

EFFICIENT REGULATION WITH FREQUENCY CONVERTERS

KOSTAL INVEOR

SPEED CONTROL EASILY MADE!

Turn down your energy costs...

To adapt blowers and side channel blowers to customer applications in an optimal way frequency converters are a modern and highly efficient accessory. The electronic speed control can be used to replace energy wasting, manually operated air regulations and pressure limitations. Therefore frequency converters are an ideally suited tool to reduce energy costs to a minimum.

0,37 - 1,5 kW



2,2 - 4,0 kW



5,5 - 7,5 kW



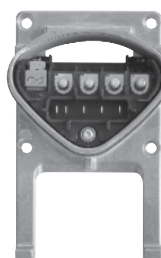
Kostal Inveor frequency converter - the advantages at a glance:

- Robust and compact housing made of die casting
- Vector control
- High temperature and vibration resistance
- In most cases space saving solution compared to similar frequency converter
- DC input possible
- Direct or motor close installation possible
- Suitable for indoor and outdoor use
- Integrated soft-PLC in accordance with EN 61131-3
- Accessory on request available (control panel MMI, adapter plate for wall installation, USB interface cable, braking resistors)

Control panel



Adapter plate



Interface cable



LINK INTELLIGENT

SAVE ENERGY COSTS!

The main technical data:

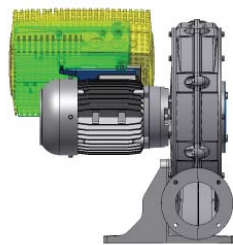
- For motor ratings from 0,37 kW up to 7,5 kW (larger motor ratings on request)
- Supply voltage: 3~ AC 400 V - 15% to 480 V +10%; 50/60 Hz \pm 6%
- Output voltage: 3~ AC, 0 V to supply voltage
- Output frequency: 0 to 400 Hz
- For motor ratings from 0,37 kW up to 1,1 kW also available for 1~ AC 230 V
- Max. overload for 60 seconds: 150%
- Switching frequency of power stage: 4,8,16 kHz (factory setting: 8 kHz)
- Protective functions: overvoltage, undervoltage, I²t limitation, short circuits, motor temperature, converter temperature, stall protection, skid control
- Process control: freely configurable PID controller
- Ambient temperature: -25°C (without condensing) up to 50°C (without derating)
- Protection class: IP 65
- EMC category according to DIN EN 61800-3, class C2

Size difference in the review:

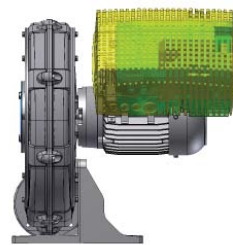
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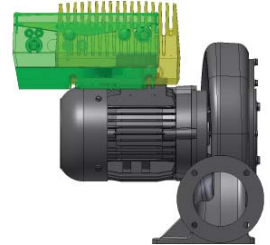
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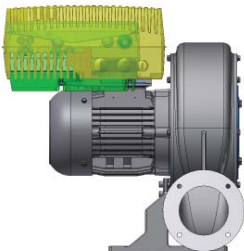
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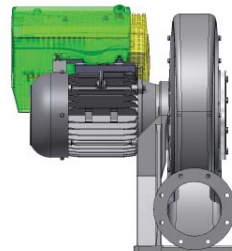
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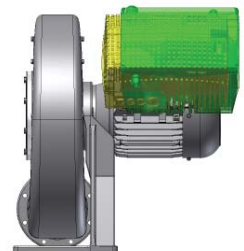
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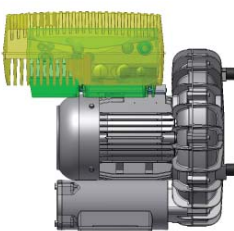
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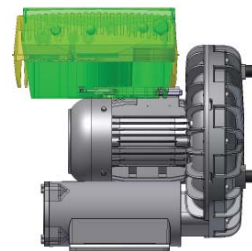
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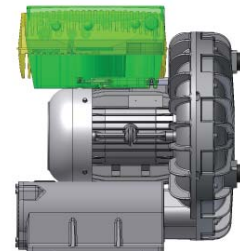
SD 4n FUK



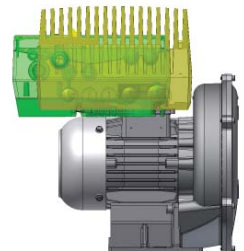
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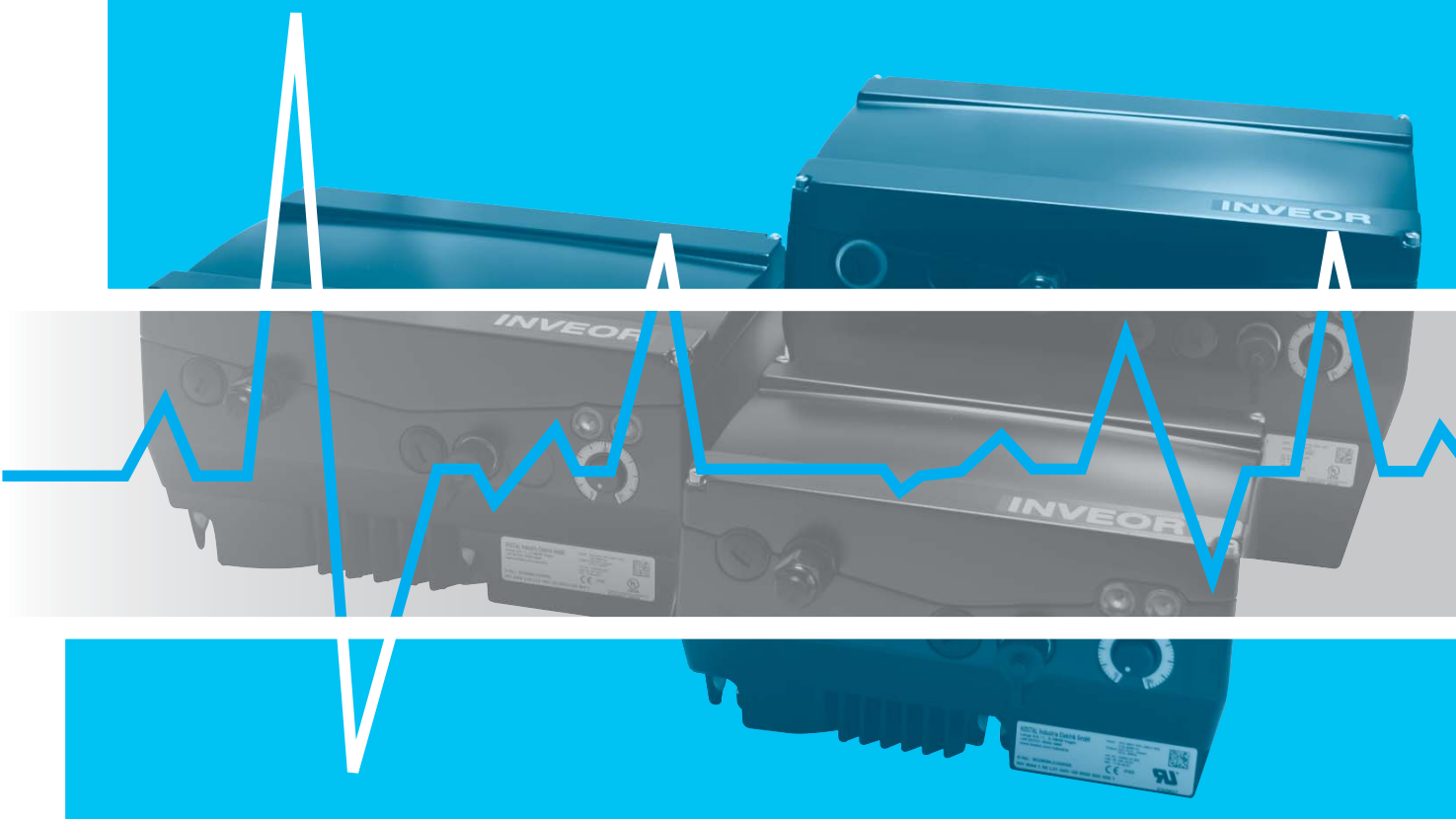


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- Kostal Inveor frequency converter
- Lenze 8200 frequency converter

INCREASE EFFICIENCY - REDUCE ENERGY COSTS!



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