

# FHD 160 - 400

## FUME CUPBOARD EXHAUST AIR FLOW ADJUSTMENT DAMPER

The control damper FHD is intended for the control of exhaust air flows in the fume cupboard and can be controlled with FHR fume cupboard controls.

The control damper is made of acid-resistant steel. A model made of PVC or PP material (FHDP 250/315/400) is available for demanding applications.



## TECHNICAL INFORMATION

Operating voltage	24 VAC $\pm$ 15%, 50-60 Hz
Power consumption	5 VA
Incoming message	0 VDC pulse 5 VDC
Outgoing message	2 to 18 mA
Damper position message	4 - 20 mA (close - open)
Operating time	3 sec.
Duct dimensions	Diam. 160/200/250/315 and 400mm
Material	Acid-resistant steel SIS 2343
Encapsulation	Powder-coated steel, IP 20

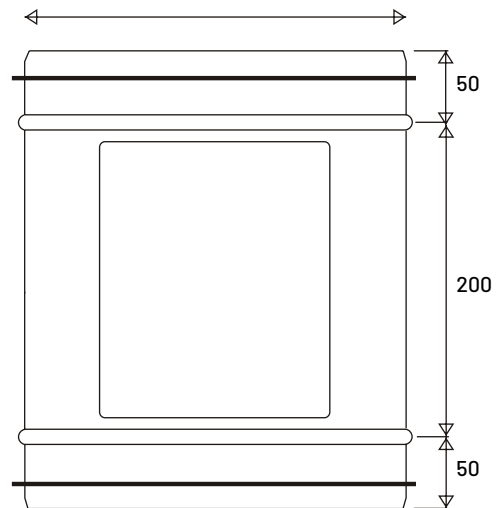
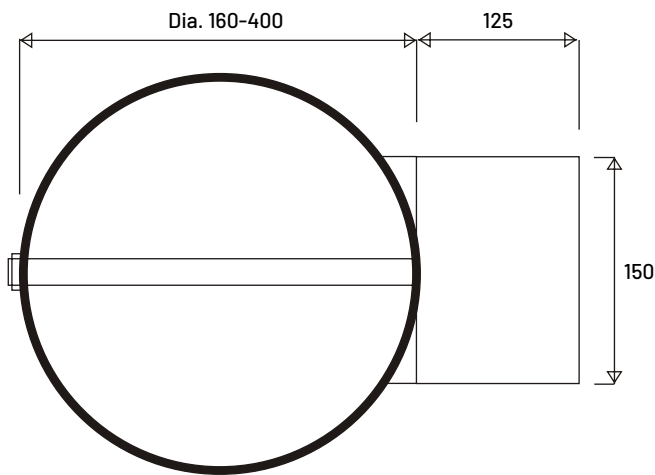
## DESCRIPTION OF FUNCTIONS

The control damper is controlled from the FHR 310/210 fume cupboard controller with an increase and decrease control message.

The control damper can be installed in all positions, but we recommend installation where the slat axis is horizontal.

## MITOITUS [mm]

- ∅ 160 = ECD 160
- ∅ 200 = ECD 200
- ∅ 250 = ECD 250
- ∅ 315 = ECD 315
- ∅ 400 = ECD 400



## CIRCUIT DIAGRAM

