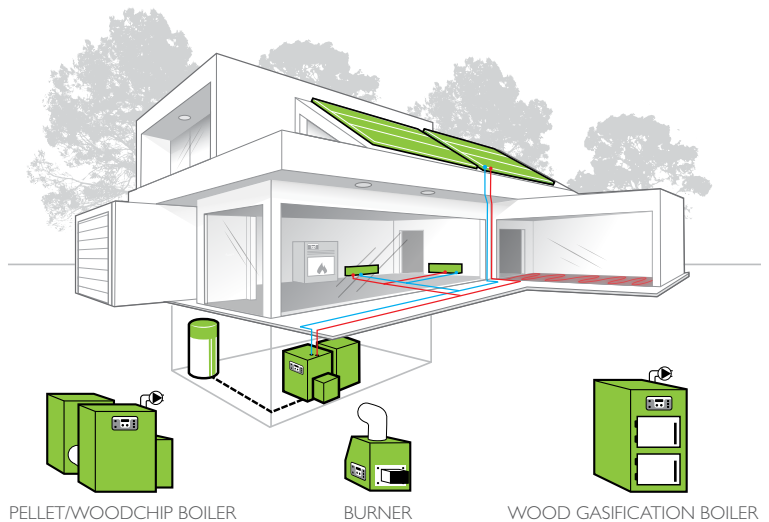
- 100 % operating autonomy
- Prediction of remaining operating hours and biomass level control
- Effective user communication via intuitive touch screen interface
- Visually attractive, ergonomic design

ECO-FRIENDLY

- Lower fuel consumption
- Lower CO emissions
- Lower particle emissions

COST EFFICIENT

- Lower fuel consumption due to higher efficiency
- Lower heating cost due to optimum combustion in all operating conditions

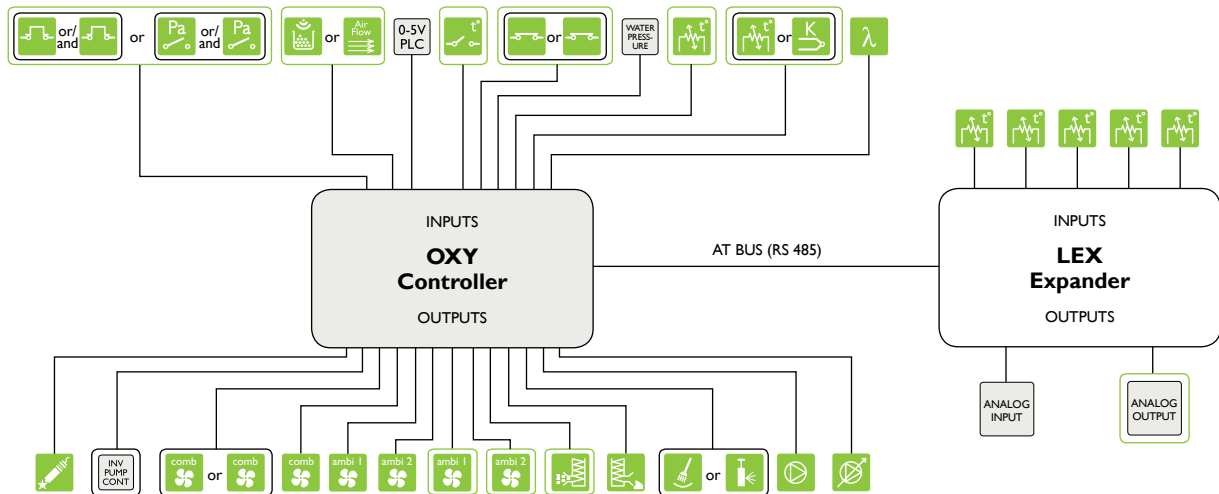


Product overview:

FUMIS OXY represents a solution for combustion control of high-performance biomass combustion devices. With its user friendly user interface, the integrated heat accumulator management and optional features as automatic firewood ignition it makes combustion devices stand out from competition.

The pre-programmed application set-ups and modular product concept decrease combustion device production and after-sales costs.

The combustion control algorithms provide stable combustion, high efficiency and low emissions so products using FUMIS OXY comply with most demanding performance requests.



Options & accessories:



LevelTronic – pellet level sensor for total control of pellet reservoirs



LEX expansion units for additional inputs/outputs



G2RCU – gateway for mobile and web remote control

OXY 120

Description	High-end modular combustion controller
Technical characteristics	<ul style="list-style-type: none"> • 5 regulated motor control outputs • 6 ON/OFF motor control outputs • Ignition control output • 6 multifunction temperature inputs • 2 digital 230 VAC inputs • 2 fan speed feedback inputs (encoder; inductive or reluctance sensor) • Serial communication port
Functionalities	<ul style="list-style-type: none"> • Water pump control (ON/OFF or modulated) • LAMBDA probe control & input (probe not included) • Pressure sensor control (sensor not included) • Embedded data logging • Heat accumulator management • Weekly programme • “Fire-memory” • autonomy indication • combined fuel operation firewood/pellets • Ash cleaning control • Weekly calendar (4 daily programs)
User interface	touch keyboard with OLED graphic display
Power supply	230 VAC, 50-60 Hz
Dimensions (L x W x H in mm)	Control unit: 212 x 90 x 60 User interface: 96 x 48 x 80
Mounting	Control unit: DIN rail & Wall/panel mount / User interface: Panel mount

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