

# Tafek

Roof extractor for fireplaces



# For purer wood-burning

Wood-burning in small-house fireplaces can increase the volume of harmful fine particle emissions. However, every one of us can contribute substantially to the air quality and even attractiveness of the neighbourliness by burning wood correctly. Pure burning also leads to lower firewood consumption and cleaner chimneys. Tafek Roof Extractor assures the correct wood-burning.

The excess smoke produced by inefficient wood-burning is especially bad for asthma sufferers, small children, and elderly people with pulmonary diseases and heart conditions. Inefficient wood-burning produces high volumes of harmful fine particle emissions and increases other smoke-related problems. Less efficient wood-burning also means higher volumes of firewood, which multiplies the damage.

In order to keep the burning temperature suitably high throughout the burning process, the burning speed in the fireplace must remain sufficiently high. The most important thing is to provide an adequate supply of oxygen for the fire to burn properly from the start. Efficient fireplaces turn firewood into gas and burn the gas inside the fireplace, releasing heat rather than letting the gas evaporate and pollute air. Inefficient wood-burning also quickly soots the whole fireplace, the fire door and the chimney.

Tafek Roof Extractor improves the draught of both old and new fireplaces, heating stoves, baking ovens, and sauna stoves. The extractor also doubles as a normal roof extractor when the fireplace is not in use.

The Tafek Extractor has been designed to ensure that the fire is fed enough oxygen from the start. The fan has a loose structure, which allows its power to be regulated, even switch off the fan, this in turn saves energy.

The materials used in the extractor are corrosion resistant and withstand the weather and season circumstances year after year.



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## Technical data

### Sturdy construction

- Made of stainless steel
- Max. operating temperature 200 °C

### Adjustable

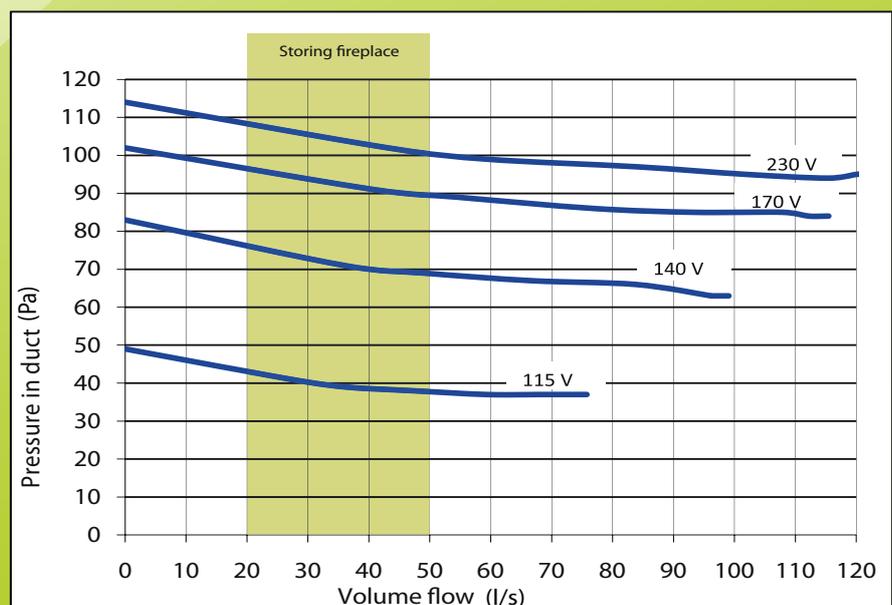
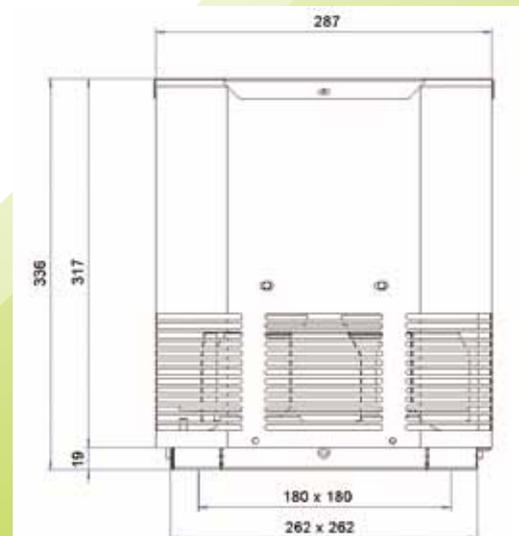
- Low-power, single-phase motor suitable for voltage control
- Once the draught is more efficient after firing, the fan power can be dropped right down or even switched off.

### Easy installation and maintenance

- Installation in duct, no drilling required
- Can be used in round ( $\varnothing$  110–180 mm) and rectangular ducts
- Hinged structure for easy chimney sweeping and maintenance

### Electric motor

- OK-732C B5
- Voltage 230 V
- Nominal output 0,03 kW
- Nominal current 0,3 A
- Capacitor 4  $\mu$ F
- Speed of rotation 1320 1/min





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