

# Gas vacuum pump

## For the evacuation of gas-insulated equipment

### Model GVP-200

WIKA data sheet SP 63.30

#### Applications

Air and nitrogen evacuation after transport or servicing of gas-insulated equipment (GIE)

#### Special features

- System safety is ensured by high-precision digital pressure sensor and PLC-ensured protective system
- Equipped with intuitive touchscreen control for convenient evacuation operations
- Toolbox for easy storage of gas handling hoses and tools
- Easy transport through high-quality wheels, forklift pockets and lifting eyes
- Low maintenance effort and automatic maintenance reminder



Gas vacuum pump, model GVP-200

#### Description

##### For evacuation of air/nitrogen during service of GIE

The model GVP-200 gas vacuum pump plays an important role in servicing and maintaining equipment.

Before filling with a suitable insulation gas, the gas compartments must be free of contamination and residual air/nitrogen pressure should be as low as possible after service or commissioning. The powerful and easy transportable gas vacuum pump, helps to evacuate gas compartments far below current industry standards and regulations.

The evacuation system is controlled via a touchscreen HMI. Target vacuum values can be easily entered, as well as further parameters. An after-run time can be specified for further vacuum stabilisation and to increase the vacuum drying effect. A screen guard protects the HMI from damage during storage and operation.

For safe operation, the initial pressure is monitored using best-in-class WIKA pressure sensors. High-precision WIKA vacuum sensors ensure accurate measured values with the necessary resolution to monitor vacuum applications.

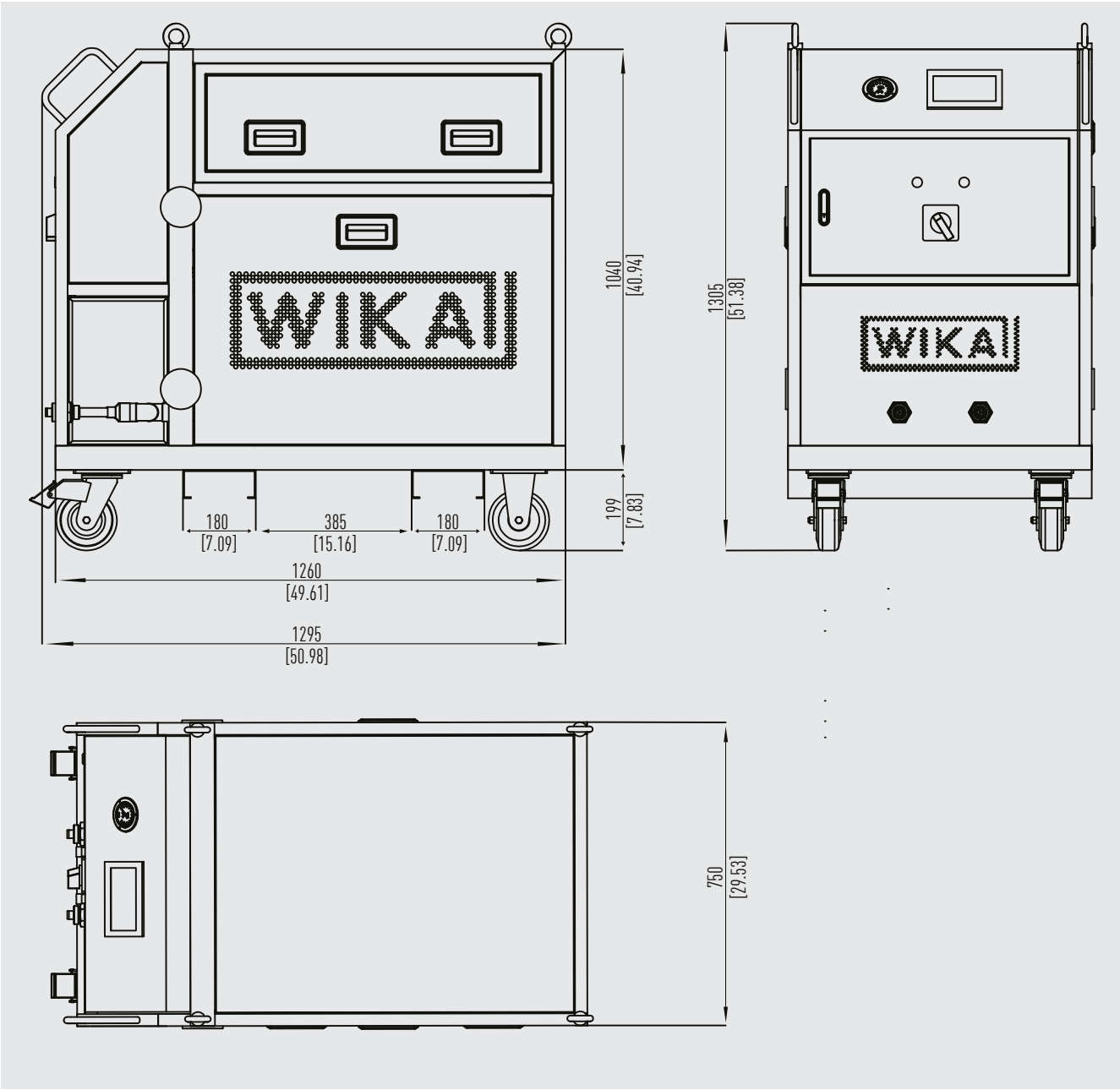
## Specifications

Basic information	
Suction capacity	240 m <sup>3</sup> /h (60 Hz)
Final vacuum	≤ 50 Pa
Control element	<ul style="list-style-type: none"><li>■ 7" touchscreen</li><li>■ 10" touchscreen</li></ul>
Wheels	Robust nylon wheels, Ø 150 mm [Ø 5.9 in]

Voltage supply	
Operating voltage	AC 200 ... 380 V, 3-phase, 50/60 Hz
Power consumption	≤ 4.5 kW

Electrical connection	
Connection type	DN 20 M45 x 2 male
Connections	Gas compartment connection: DN 20 male, brass, pressure range 0 ... 1.3 bar abs. [0 ... 18.85 psi abs.] <ul style="list-style-type: none"><li>■ CON 1</li><li>■ CON 2</li></ul>

Operating conditions	
Place of use	Indoor/Outdoor
Ambient temperature range	5 ... 40 °C [41 ... 104 °F]
Relative humidity, condensation	< 95 % relative humidity (non-condensing)
Weight in kg	Approx. 370 kg [815.71 lb]
Noise emission	≤ 75 dB(A)



Accessories and spare parts

Connection 1	Connection 2	Length	Order number
DN 8 male	DN 20 female	3 m [9.84 ft]	64457941
		5 m [16.40 ft]	64457942
		10 m [32.80 ft]	64457943
		15 m [49.21 ft]	64457944
DN 20 male	DN 20 female	3 m [9.84 ft]	64457945
		5 m [16.40 ft]	64457946
		10 m [32.80 ft]	64457947
		15 m [49.21 ft]	64457948

Adapter	Order number
DN 8 (male) to DN 20 (female), brass	14096583
DN 20 (female) to DN 8 (male), brass	14284870
Customised	On request

Ordering information

To order the described product the order number is sufficient.

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