



TOV 450-4 ROOF FAN

Item no. 47657

Version: 400V 3~

Document type: **Product card**

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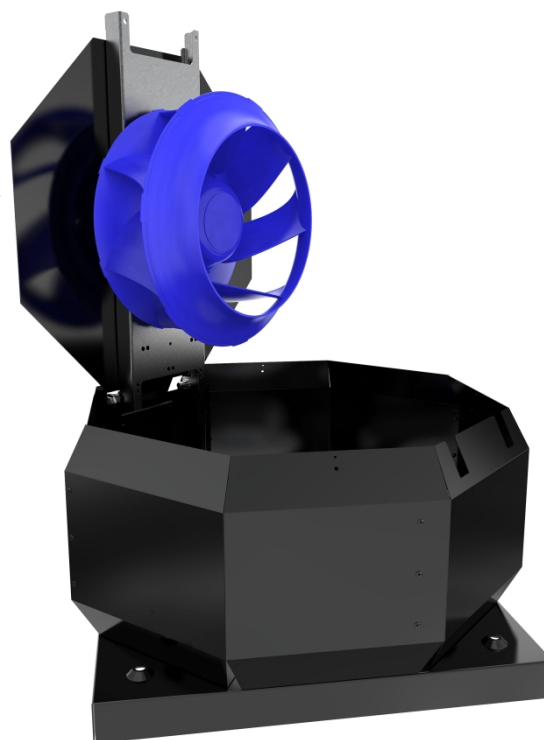
Description

- Speed-controllable
- Integral thermal contacts
- Tilting mechanism on motor
- Maintenance-free and reliable
- Vertical exhaust

The TOE/TOV models have impellers with backward-curved blades and external rotor motors. The casing is manufactured in powder-coated galvanised sheet steel. These fans have motors which can be tilted outwards to facilitate inspection and servicing.

The motor is suspended on efficient vibration dampers. Exhaust air is directed vertically from the fans, which prevents problems caused by wet snow and staining of the roof.

To protect the motor from overheating, the TOE/TOV fans have integral thermal contacts with external leads for connection to a motor protection device.



Technical parameters

Nominal data	
Voltage	400 V
Frequency	50 Hz
Phase	3 ~
Input power (P1)	828 W
Current	1,76 A
Max. airflow	1,5 m ³ /s
R.p.m.	1409 r.p.m.
Weight	43,2 kg
Temperature data	
Max. temperature of transported air	70 °C
Max. temperature of transported air when speed-controlled	70 °C

Get In Touch

Call: [0845 6880112](tel:08456880112)
 Email: info@adremit.co.uk

Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard,
 Settle, North Yorkshire, BD24 9RH

Sound data

Sound pressure level at 3 m	69,8	dB(A)
Sound pressure level at 4 m	53,8	dB(A)
Sound pressure level at 10 m	45,8	dB(A)

Protection / Classification

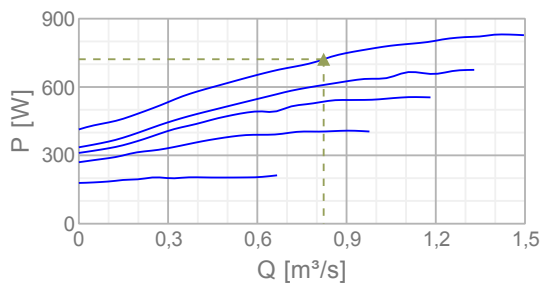
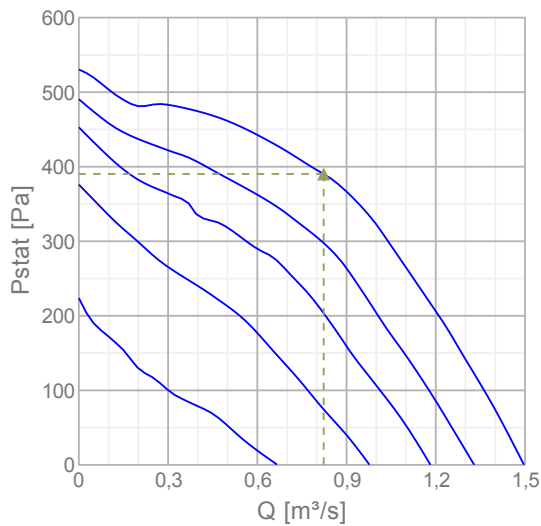
Insulation class	F
Enclosure class, motor	IP54

ErP

ErP ready	ErP 2018
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Diagrams

Diagrams



Max efficiency

Hydraulic data	
▲ Working air flow	0,823 m³/s
▲ Working static pressure	390 Pa
▲ Power	722 W
Speed	1422 r.p.m.
Current	1,65 A
SFP	0,877 W/(l/s)
Voltage	400 V

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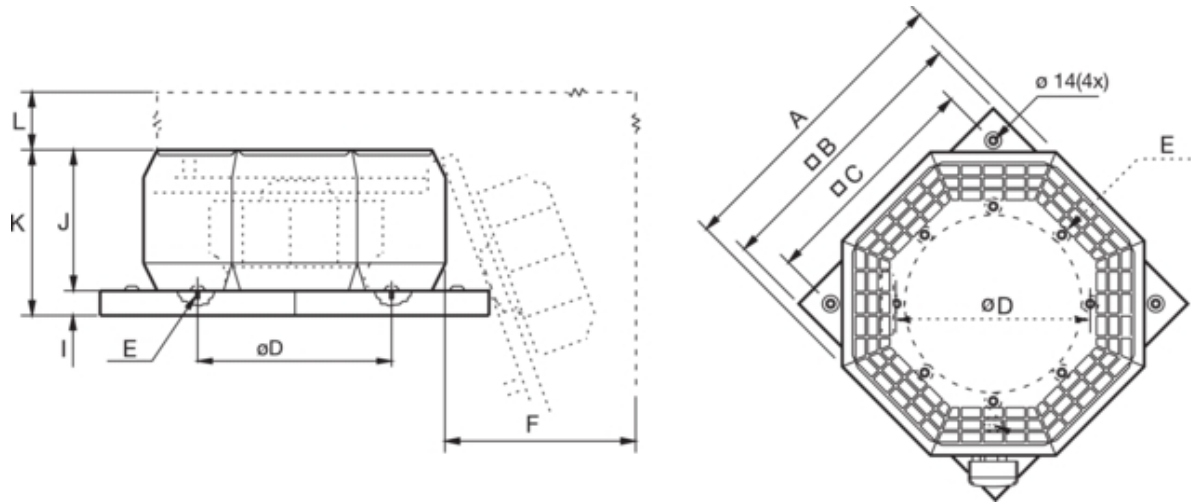
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Sound power level		63	125	250	500	1k	2k	4k	8k	Tot
Inlet	dB(A)	51	63	65	67	69	69	65	57	75
Outlet	dB(A)	52	63	68	69	73	70	64	55	77

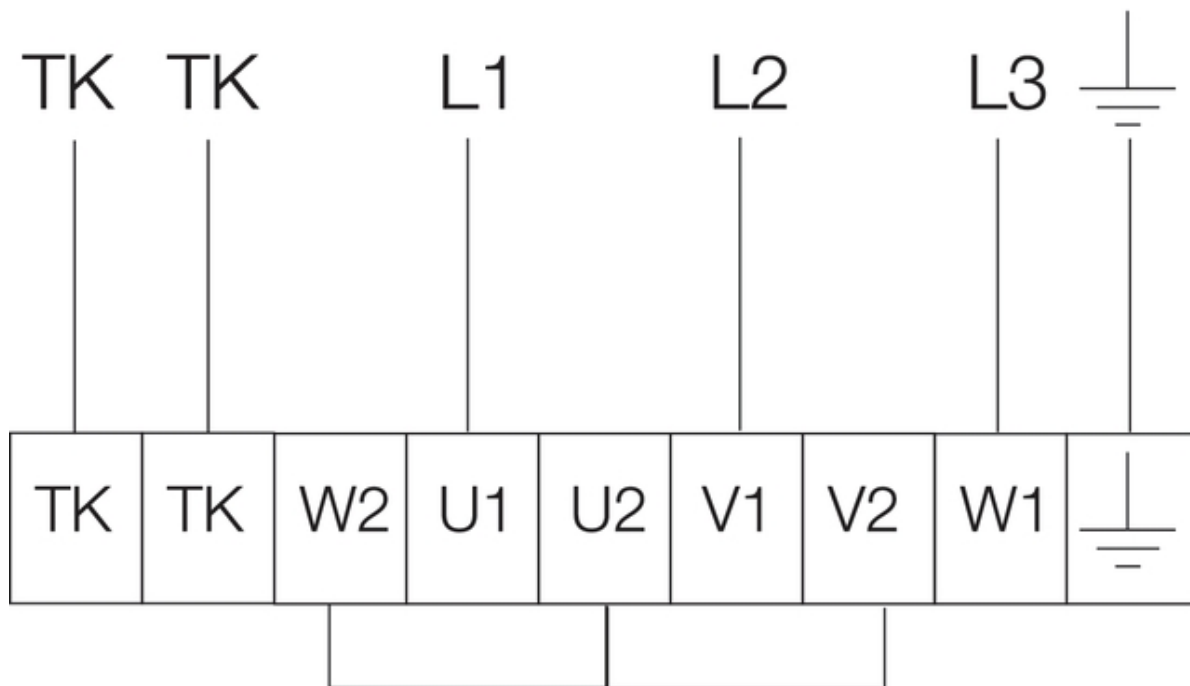
Dimensions



	A	B	C	D	E	F	I	J	K	L
TOV 450	830	757	590	487	M8 (6x)	800	50	350	400	800

Wiring

400V 3~



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Accessories


Electric accessories

[RTRD 4 Speed cont. Systemair \(5942\)](#)
[RTRDU 4 Speed contr. Systemair \(5946\)](#)
[RT 0-30 Room Thermostat \(5151\)](#)
[STDT 16 Motor Protection \(5152\)](#)
[STDT 16E Motor Protection \(5153\)](#)
[CO2RT-R-D Transmitter \(6993\)](#)
[Presence detector/IR24-P \(6995\)](#)
[DTV200 \(6261\)](#)
[REV-5POL/07 ON/OFF \(33980\)](#)
[PXDM 6A intern display \(18620\)](#)
[DTV500A \(96807\)](#)

Accessories

[TG 740-1200 Roof Curb \(5088\)](#)
[BTG 740 Back Draft Damper \(5095\)](#)

Documentation

 [202341_Fans_Instructions_CE_A010.pdf \(1,83MB\)](#)

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