



**24**  
HR  
**NEXT DAY**  
DESPATCH

✓ **SMOKE**  
VENTILATION

✓ **ENVIRO**  
VENTILATION

✓ **24V**  
POWER INPUT

✓ **400 Series**  
COMPATIBLE

✓ **500-CB**  
COMPATIBLE

✓ **1000-G**  
COMPATIBLE

✓ **IP32**  
RATING

✓ **600kg**  
MAX. LOAD

## About This Product

The 24Vdc Ventec FTA 600 is a folding arm actuator that is used for inward or outward opening doors. Depending on variant installed the actuator can allow daily access (constant) or only allow the door to be opened for smoke ventilation (fixed).

It has a rectangular aluminium housing and a laterally positioned folding arm. When closed, the arm lies flat against the housing. It opens to a maximum angle 93° (determined by the distance between the pivot points of the folding arm and the hinges) but can be programmed (at the factory) to required opening angle. Opening speed is approximately 2° per second, therefore to fully open is about 45 seconds.

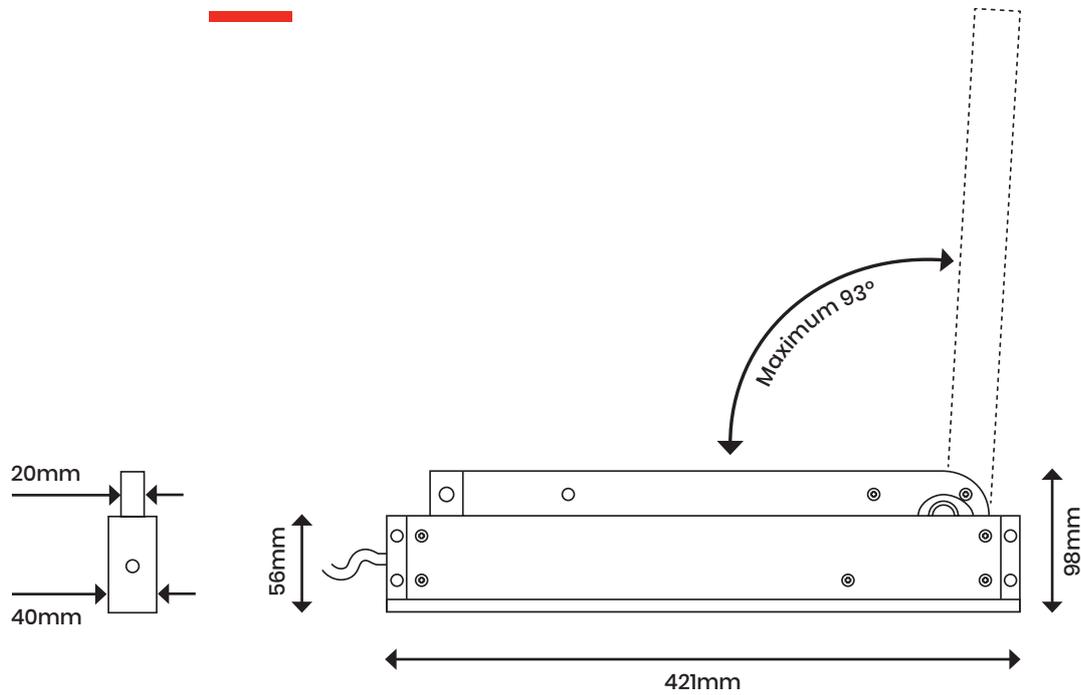
It has an inbuilt potential-free contact (VFC) which can be used to release a magnetic door retainer. They can also be programmed (at the factory) so that multiple drives can be synchronized to open together.

Doors need to have no locking or latching mechanism, apart from a magnetic door retainer if required.

## Product Highlights

- 0° - 93° opening angle (as standard)
- Suitable for inward and outward opening doors
- Powerful drive with high torque
- Tested to EN 12101-2

## Dimensions



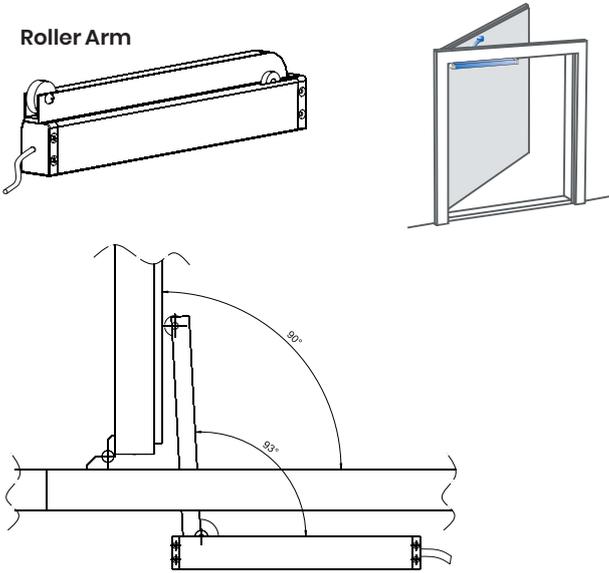
## Technical Data

	Ventec FTA 600
Voltage	24Vdc
Current Consumed	1.4 amps
Protection Class	IP32
Open / Close Force	600N
Running time (0° - 90°) (constants at 2/3 load)	~ 45 seconds (2°/s)
Working Temperature	-5°C -> +75°C
Stroke Length	0° - 93° (± 5%)
Weight	Approx. 3kg
Colour	Aluminium (RAL 9006)
Sound Pressure Level	≤ 70dB (A)
No. Of Cable Cores	2 Core + Earth
Life Span	10,000 Strokes

## Installation Examples (indicative only)

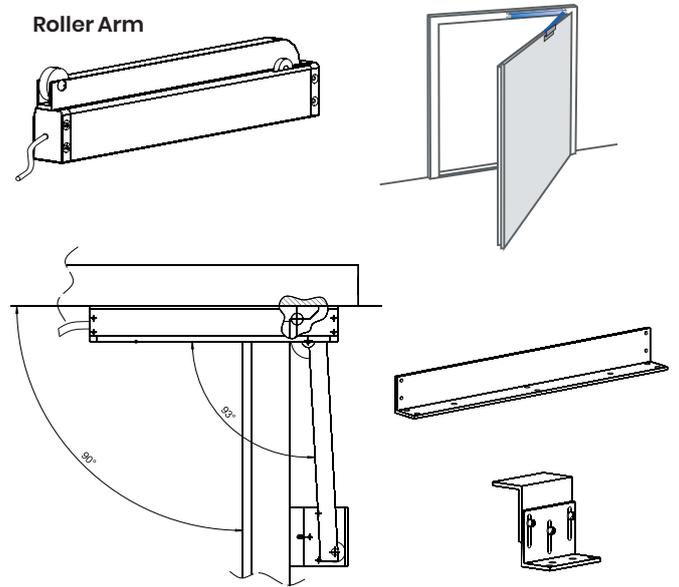
### OUTWARD OPENING – DAILY USE (CONSTANT)

#### Roller Arm



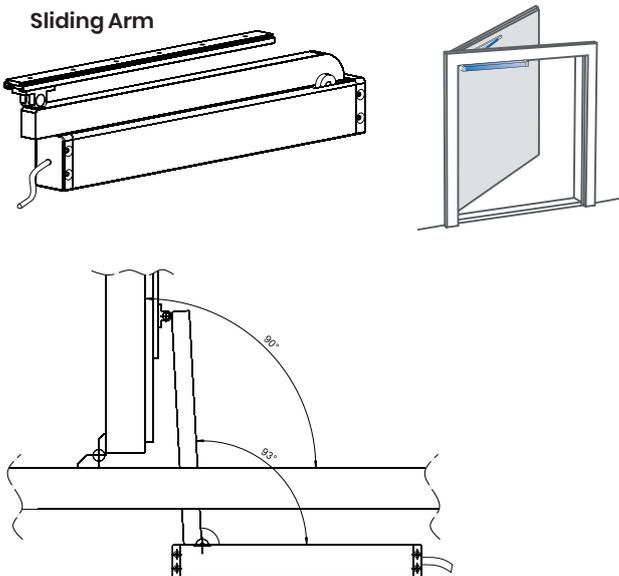
### INWARD OPENING – DAILY USE (CONSTANT)

#### Roller Arm



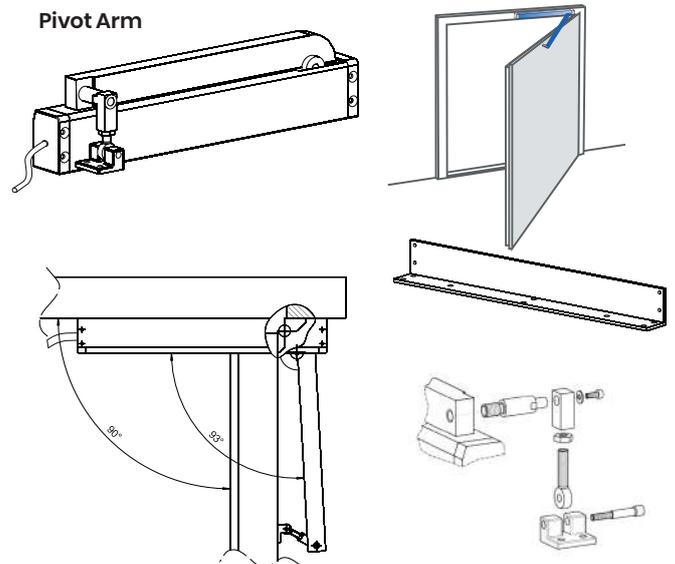
### OUTWARD OPENING SMOKE VENTILATION / NON-DAILY USE (FIXED)

#### Sliding Arm



### INWARD OPENING SMOKE VENTILATION / NON-DAILY USE (FIXED)

#### Pivot Arm



## Product Codes

Use	Actuator	Door Direction	Product	Code
Constant	Roller ball	Outward	FTA600 R	ACAU-FTA-024V-0006
Constant	Roller ball	Inward	FTA600 R K88 Bracket Set	
Fixed	Pivot	Inward	FTA600 DF	ACAU-FTA-024V-0007
			K103 Bracket	AXAU-FTA-BINW-0001
Fixed	Pivot	Outward	FTA600 GF	ACAU-FTA-024V-0004
			K104 Bracket	AXAU-FTA-GFMB-0002



Regular testing and record-keeping by authorised, responsible persons.



...by “Accredited” and “certified smoke vent engineers only”

\*REFERENCE:  
DAME JUDITH HACKITT REPORT



## Related Products and Services

The following should also be considered when planning your system.



400 SERIES  
COMPATIBLE



VENTEC 500-CB  
COMPATIBLE



VENTEC 1000-G  
COMPATIBLE



INSTALLATION  
& MAINTENANCE



PROJECT  
COMMISSIONING