

VENTILATOR KLIMA TEHNIKA

Company profile

2018 / 2019

ABOUT US

VENTILATOR KLIMA TEHNIKA is company based in Croatia (Europe) whose primary activity is the production of high quality industrial fans.

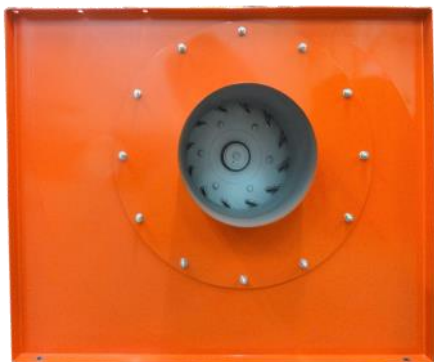
The company operates in the domestic and foreign market for over 25 years, during which we have completed many major projects in the field of energy, food, petrochemical and shipbuilding industries.

Along with the production of new fans, our company offers servicing and/or improvement (so-called “retrofit”) of the old fans.

With constant investment in research and development our product line has increased from initial 2 types of the fans to:

- Axial fans ranging from $\Phi 250$ do $\Phi 2000$ mm
- Centrifugal fans ranging from $\Phi 160$ do $\Phi 2600$ mm
- Roof fans
- Marin design fans (all kinds: axial, centrifugal)
- Flue gas fans
- Forced draft fans
- Hot air generators
- Air heaters (hot water, steam and electrical)
- Heat exchangers with spiral finned tubes
- Professional kitchen hoods

NVT



NVT centrifugal fan

Its main application is the transportation of air in the industrial plants and processes. Smaller sizes of NVT fans, come in a rectangular casing which enables easy mounting.

- Maximum flow: 180 m³/s
- Maximum pressure rise: 3000 pa

SPV



SPV centrifugal fan

Specially designed for the transport of the gas with increased temperature. It is ideal for use in places where medium to high pressure rise is needed.

Maximum flow: 20 m³/s

Maximum pressure rise: 3800 Pa

SV

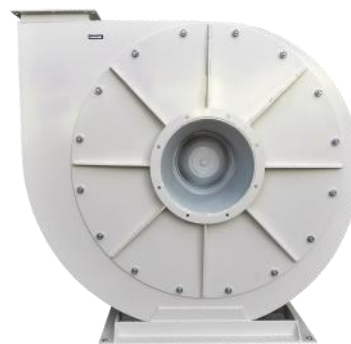


SV centrifugal fan

SV fans are centrifugal fans with forward curved blades. They are intended for use in places where relatively low flow capacity and high pressure rise are needed.

- Maximum flow: 5,1 m³/s
- Maximum pressure rise: 6800Pa

STV



STV centrifugal fan

Main feature of STV centrifugal fan is their stable curve and relatively high pressure rise. These fans are ideal for process industry.

- Maximum flow: 1,8 m³/s
- Maximum pressure rise: 10000 Pa

HEF

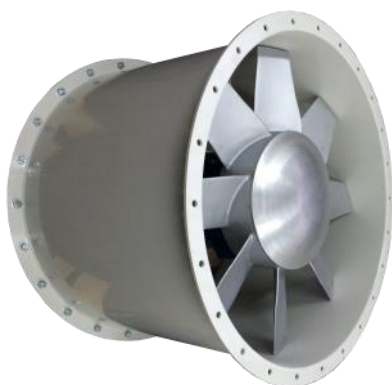


HEF centrifugal fans

HEF centrifugal fans are mainly used as forced draft fans and induced draft fans in energy industry. Because of perfectly aerodynamically profiled blades HEF fans have high efficiency (up to 90%). This makes our HEF fans one of most energy efficient fans in world. HEF fans have 3 different types of impeller design and 9 different housing designs which combined makes large work area. Impeller size of HEF fans are in between 630 mm up to 2700 mm.

- Min. Air flow: 0,6 m³/s
- Max. Air flow: 280 m³/s
- Min. Pressure: 600 Pa
- Max. Pressure: 14000 Pa

AV i AV-M



Axial fans AV i AV-M

Axial fans type AV are made of die cast aluminium impeller with fixed blades.

Axial fans type AV-M are made of impeller with adjustable pitch blades. Blades can be made from composite material or die cast aluminium. This type of fans are very energy efficient.

Most common usage of this axial fans are: ventilation of large ships (cargo hull, engine room etc.) or for ventilation of large industrial plants.

- Max. Air flow: (AV): 20,5 m³/s
- Min. Pressure: 800 Pa
- Max. Air flow: (AV-M): 67,2 m³/s
- Max. Pressure: (AV-M): 1480 Pa

KRV-V



KRV-V

Roof fans with vertical exhaust

Roof fans with vertical exhaust are commonly used for ventilation in public areas and in kitchens of restaurants. Vertical exhaust makes it possible to use this fan in windy areas.

- Maksimalni protok:: 3,5 m³/s
- Maksimalni tlak: 500 Pa

KRV-H



KRV-H

Roof fan with horizontal exhaust

Roof fans with horizontal exhaust are commonly used for ventilation in public areas and in kitchens of restaurants. Horizontal exhaust roof fans should not be used in windy areas,

- Maksimalni protok:: 3,5 m³/s
- Maksimalni tlak: 500 Pa

NVGT i NVGT-E



NVGT air heaters

NVGT air heaters are specially designed for usage in industrial areas such as metalworking facility, manufacturing plants, storage, greenhouses, stock farms etc.

We manufacture 3 types of NVGT air heaters:

- Water air heaters
- Steam air heaters
- Electric air heaters

TSV

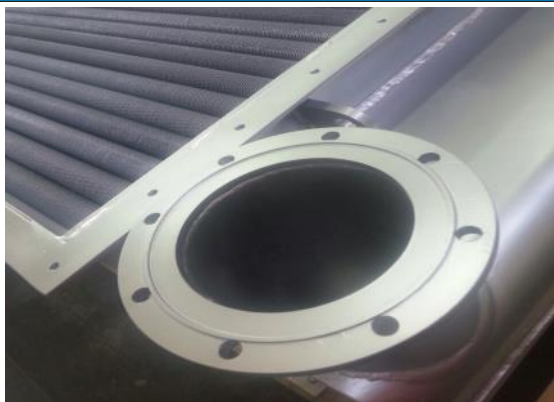


Transport fans TSV

Centrifugal transport fans are used for pneumatic transport of material such as powder, wood chips paper cuts etc. For wood and paper industry we have special, customized versions of TSV fans suited for transport of endless paper strips. TSV impellers are made of high strength steel and are fully welded.

- Max. air flow: 18 m³/s
- Max. pressure rise: 6400 Pa

HEAT EXCHANGERS



We can manufacture spiral finned tube heat exchanger for usage in almost every industrial process. Our heat exchangers are mostly used as water coolers/heaters in process industry. They are also convenient for grain dryers or other agricultural products.

SPARE PARTS



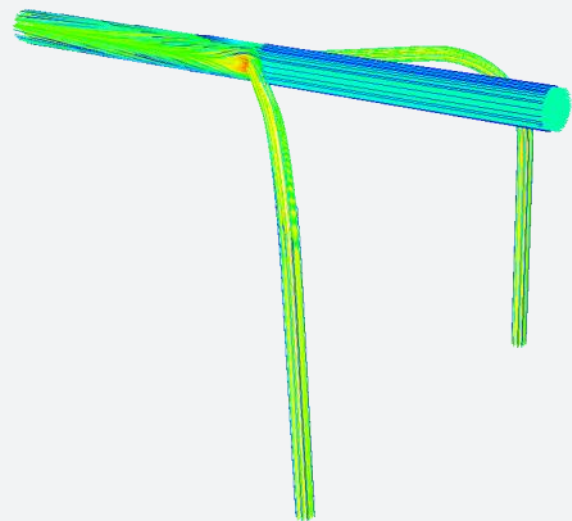
For all of our products we guarantee availability of spare parts for at least 10 years from order. For all of our fans it is possible to buy spare impeller, motor or any other part.

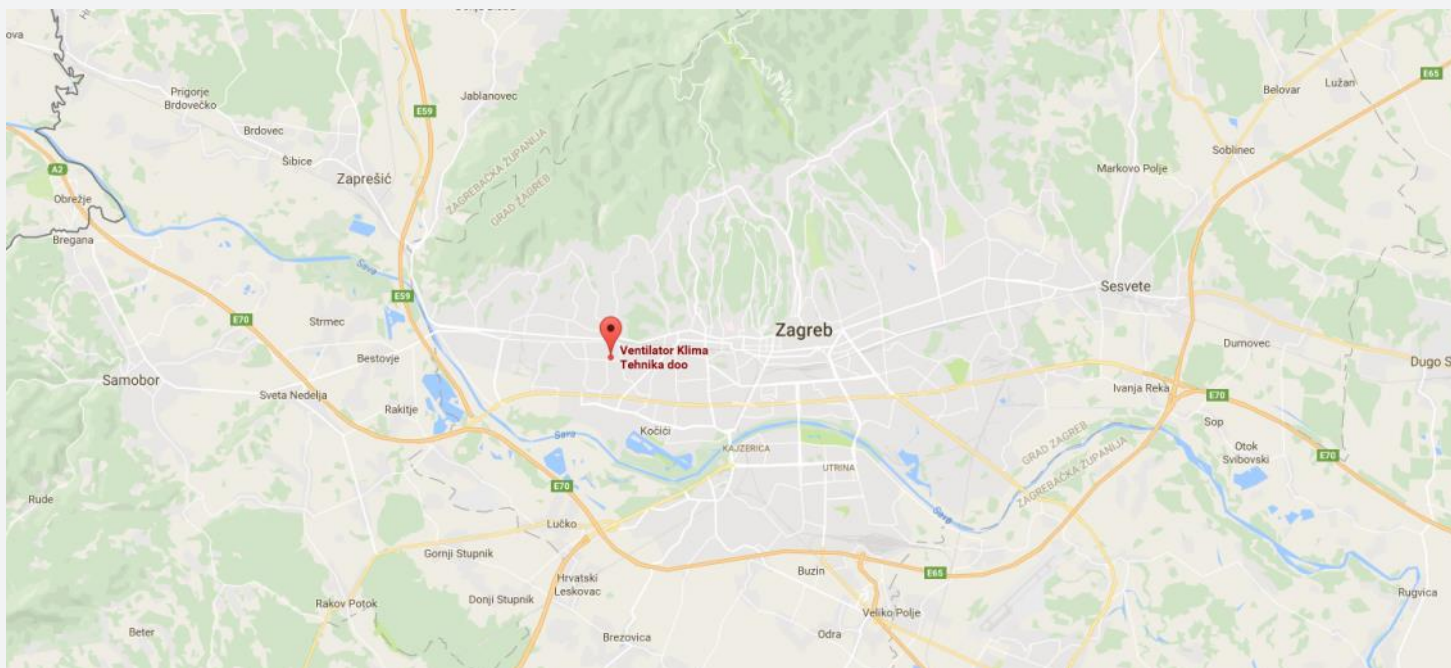
In case you need spare part of fan that is not of our production we can offer you production of new part according to your dimensions or sample.

Services

Along with production of fans we can offer you following services:

- Balancing and repair of impellers
- Manufacture of fans according to the sample
- Design and manufacture of tailor-made fans
 - Fan modification for pneumatic transport of particles (plastic, metal, wood ...)
 - Fan modification of our fans to suit your existing systems (foundation layout etc.)
 - Manufacture of all fans out of special materials (such as stainless steel, plastics etc)
- **“RETROFIT”** – we can modify your existing fans in accordance with new efficiency standards
- CFD analysis / simulation
- Efficiency analysis of existing systems





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