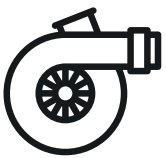# PROCESS OPTIMISATION WITH HOT AIR

COMPACT CONTROLLERS

Generate an air flow

Powerful, tried-and-tested blowers generate the airflow required for the application.

Guide the air

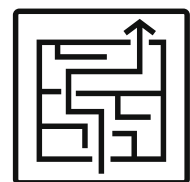Air ducting systems made of heat-resistant air hoses guide the airflow from the blower to the point of use.

Heat the air

Electrically powered air heaters ensure the air is heated to the required temperature.

Regulate the temperature

Microprocessor controlled regulators ensure precisely maintained temperatures when hot air is used.

Apply the hot air

At the point of use, the hot air is accurately fed through special nozzles for use in the respective application.

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COMPACT CONTROLLERS

HAPRO
Thermodynamic Engineering.

The microprocessor controlled **HAPRO 0235** compact controller is a versatile universal controller with digital display of set and actual values.

It can be configured as a two-state controller, three-state controller, modulating controller or proportional controller. All the important components are freely adjustable (e.g. control response, control range, measured values, servo-drive outputs, control response, type and function of alarm control). The device is able to adjust itself for optimum operation (P, PD, PI, PD/I - self-optimising function). Equipped for use with Pt 100 DIN probes and thermocouples. Standard signal 0/4.20 mA, DC 0-10 V.

Model	Order No.	Voltage V	Frequency Hz	Outputs	Dimensions in mm: width/height/depth
0235	4001001483	230/115 +/-10%	48-62	Relay AC 250 V, max 3 A/bistable DC 0/18 V, max. 10 mA	48 / 96 / 80
0235	4001001484	24 +/-10%		Relay AC 250 V, max 3 A/bistable DC 0/18 V, max. 10 mA	48 / 96 / 80

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