

Operation Instructions

GB ALFRA Vacubest

Prod. No. 18150



The correct use of the Vacuum Attachment „Vacubest“:

Valid herefore are the National Worker's Protection Rules.

We take into consideration, that the electronic devices we supply , are constructed according the law of protection against dangers for life and health for technical working devices.

The Vacubest is designed to generate a vacuum.

Prior to Use

Read operation manual carefully!

Follow the safety regulations!

Check, that the power supply corresponds with the one mentioned on the nameplate of the Vacuum Pump.

The Vacuum Pump is only to be used with the adequate shockproof socket. Check connecting line, extension cord resp. on damages regularly!

Check hose on damages regularly!

Use

With the use or the maintenance of the Vacuum Pump the national safety regulations are to be followed.

Connect suction tube. Connect power supply and switch on Vacuum Pump.

Facilities, working devices resp. As well as components must be designed for a max. depression of –900 mbar (-0,9bar).

Place Vacuum Pump in a way, that the intake air and the outgoing air can circulate properly. It is indispensable to keep the ventiducts clean and uncovered.

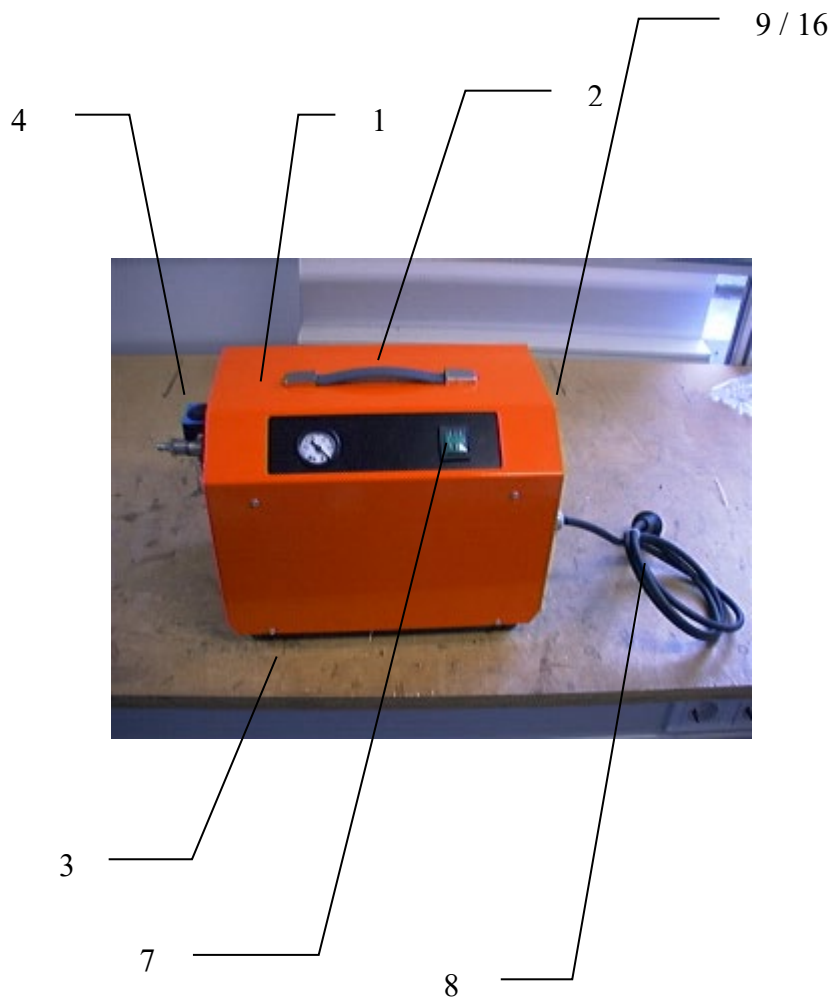
Attention : Suction of inflammable, liquid or explosive media or other dangerous substances is strictly prohibited.

Instructions of use

The following activities are to be done after the use:

- Switch-off pump
- Disconnect power supply
- Deflate pressure by means of dismantling the suction tube at the device, also condensation water can pour out the of the quick coupling. (Hold pump at a slight angle)

Trouble Shooting		
Fault	Possible reason	Solution
Device does not start operation	Not connected to power supply	Connect plug to mains supply
	Connecting line defective	Replace connecting line
	Fuse of device defective	Replace fuse (Attention: Only use fuses with the same nominal current).
	Accumulator discharged	Charge or change accumulator
	End vacuum or cut-off pressure achieved.	Deflate vacuum or pressure
Device switches off after a longer time	Device is too hot. Thermoswitch has released.	Cool down device
No vacuum	Bypass valve opened	Close bypass valve
No pressure	Bypass valve opened	Close bypass valve
Air capacity insufficient	Membrane defective	Measure air capacity with appropriate measuring instrument, if necessary , replace defective parts
Pressure/Vacuum increases too much.	Safety valve does not open (if available)	Renew safety valve and set the value mentioned in the Technical Data



Spare Part List

Pos	Part No.	Quantity	Description
1.	GFA80B1	1	Housing cpl.
2.	BHT3271.003	1	Handle
3.	BHT2530.004	4	Housing foot
4.	LHF022.B01	1	Water separator blue with pre-filter
5.	LHN370.B01	1	Quick coupling
6.	LNQ111.070	1	Nude gauge –1 bar dia= 40mm
7.	EHS082.001	1	Switch (green illuminated)
8.	EHU0500.050	1	Connecting line with plug
9.	EHS616.200	1	Fuse holder
10.	EHS280.001	1	Protecting cap of switch
11.	EHS282.001	1	Frame of switch
12.	BHT1515.004	4	Vibration absorber of pump
13.	LHV1605.002	1	Back pressure valve
14.	AHW09A5.000	1	Diaphragm pump
15.	LHK332.A00	1	Angle hose muff G1/8"x6
16.	EHS502.000	1	Fuse 2 A T

With orders please always note year of make, colour, prod.-no. and device-no.

Cleaning

- Always cut off plug first.
- Check connecting line on damages regularly.
- Keep ventiducts clean and uncovered.
- Check suction tube on damages.
- Avoid drawing in of oil or anticorrosive in the vacuum pump.

Clean pre-filter regularly (by means of compressed air).

Heavily polluted filters must be replaced.

Damages caused by handling malpractices, overload or regular wear, remain excluded of warranty. Damages caused by material- and/or production fault, we grant warranty.

Maintenance and repair

Please pay attention that electronic devices are only to be maintained and repaired by specialists, according to the national regulations, as improper repair can result in considerable danger to the user

Use only genuine spare parts.

With orders, please always note part- and prod.-nos.

Maintenance and repair are to be made at our service departments.

CE – Declaration of Conformity

We herewith declare in our own exclusive responsibility that this product corresponds to the following standards and specifications:

EN 50 099, EN, 292/1, VDE 0530, EN 55 014, EN 55 104, EN 61 000-3-2/-3-3 according to the requirements 73/23/EWG, 89/392/EWG and 89/336/EWG.

G. Metzger

metzger technik - Wacholderweg 18 - D-71665 Vaihingen – Horrheim

If the electric tool is modified without our authorization, this declaration will lose its validity and the guarantee expires.

Technical Data

Rated voltage 230 V

Frequency: 50 Hz

Input: 320 W

Nominal Current: 1,4 A

Fuse: 2,0 AT

End vacuum: -830 mbar (83 %)

Contactors: IP 44

Environmental temperature: 10°C – 40°C

Weight: 8,5 kg



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