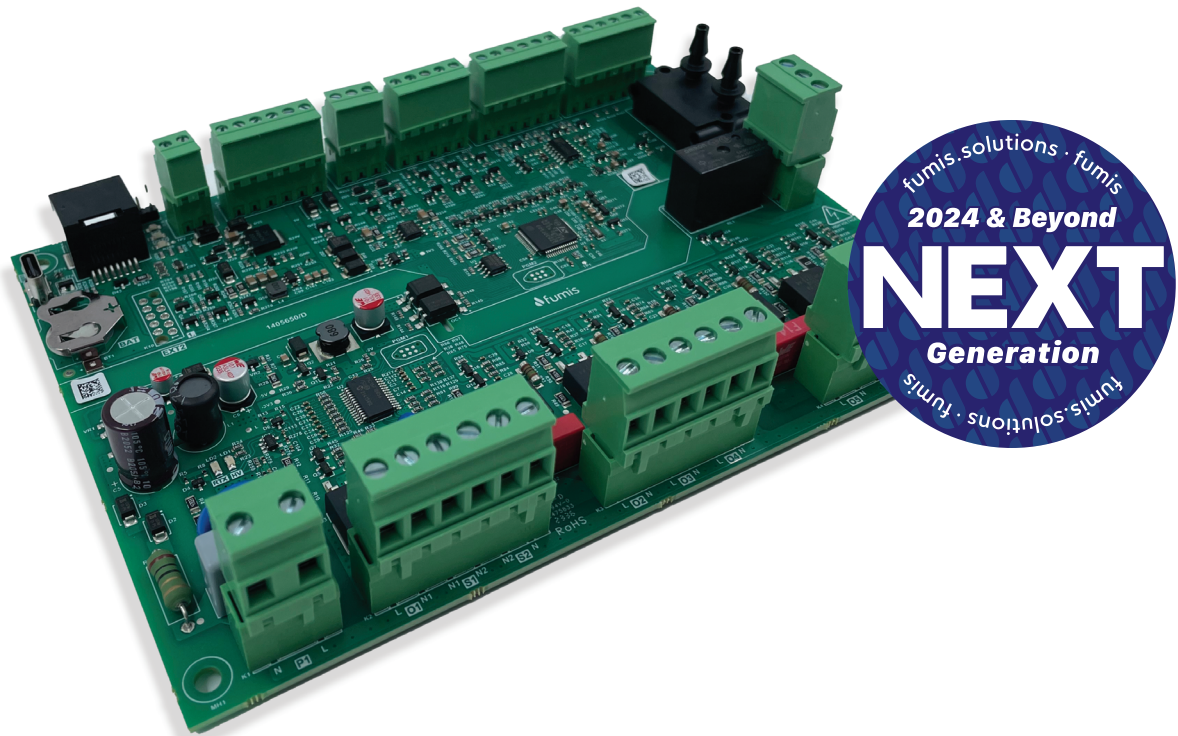


# Fumis DELTA

NEXT-GENERATION HEATING CONTROLLER.  
UNMATCHED EFFICIENCY AND CUSTOMIZATION.



## Key benefits:

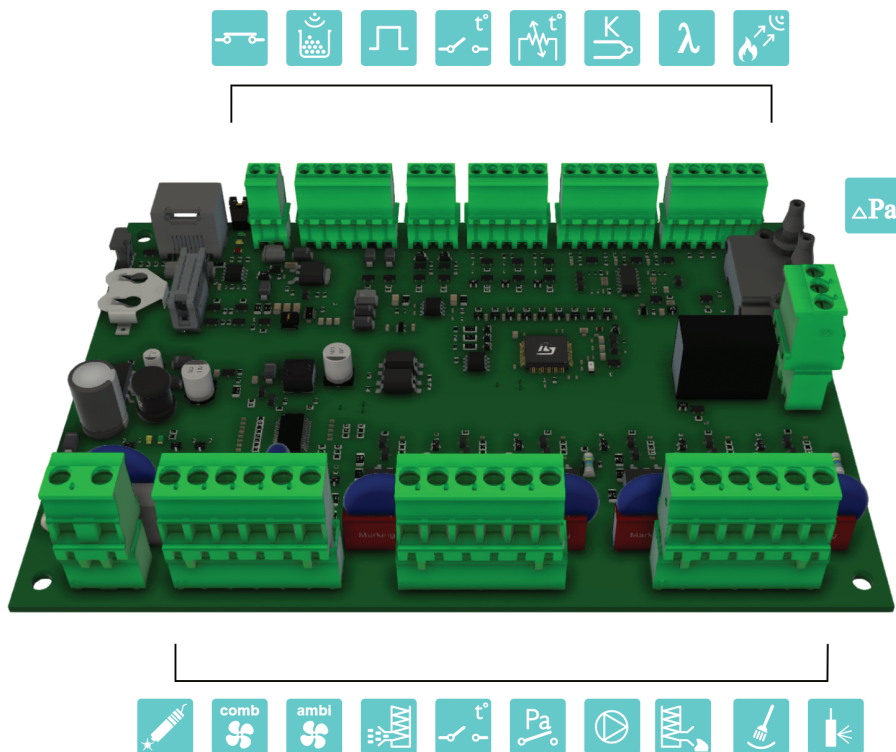
- Versatile Setting Flexibility
- Effortless and Rapid Configuration with the Potential for Substantial Emission Optimization and Enhanced Efficiency
- Modular Design for Seamless Adaptability
- Multifunctional Input and Output Capabilities
- Enhanced Diagnostic Features for Streamlined Performance Monitoring
- Ideal for Advanced Actuators, Energy-Efficient Pumps, and Integrated Heating Systems
- Continuous Enhancement via Over-the-Air Software Updates

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The Delta controller boasts unparalleled integration capabilities, effortlessly accommodating a wide range of modules. This empowers heating appliance manufacturers to tailor solutions for diverse heating needs within any structure. What truly distinguishes Delta is its **advanced customization features**, offering a unique opportunity to redefine value propositions for heating appliances.

Compared to conventional controllers, Delta shines with its expanded capacity of inputs and outputs, coupled with enhanced sensors and regulators dedicated to optimizing the combustion process. This results in a remarkable increase in heating appliance efficiency, delivering superior performance and energy savings for end-users.

Delta isn't just about performance; it shows our strong commitment to sustainability by helping manufacturers reduce harmful emissions during operations.



- USB Type-C PC connection

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- Integrated pressure differential sensor

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- 7 Triac outputs

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- 1 SPDT Relay

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- 2 Safety inputs

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- 2 Digital outputs

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- 2 Analog/Digital outputs

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- 3 Analog/Digital inputs

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- 6 Temperature inputs

## Technical Characteristics

- RJ45 connector for serial communication

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- USB Type-C for PC connection (configuring and updating)

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- Pressure differential sensor (500 Pa)

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- 7 Triac outputs 115/230 V AC

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- 1 SPDT Relay (potential free)

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- 2 Safety inputs (STB/Pressure)

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- 2 Digital outputs 1 A (open collector)

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- 2 Analog/Digital outputs 0-10 V (10 mA)

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- 3 Analog/Digital inputs

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- 3 Temperature inputs (NTC/K-Typer or switch)

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- 3 Temperature inputs (NTC or switch)

### User Interface

- Works with Fumis 4<sup>th</sup> gen interfaces

### Power Supply

- 24 V DC for logic

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- 115/230 V AC 50/60 Hz for triac outputs

### Dimensions

- Controller board: 170 x 120 x 35 mm (plastic housing optional)

### Mounting

- Plastic spacer stand-offs: 160 x 108 mm

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