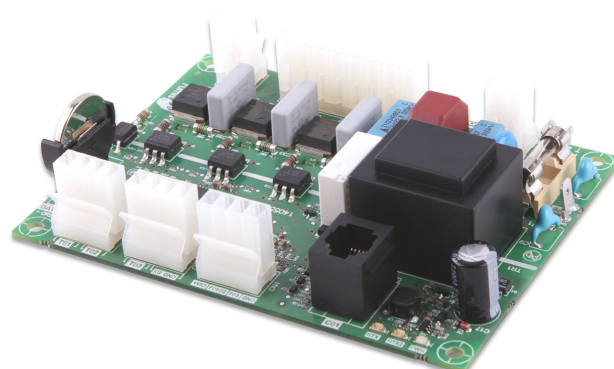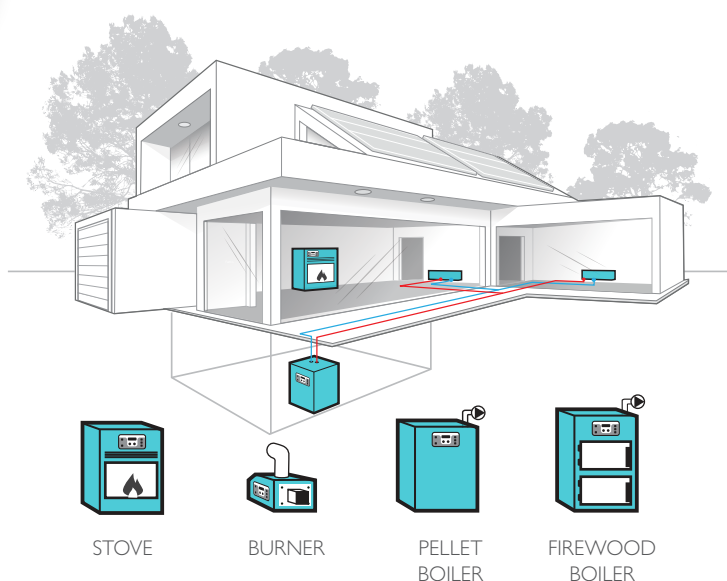# Fumis ALPHA 41/42

SUPERIOR COMBUSTION CONTROL TECHNOLOGY FOR STOVES, BURNERS AND BOILERS.

Advantages:

MAXIMUM COMFORT

- 100 % operational autonomy
- Prediction of the remaining hours of operation
- Effective communication with the user via an intuitive interface
- Ergonomic and attractive design

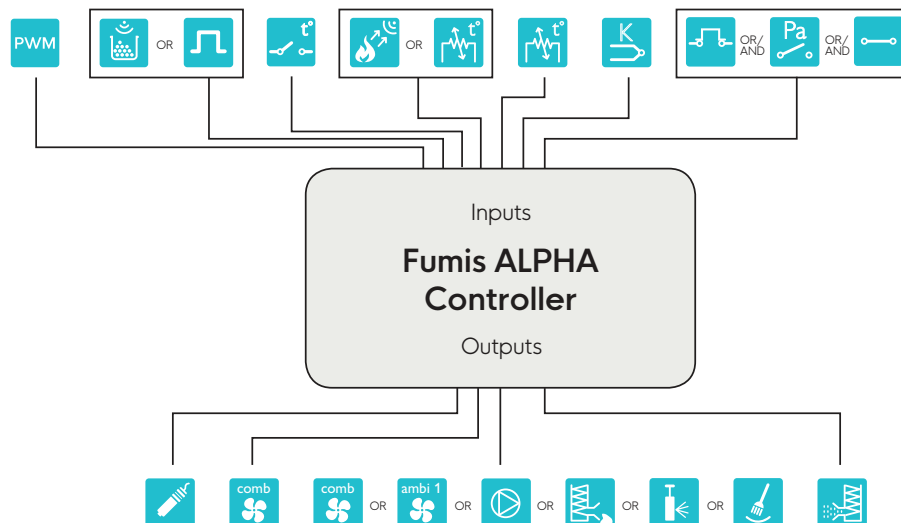STOVE   BURNER   PELLET BOILER   FIREWOOD BOILER

Product overview:

FUMIS ALPHA 41/42 is a combustion control solution for stoves, burners, and boilers.

Its characteristic and intuitive design, the extraordinary prediction of the remaining hours of operation and its customization options enable the manufacturer of heating appliances to differentiate their products from those of its competitors.

The Fumis ALPHA 41/42 controller helps the customer cut the logistic and production costs of the combustion appliances thanks to the easily configurable software.

fumis®
by ATech electronics

Configurations:

1. Pellet stove
2. Pellet boiler
3. Pellet burner
4. Firewood boiler

Options:

- Infrared remote control
- Wireless module for remote control
- LevelTronic
- Connectable with all models of our user interfaces

ALPHA 41/42	
Description:	Biomass combustion control electronics
Technical Characteristics:	• 3 multifunction triac outputs 230 V AC 1 A • 1 relay output 230 V AC 2 A (450 W) • 2 multifunction inputs NTC 10 kOHM (water/air temperature/flame presence sensors) • 1 thermocouple input type K (combustion gases temperature sensors) • 1 multifunction sensor input (only on Alpha 41 : fan speed sensor) • 1 analogue input (only on Alpha 42: LevelTronic/external power setting) • 1 multifunction digital input (external thermostat) • 1 PWM output (pump) • 1 safety input (safety temperature switch STB, safety pressure switch, 230 V AC 500 µA) • connector RJ45 for serial communication
Function:	• weekly programme • serial communication port • indication of remaining operating hours • water pump control
User interface:	LED display with touch screen keyboard
Power supply:	230 V AC, 50–60 Hz
Size **(L × T × H mm)**	Controller: 1 20 x 90 x 35 User interface: 1 20 x 63 x 16
Assembling:	Controller: on supports (e.g. stand–offs, not included) User interface: assembly on the panel

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