



ROOF FANS

POWERFUL | ENERGY EFFICIENT | ELEGANT

THE RIGHT CHOICE

In the course of the optimisation to meet the efficiency standards of the ErP 2015, we succeed to provide the complete range of roof fans with horizontal and vertical discharge with reasonably priced AC motors.

We are simultaneously introducing the complete ranges with highly efficient EC motors, which place themselves well above the ErP 2015 requirements.

All product versions are equipped with aerodynamically efficient backward curved impellers.

The impellers are mounted directly on the external rotor motor and are commonly dynamically balanced.

The „P“ versions with AC or EC motor, come with an integrated isolator switch.

The housing is made of weatherproof aluminium AlMg3, equipped on the outlet side with a protective grid.

DHA / DVA, AC motor

The speed control of the DVA/DVA...P and DHA/DHA...P with asynchronous motor can be adjusted with the following devices.

DHA / DVA, EC motor

The EC motors of the DVA...EC/DVA...ECP and DHA...EC/DHA...ECP ranges have integrated electronic. The following control devices assist in continuously adjusting the rotational speed of the motor.

230 V ~



TEE

Five step transformer



TES

Seven step transformer

230 V ~



MTP 20

Potentiometer



CON

Constant pressure control



SEN CO2

CO2 Sensor

400 V 3~



TDM

Five step transformer



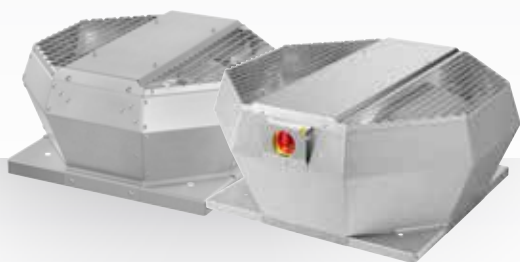
TDS

Seven step transformer



AN OVERVIEW

VERTICAL DISCHARGE



DVA / DVA ... P

- Max. air flow rate: 10960 m³/h
- Backward curved radial impeller
- Housing made of aluminium AlMg3

ErP

2015

DVA ...EC / DVA ... ECP

- Max. air flow rate: 14115 m³/h
- Backward curved radial impeller
- Housing made of aluminium AlMg3

ec

technology

ErP

2015

HORIZONTAL DISCHARGE



DHA / DHA ... P

- Max. air flow rate: 11950 m³/h
- Backward curved radial impeller
- Housing made of aluminium AlMg3

ErP

2015

DHA ... EC / DHA ... ECP

- Max. air flow rate: 16280 m³/h
- Backward curved radial impeller
- Housing made of aluminium AlMg3

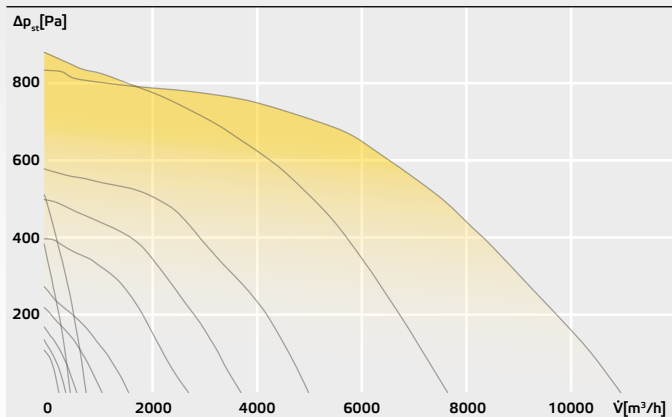
ec

technology

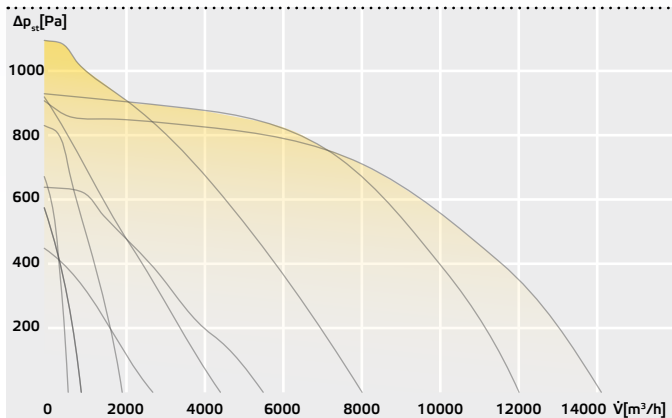
ErP

2015

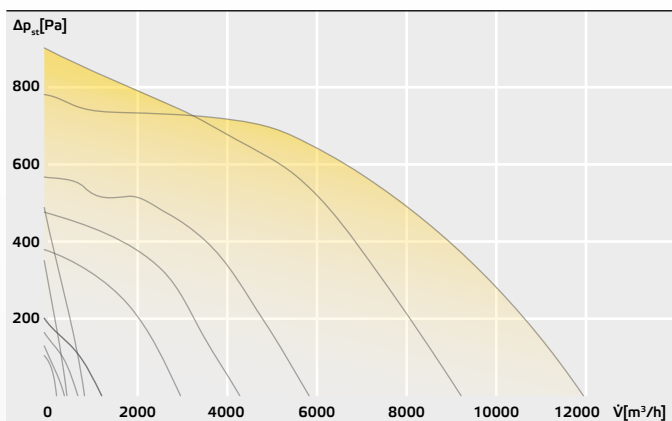
OF THE RANGES



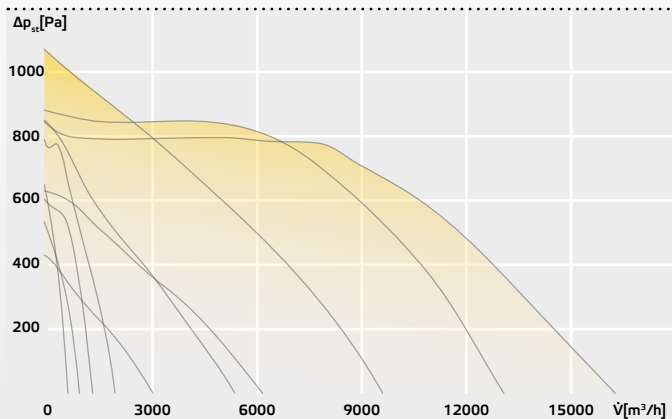
- Voltage controllable asynchronous motor
- Integrated thermostatic switch



- Highly efficient EC motor with integrated electronic
- Internal electronic temperature monitoring



- Voltage controllable asynchronous motor
- Integrated thermostatic switch



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THE RELIABLE SOLUTION

The development of the european ventilation market finds itself under the direct influence of continuously growing efficiency requirements.

These should represent the solution for significant future energy saving.

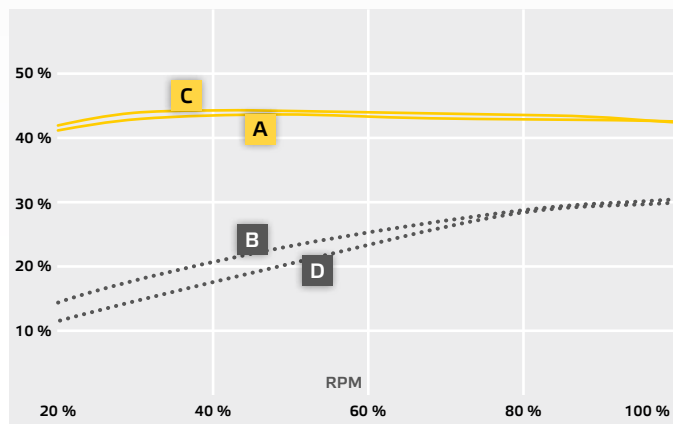
At **ruck Ventilatoren**, we have succeeded in meeting the set requirements in both EC and AC product versions.

In reality, the energy efficiency of a fan is inextricably linked to its operating mode and to the actual requirements of the ventilation system.

If the fan is to function extensively at part load, then the EC motor is by far the right choice.

When considering an application which requires the fan to operate at full load, then the AC motor can easily represent a reasonably priced alternative.

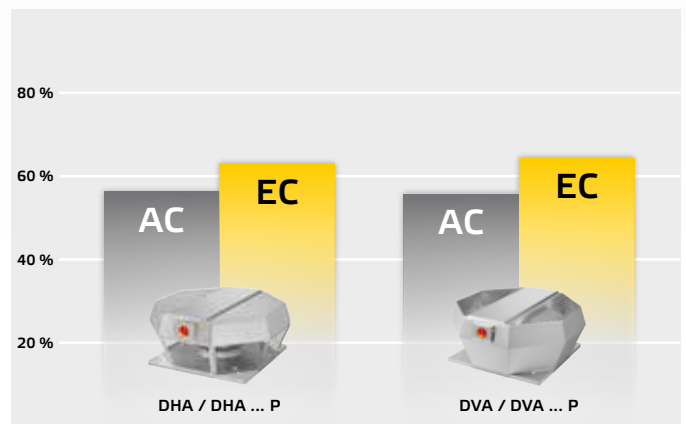
Static fan efficiency



Legend:

- A Fan with EC motor (DVA 220 EC 30)
- C Fan with EC motor (DHA 220 EC 30)
- B Fan with AC motor (DVA 220 E2 10)
- D Fan with AC motor (DHA 220 E2 10)

Roof fans efficiency rates



OUR RANGE OF PRODUCTS

IN LINE TUBE FANS

ETALINE and ETAMASTER, the no. 1 in saving energy.



DUCT FANS

Centrifugal forward and backward curved fans, compact diagonal fans.



EXHAUST FANS

For industrial or kitchen exhaust, up to 120 °C.



ROOF FANS

Roof fans with vertical discharge, up to 120 °C.



COMPACT AHU

Recuperative heat recovery up to 85 % with counter flow heat exchanger and EC fans.



WITH HIGH PERFORMANCE HEAT RECOVERY

Regenerative constant heat recovery up to 93 %. Plug-and-Play concept.



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