

# Vent-Axia Roof Mounted Fans (CTV)



## Features and Benefits

- Rated at 400°C/2h to EN12101-3
- All models are suitable for continuous operation, air steam temperatures up to 120°C
- All metallic construction
- Single & three phase options
- Single & two speed motor options
- Backward curved impellers
- IP55 Protection

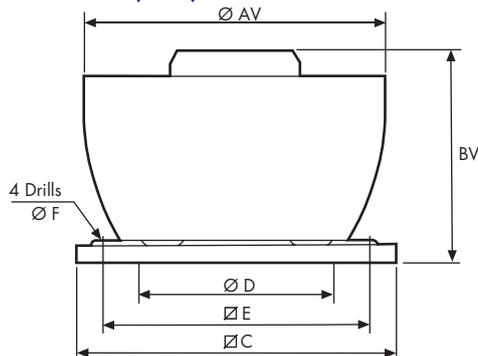
The CTV range of roof extract fans is available in vertical discharge formats, and is suitable for many applications including:

- General ventilation - Industrial ventilation
- Industrial / Commercial kitchens
- Smoke Extract
- Models: Vertical discharge - CTVB single phase - CTVT three phase
- Air stream temperature - 40°C <T>=120°C
- Complete metallic construction
- Certified to EN12101-3 Standards.

## Applications

Suitable for any smoke extract application

## Dimensions (mm)



where the fan must be roof mounted.

## Impeller

Backward curved impellers manufactured in galvanised sheet steel (sizes 225-400) or double coated (cataphoresis + polyester) painted sheet steel (sizes 450-630). All models are dynamically balanced.

## Bases

All base parts are manufactured from galvanised sheet steel.

## Cowls

All cowls are manufactured from spun aluminium.

## Motors

Asynchronous induction motors in die-cast aluminium:

- 230V 50Hz Single Phase
- 400V 50Hz Three Phase (230/400V under request)
- Speed controllable in single and three phase for models 140-400
- Sealed for life ball bearing assemblies.

In three phase voltage, the motors can be

operated in connection at 380-415, which allows two speed operation of the fans.

## General Performance Characteristics

The range consists of 11 unit sizes, covering an airflow range of up to 2.73m<sup>3</sup>/s. Available with 4, 6, 8 pole, single speed motors and 4/8, 6/12 pole, two speed motor options.

## Accessories

A full range of accessories is available to compliment this fan range including

- Sealing frame - JMS circular duct adaptor - JCC
- Flat Roof Up-Stand - JBS
- Acoustic Up-Stand - JAA
- Back Draught Shutter - JCA
- S Flange - JBR
- Flexible Coupling - JPE
- Circular Duct Adaptor - JCC
- Support for individual curb mounted installation - CT/HCT

## Typical Ordering Designation

Model	Motor Poles	Dia.
CTVT	/ 4	- 315

Size	ØAV	BV	C	ØD*	E	ØF
225	556	452	435	250	330	12
250	750	522	560	355	450	12
315	750	564	560	355	450	12
400	850	608	630	400	535	12
450	950	741	710	500	590	14
500	1216	832	905	630	750	14
560	1216	832	905	630	750	14
630	1327	1053	1100	710	840	14

For full performance and selection, please contact our Technical Support Team on 0844 856 0595 for details.