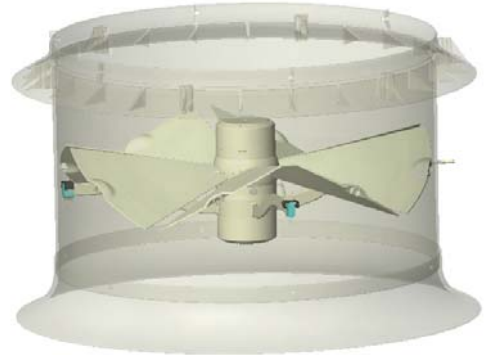



AT 63 THROTTLING UNIT
AT 80 THROTTLING UNIT
A4327111
A4327113
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**Application**

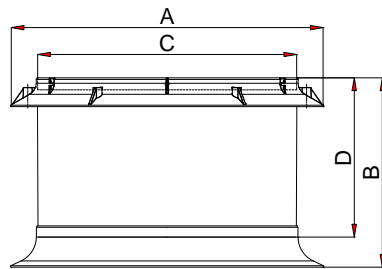
The Fancom AT-unit is a part of the ventilation system that is used to control the airflow through the chimney module using the vortex damper

Features

- Fancom throttle unit in chimney module in diameters of 63 and 80 cm.
- Quick mounting system with coupling pins for easy mounting to a fan module or Fancom chimney.
- An AC powers the motor in the AT. With DC power, the inlet will automatically open (fail safe).
- The motors are powered by the PFB (Power Fail Box). This PFB has a 100VA transformer and a battery. In the event of a power failure (230V) the PFB will switch the supply from AC to DC, so the inlet will automatically open.
- The unit has an 8-segment inlet.
- The unit is supplied with a removable air entry cone

Options

- Power Fail Box (PFB+Transformer) for the power supply and automatically opening of the vortex dampers at power break down. Article codes: A7120013.05 + A5431003
- Protection grids are available in all sizes. The protection grids are made of stainless steel. The protection grid can be connected to the air entry cone of the chimney module

Dimensions

Type	ϕA Largest diameter [mm]	B Height with air entry cone [mm]	ϕC Outside diameter of chimney to be connected [mm]	D Height without air entry cone [mm]
63	775	571	650	500
80	985	595	813	500

**Wiring**← 7 x 0,8 mm² —————Control signal and
operating voltage**Technical
specifications****AT vortex damper**

Operating voltage	24Vac ±10%
Power consumption	4W
Maximum motor current	200 mA
Control signal	10-0Vdc
Running time 90° angular displacement	49 sec
Normal position at delivery	0Vdc open, 8.5 Vdc almost closed
Position adjustment at maximum control voltage	
Transformer	Max. 16 motors on 100VA transformer
PFB (Power Fail Box)	Max. 16 motors on PFB

Housing

Protection class	IP55
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Ambient climate

Operating temperature	0°C to +40°C
Storage temperature	-10°C to +50°C
Relative humidity	<95%, uncondensed