Fumis ALPHA 40
SUPERIOR COMBUSTION
CONTROL TECHNOLOGY
for stoves, burners and simple and low power boilers.

Advantages:
MAXIMUM COMFORT
• 100% operational autonomy
• Prediction of the remaining hours of operation
• Effective communication with the user through an intuitive interface
• Ergonomic and attractive design

Product overview:
FUMIS ALPHA 40 is a combustion control solution for stoves, burners and low power boilers.
Its characteristic and intuitive design, the extraordinary prediction of the remaining hours of operation and its customization options enable the manufacturer of heating devices to differentiate their products from those of its competitors.
The FUMIS ALPHA 40 controller helps the customers cut the logistic and production costs of the combustion devices thanks to the 4 pre-programmed configurations and to the easy assembly.
Info sheet - Fumis Alpha 40

**ALPHA 40**

**Description:** Biomass combustion control electronics

**Technical characteristics:**
- 3 multifunction triac outputs 230 VAC 1 A
- 1 relay output 230 VAC 2 A (450 W)
- 2 multifunction inputs NTC 10k (water/air temperature/flame presence sensors)
- 1 thermocouple input type K (combustion gases temperature sensors)
- 1 multifunction sensor input (fan speed sensor)
- 1 multifunction digital input (external thermostat)
- 1 PWM output (pump)
- 1 safety input (safety temperature switch STB, safety pressure switch, 230 VAC 500 uA)
- 1 connector RJ45 for serial communication

**Function:**
- Weekly programme
- Serial communication port
- Remaining hours of operation indication
- Water pump control

**User interface:** LED display with touch screen keyboard

**Power supply:** 230 VAC, 50-60 Hz

**Size (l x d x h mm):**
- Controller: 134 x 100 x 38
- User interface: 120 x 63 x 16

**Assembling:**
- Controller: on plastic stand-offs or in a plastic box (optional)
- User interface: assembly on the panel

**Configurations:**
1. Pellet stove
2. Pellet boiler
3. Pellet burner
4. Firewood boiler

**Options:**
- Infrared remote control
- G2RCU – gateway for mobile and internet remote control
- Connectable with all models of our user interfaces

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