

Pioneering for You

**wilo**



Product brochure

**PIONEER of the booster system with new technology**  
**Wilo-HiBoost Vario**



Wilo provides

# green solution

for a better future.

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Our innovative solutions, smart products and individual services move water in an intelligent, efficient and climate-friendly manner.

We are also making an important contribution to climate protection with our sustainability strategy and in conjunction with our partners.



Wilo sustainability goal:

**50million** tonnes

We are reducing  
CO<sub>2</sub> emissions  
by 50 million tonnes.

WINNER



German  
Sustainability  
Award 2021

# Wilo-HiBoost Vario

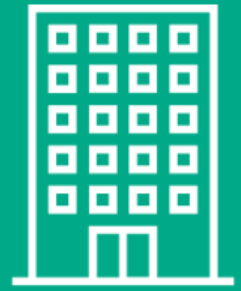
Maximum

Energy

IE5

Efficiency





**Commercial buildings**



**Hospital**



**Data center**



**Water supply**

# Ultra Premium Efficiency



\*comparison of motor efficiency (KW)

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# Wilo-HiBoost Vario



## Construction

- Vertical design with integrated High-Efficiency Drive and in-line connections.
- The integrated frequency converter enables variable speed, pressure and PID control.

## Application

- Water supply and pressure boosting
- Industrial applications
- Process water
- Cooling water circulation systems
- Fire extinguishing systems
- Washing systems
- Irrigation

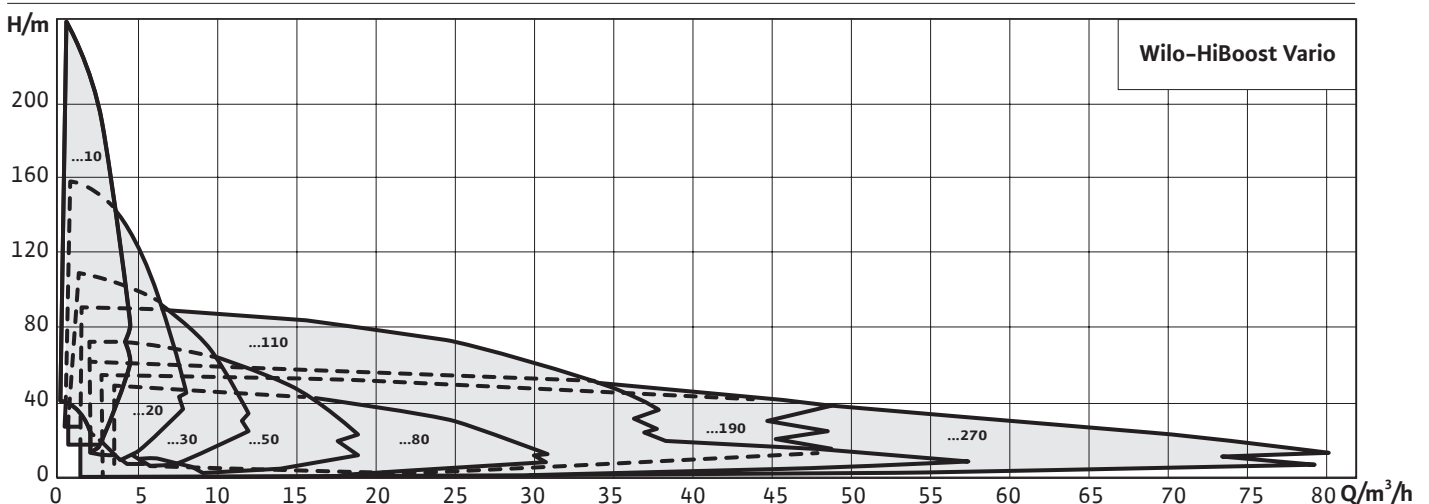
## Technical data

- Fluid temperature  $-20\text{ }^{\circ}\text{C}$  to  $+140\text{ }^{\circ}\text{C}$
- Mains connection:  $3\sim 380\text{ V}$  -  $3\sim 440\text{ V}$  ( $\pm 10\%$ ),  
50/60 Hz
- Minimum efficiency index (MEI)  
: up to 6.0 kW:  $\text{MEI} \geq 0.7$
- Power range: 1.1kW ~ 7.5kW
- Operating pressure: 16 bar (Standard)  
: 25 bar (Option)

## Special features

- Highly efficient EC motor of energy efficiency class IE5 in accordance with IEC 60034-30-2
- Easy operation and configuration thanks to green button with blocking function and display
- Efficiency-optimised, laser-welded 2D/3D high-efficiency hydraulics (flow and degassing optimised)
- Corrosion-resistant impellers, guide vanes and stage housings
- Flow and NPSH-optimised pump housing
- Easy-maintenance design
- Drinking water approval for pumps with parts that come in contact with the fluid made of stainless steel (EPDM version)

## Duty chart



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