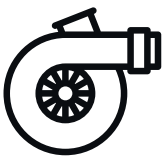


# PROCESS OPTIMISATION WITH HOT AIR



## 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.



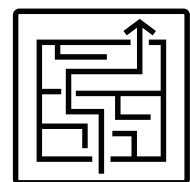
### Heat the air

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.

## COMPACT CONTROLLERS

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