



MOBILE VACUUM PUMP UNIT

For evacuation of air or nitrogen

B046R03

Mobile vacuum pump unit with ball valve

B046R13

Mobile vacuum pump unit with solenoid valve

The mobile vacuum pump unit is convincing by its easy handling. The unit serves for evacuation of air or nitrogen from switchgear. The 40 m³/h vacuum pump (standard version) enables a final vacuum of < 1 mbar. Thus it is guaranteed that no air/gas mixture can be generated and the excellent insulation properties of SF₆ are maintained. The 2-stage vacuum pump (available as option) even reaches a final vacuum of 0.0067 mbar.

The B046R13 version is equipped with a solenoid valve instead of a ball valve. Therefore, operating errors are avoided since the valve is closed automatically in case of function end or interruption of circuit.

Both versions are available in different performance classes (see optional equipment), so that all requirements can be easily met.



- Steerable and fixing rollers allow comfortable transportation
- Use of self-closing couplings DN20
- Different performances are available (see options)
- Adapters for other nominal widths are available
- Protection of the vacuum pump against overpressure by a solenoid valve (B046R13)
- Digital vacuum indication in mbar
- With practical storage tray for accessories

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Technical data for 40 m³/h vacuum pump, final vacuum < 1 mbar:

Dimensions: 35" L x 24" W x 41" H (890 x 610 x 1,050 mm)
Weight: 33 lbs. (115 kg)
Operating voltage: 208 - 240 V / 380 - 460 V / 50 - 60 Hz 3-phase current

Standard equipment:

Vacuum pump for air 40 m ³ /h [at 50 Hz]; 48 m ³ /h [at 60 Hz], final vacuum < 1 mbar
Digital vacuum indication in mbar
Ball valve DN20
DILLO coupling tongue part DN20
Electric control
Fixing and steerable rollers
Storage tray for accessories
Different wrenches
Paint: anthracite (RAL 7016)
Operating manual

Optional equipment (mounted) at an extra charge:

Additional price for electrical special voltage 208 - 240 V / 50 Hz 3-phase current (40 m ³ /h, < 1 mbar)	6-0005-R039
Vacuum pump 63 m ³ /h [at 50 Hz]; 76 m ³ /h [at 60 Hz], final vacuum < 1mbar, 3-phase current (208 - 240 V / 60 Hz, 380 - 460 V / 50 - 60 Hz)	6-0005-R050
Vacuum pump 63 m ³ /h [at 50 Hz]; 76 m ³ /h [at 60 Hz], final vacuum < 1mbar, 3-phase current (208 - 240 V / 50 Hz)	6-0005-R167
Vacuum pump 100 m ³ /h [at 50 Hz]; 120 m ³ /h [at 60 Hz], final vacuum < 1 mbar, 3-phase current (208 - 240 V / 60 Hz, 380 - 460 V / 50 - 60 Hz)	6-0005-R051
Vacuum pump 100 m ³ /h [at 50 Hz]; 120 m ³ /h [at 60 Hz], final vacuum < 1mbar, 3-phase current (208 - 240 V / 50 Hz)	6-0005-R168
Two-stage vacuum pump with exhaust filter, type RH0060, final vacuum 0.0067 mbar, nominal suction capacity (55 m ³ /h [at 60 Hz]; 65 m ³ /h [at 60 Hz]), 3-phase current (208 - 240 V / 50 - 60 Hz, 380 - 460 V / 50 - 60 Hz)	6-0005-R170
Two-stage vacuum pump with exhaust filter, type RH0090, final vacuum 0.0067 mbar, nominal suction capacity (80 m ³ /h [at 50 Hz]; 95 m ³ /h [at 60 Hz]), 3-phase current (208 - 240 V / 50 - 60 Hz, 380 - 460 V / 50 - 60 Hz)	6-0005-R171
Other operating voltages are available on request	

Optional accessories at an extra charge:

5 m long rubber hose DN20 with coupling tongue part DN20 on both ends	6-1017-R050
5 m long wire braided hose DN20 with coupling tongue part DN20 on both ends	6-1024-R050
5m long wire braided hose DN20 with protective sleeve and coupling tongue part DN20 on both ends	6-1069-R050
Hoses in different lengths	On request
SF ₆ gas refilling device	3-393-R006
Plastic cover	6-046KA-R001
Electrical connecting cable 5 x 2.5 AWG 13 (available lengths 5 - 30 m)	6-1053-R002
Additional operating manual	6-0004-R213

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Spare parts kits:

Annual maintenance package for standard vacuum pump (40 m ³)	6-1048-R112
Annual maintenance package for vacuum pump 6-0005-R050 (63m ³) / 6-0005-R051 (100 m ³)	6-1048-R113
Annual maintenance package for two-stage vacuum pump 6-0005-R170 RH60	6-1048-R116
Annual maintenance package for two-stage vacuum pump 6-0005-R171 RH90	6-1048-R117