

PICTURE



DESCRIPTION

ART-1 universal controller can be used to control parameters of **three different devices**:

- ANeco hot air ventilator rotating speed- speed can be controlled in 2 modes: manual and automatic (depending on the air temperature in fireplace hood). In automatic mode hot air ventilator is turned on at 42 °C and reaches its maximal speed at the temperature of 100 °C. In manual mode speed can be set in 10 steps (every 10%). Current speed is shown on the display as a percentage of maximal motor rpm.

- Hybrid Turbowent chimney cowl Ø150 – 200 rotating speed. Real - time clock built in the ART-1 unit is equipped with 4 time zones, in which different speed settings can be programmed.
- Room's radiator temperature by operating thermal actuator (with 24V DC max 3 W thermoelectric actuator) with a possibility of programming different temperatures in 4 time zones.

DESTINATION

- steering of hot air ventilator - MANUAL MODE
- steering of hot air ventilator - AUTOMATIC MODE (based on temperature measurement from thermal probe KTY84)
- steering of hybrid chimney cowl- MANUAL MODE
- steering of hybrid chimney cowl- AUTOMATIC MODE (based on time zones)
- steering of thermoelectrical acutator (based on room's temp.) - MANUAL or AUTOMATIC mode (based on time zones)

PARAMETERS

Parameter	Value
Voltage	24 V DC*
Max power consumption	6 W
Ambient conditions	0-50°C
Protection level	IP20
Fireplace thermal probe	KTY84*
Temp. measuring range (probe)	0-150°C
Number of time zones	4
Front panel colour	grey (other upon order)
Measurements	155x75x51 mm
Weight	0.28kg

* ART1 Controller is not equipped with power supply and fireplace thermal probe KTY84 (need to be purchased separately).

DENOTATIONS / PRODUCT CODES

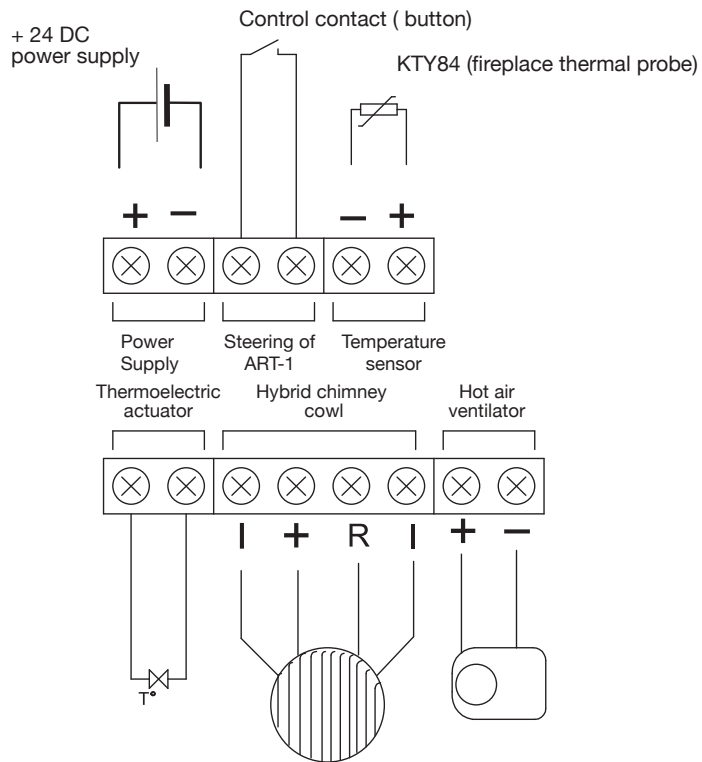
ART-1

universal controller

MATERIALS

Destination	W	W - ventilation
	O	O- air heating

ELECTRICAL DIAGRAM



CONNECTION DIAGRAM

