

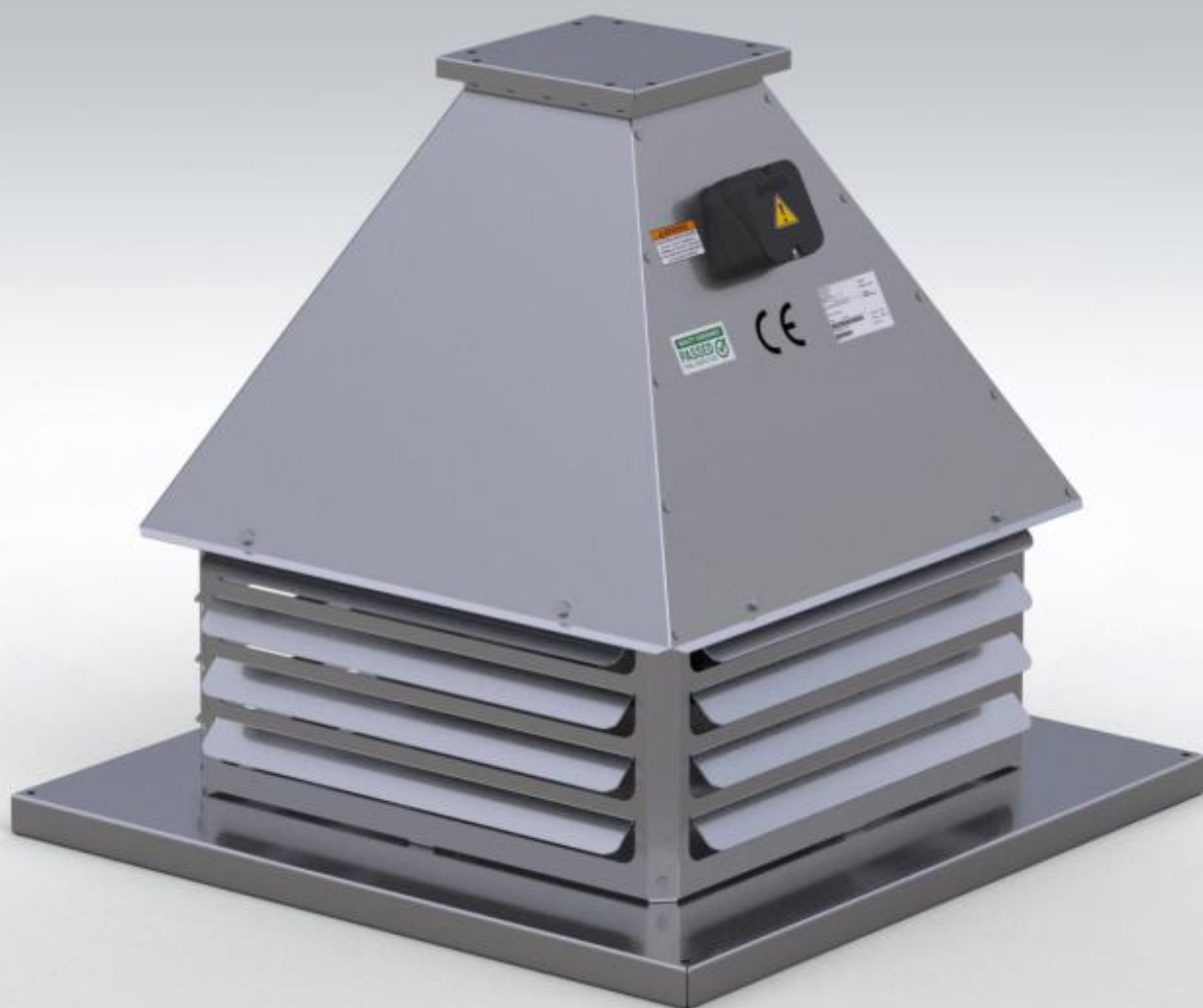


***Product Catalogue***

***[eurovento.eu](http://eurovento.eu)***



**CTF**  
***External Driven***  
***Roof Type***  
***Horizontal Flow***  
***Radial Fan***



## Technical Specifications

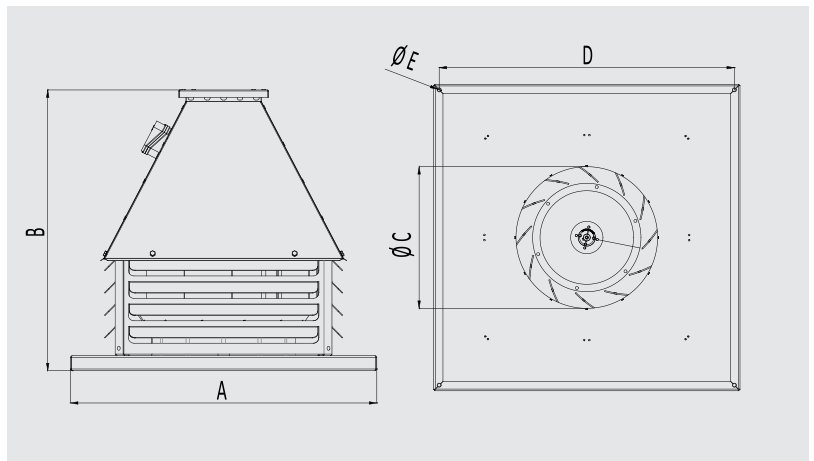
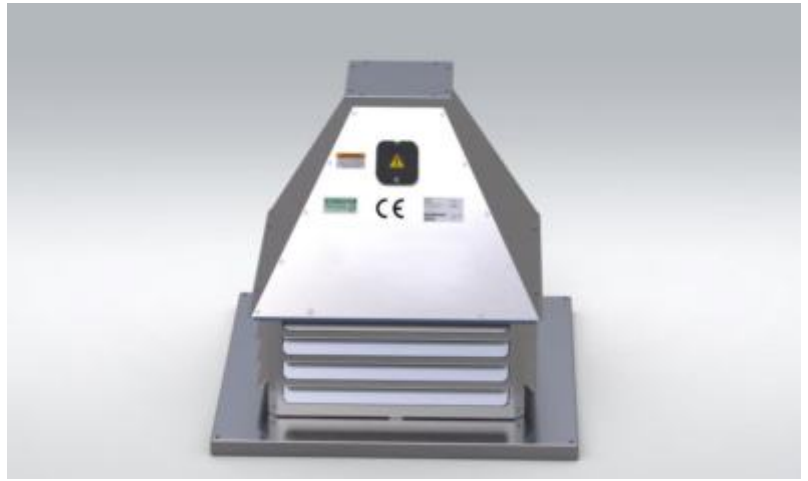
# EXTERNAL DRIVEN ROOF TYPE HORIZONTAL FLOW RADIAL FAN

CTF (380V) series roof type radial fans; are the ideal fans for roof installation in ventilation systems where high air flow and high pressure are required.

Made of high quality corrosion resistant galvanized steel. Fans are radial fans with backward curved blades. Motors are three-phase and have 4 pole, IP55 and Class F insulation. Due to the fact that the motor is out of the air flow, it is protected from the factors that will damage the motor or hot air. This method provides 120 ° C continuous operation. Frequency controller is optional for all models.

### Usage Areas

Can be used in ventilation systems where the exhaust air is likely to damage the motor, in oily exhaust air from kitchens, and all kinds of industrial buildings, office and residential buildings.

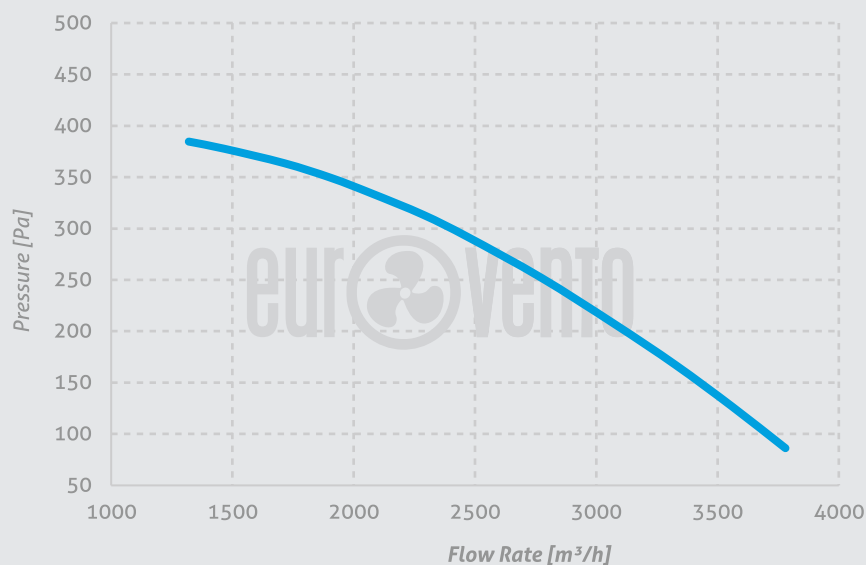


|              | A   | B   | C   | D   | E  | VOLTAGE | FREQUENCY | POWER | CURRENT | MOTOR SPEED | AIR FLOW RATE | PRESSURE | SOUND PRESSURE LEVEL | WEIGHT |
|--------------|-----|-----|-----|-----|----|---------|-----------|-------|---------|-------------|---------------|----------|----------------------|--------|
| MODEL        | mm  | mm  | mm  | mm  | mm | V       | Hz        | kW    | A       | rpm         | m³/h          | Pa       | dBA                  | kg     |
| CTF 250/0.37 | 620 | 583 | 257 | 590 | 9  | 380     | 50        | 0,37  | 1,2     | 1360        | 2800          | 250      | 62                   | 55     |
| CTF 280/0.55 | 670 | 603 | 260 | 640 | 9  | 380     | 50        | 0,55  | 1,6     | 1370        | 4450          | 250      | 64                   | 60     |
| CTF 315/1.1  | 720 | 638 | 291 | 690 | 9  | 380     | 50        | 1,1   | 2,6     | 1390        | 7000          | 250      | 67                   | 70     |
| CTF 355/2.2  | 820 | 751 | 379 | 790 | 9  | 380     | 50        | 2,2   | 5,2     | 1420        | 10500         | 250      | 69                   | 80     |
| CTF 400/1.1  | 870 | 761 | 395 | 840 | 9  | 380     | 50        | 1,1   | 2,9     | 930         | 8300          | 250      | 60                   | 85     |
| CTF 400/4    | 870 | 761 | 395 | 840 | 9  | 380     | 50        | 4     | 8,2     | 1430        | 14000         | 400      | 70                   | 105    |
| CTF 450/2.2  | 950 | 955 | 430 | 920 | 9  | 380     | 50        | 2,2   | 5,4     | 950         | 13300         | 250      | 63                   | 130    |
| CTF 450/5.5  | 950 | 955 | 430 | 920 | 9  | 380     | 50        | 5,5   | 11,2    | 1440        | 18100         | 400      | 71                   | 138    |
| CTF 450/7.5  | 950 | 955 | 430 | 920 | 9  | 380     | 50        | 7,5   | 15,4    | 1450        | 20900         | 500      | 72                   | 151    |

## Performance Curves

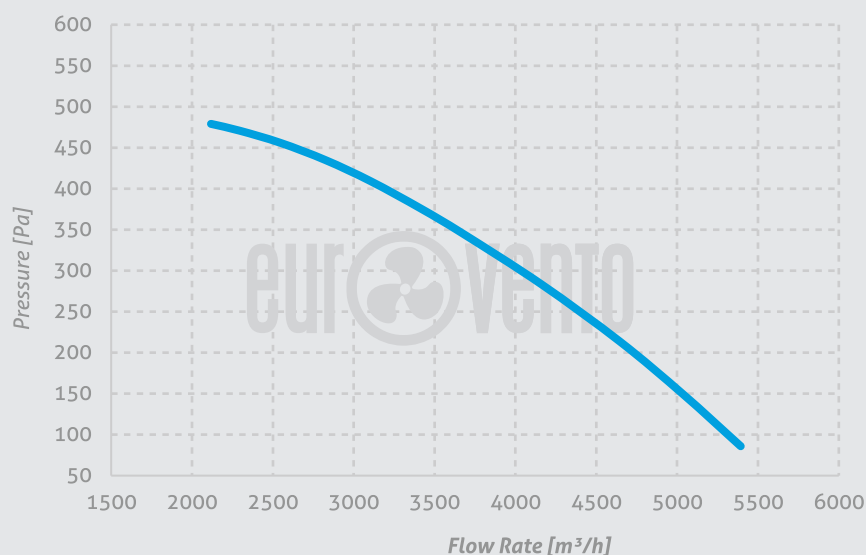
### CTF 250/0,37

Voltage 380 V  
Frequency 50 Hz  
Motor Power 0,37 kW  
Motor Speed 1360 rpm  
Sound Pressure Level 62 dBA  
Weight 55 kg



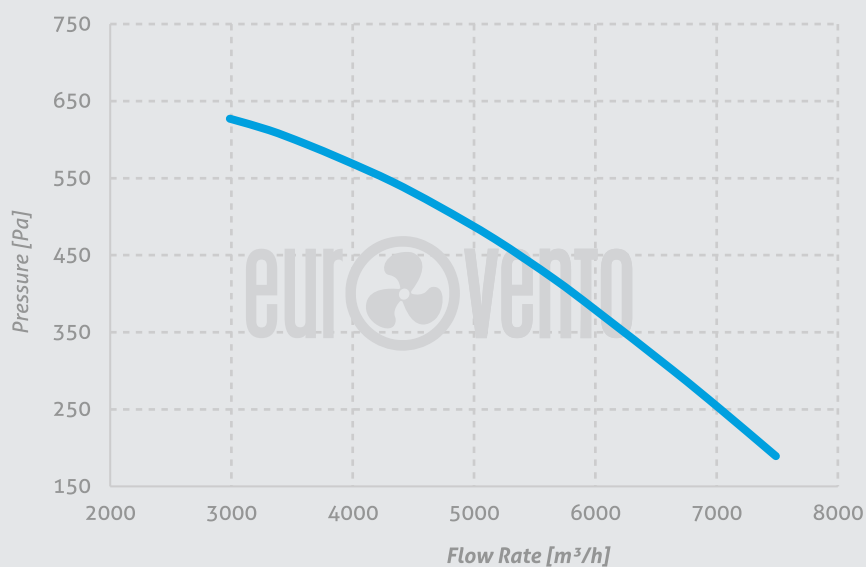
### CTF 280/0,55

Voltage 380 V  
Frequency 50 Hz  
Motor Power 0,55 kW  
Motor Speed 1370 rpm  
Sound Pressure Level 64 dBA  
Weight 60 kg



### CTF 315/1,1

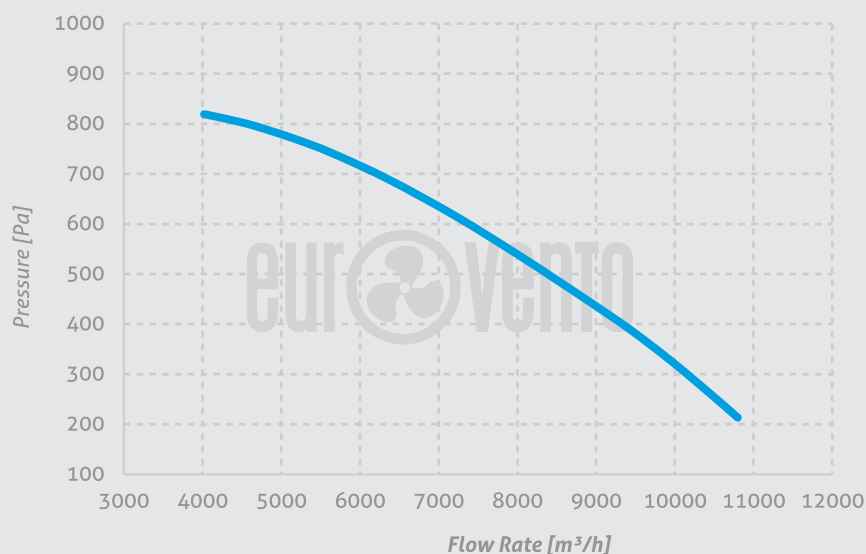
Voltage 380 V  
Frequency 50 Hz  
Motor Power 1,1 kW  
Motor Speed 1390 rpm  
Sound Pressure Level 67 dBA  
Weight 70 kg



## Performance Curves

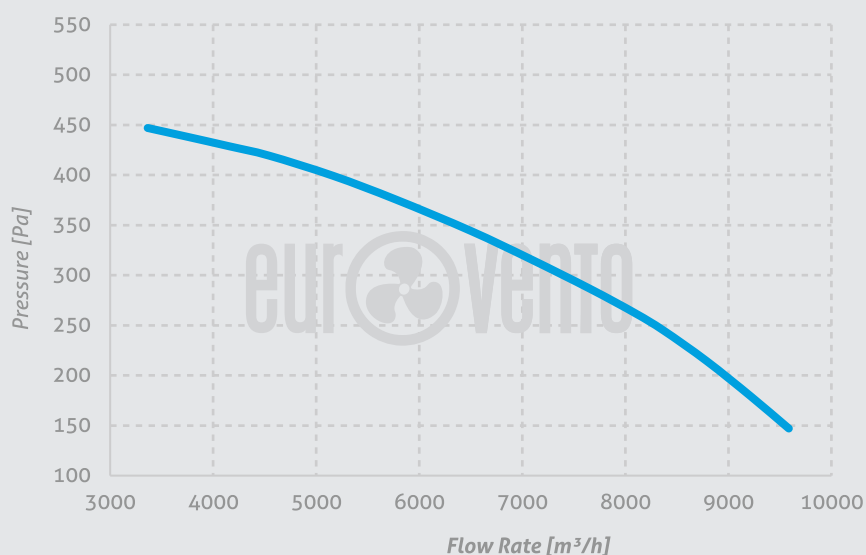
### CTF 355/2,2

Voltage 380 V  
Frequency 50 Hz  
Motor Power 2,2 kW  
Motor Speed 1420 rpm  
Sound Pressure Level 69 dBA  
Weight 80 kg



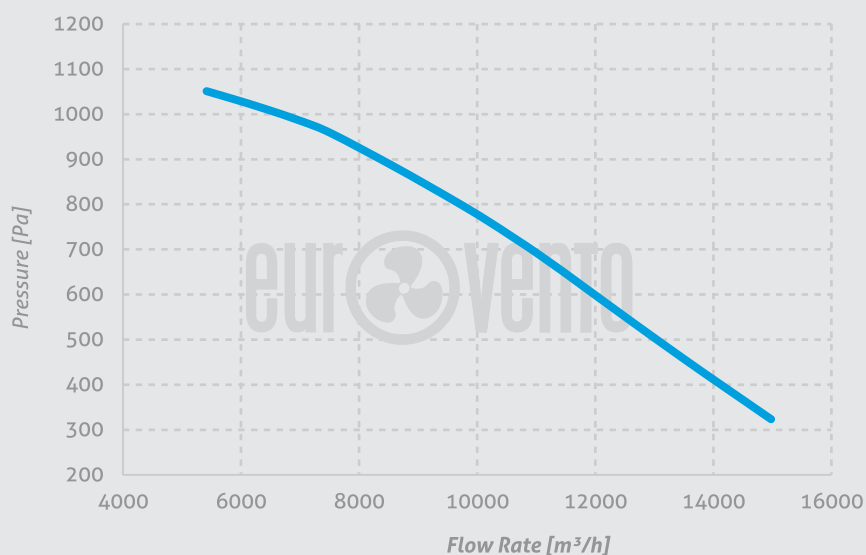
### CTF 400/1,1

Voltage 380 V  
Frequency 50 Hz  
Motor Power 1,1 kW  
Motor Speed 930 rpm  
Sound Pressure Level 60 dBA  
Weight 85 kg



### CTF 400/4

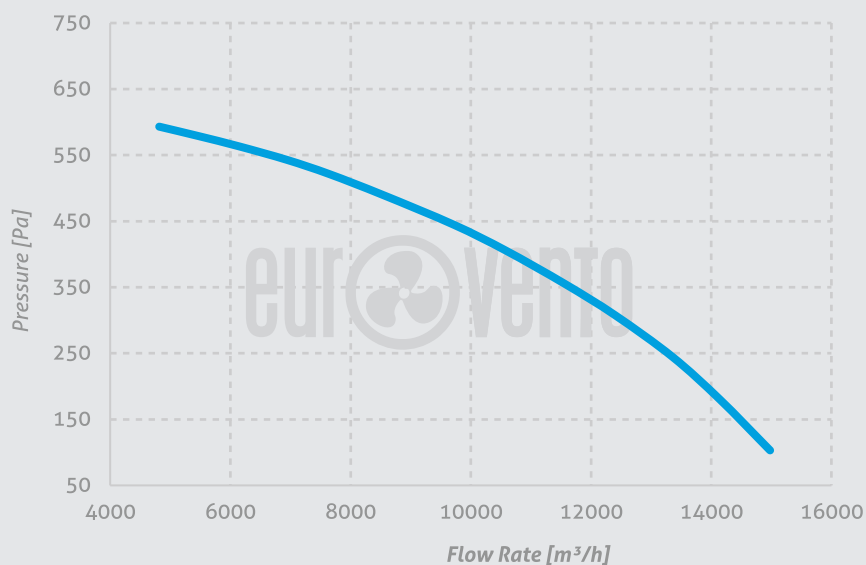
Voltage 380 V  
Frequency 50 Hz  
Motor Power 4 kW  
Motor Speed 1430 rpm  
Sound Pressure Level 70 dBA  
Weight 105 kg



## Performance Curves

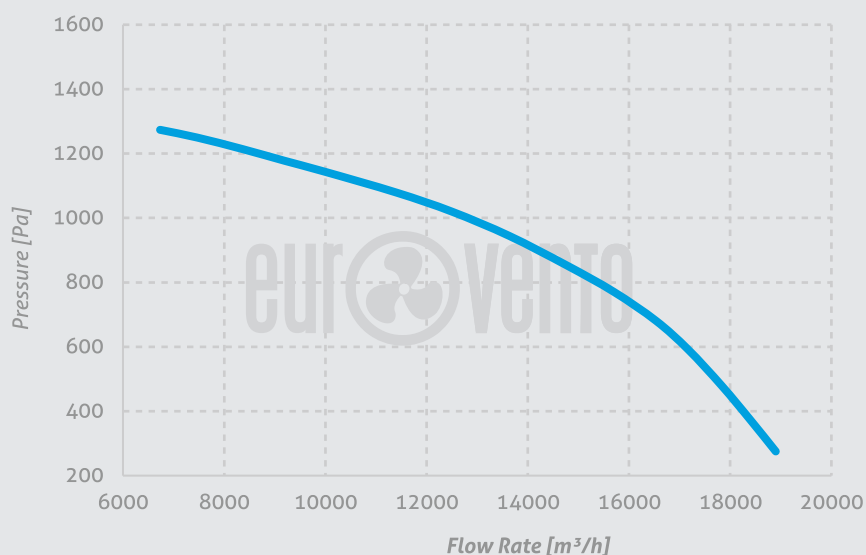
### CTF 450/2,2

Voltage 380 V  
Frequency 50 Hz  
Motor Power 2,2 kW  
Motor Speed 950 rpm  
Sound Pressure Level 63 dBA  
Weight 130 kg



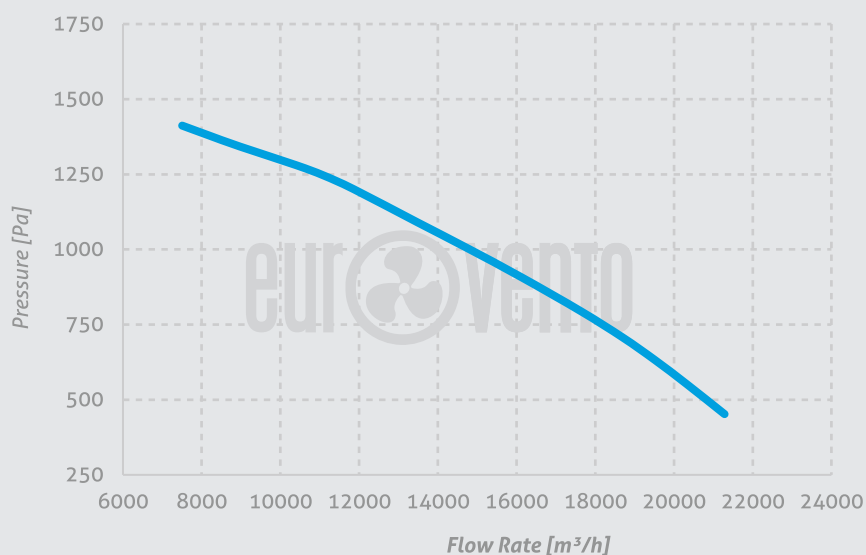
### CTF 450/5,5

Voltage 380 V  
Frequency 50 Hz  
Motor Power 5,5 kW  
Motor Speed 1440 rpm  
Sound Pressure Level 71 dBA  
Weight 130 kg



### CTF 450/7,5

Voltage 380 V  
Frequency 50 Hz  
Motor Power 7,5 kW  
Motor Speed 1450 rpm  
Sound Pressure Level 72 dBA  
Weight 151 kg





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