

# Refrigeration & Air-Conditioning Technology

## Evacuation

### ROAIRVAC

#### Two-stage vacuum pump

For evacuation in accordance with **DIN 8975** with vacuum gauge and solenoid valve



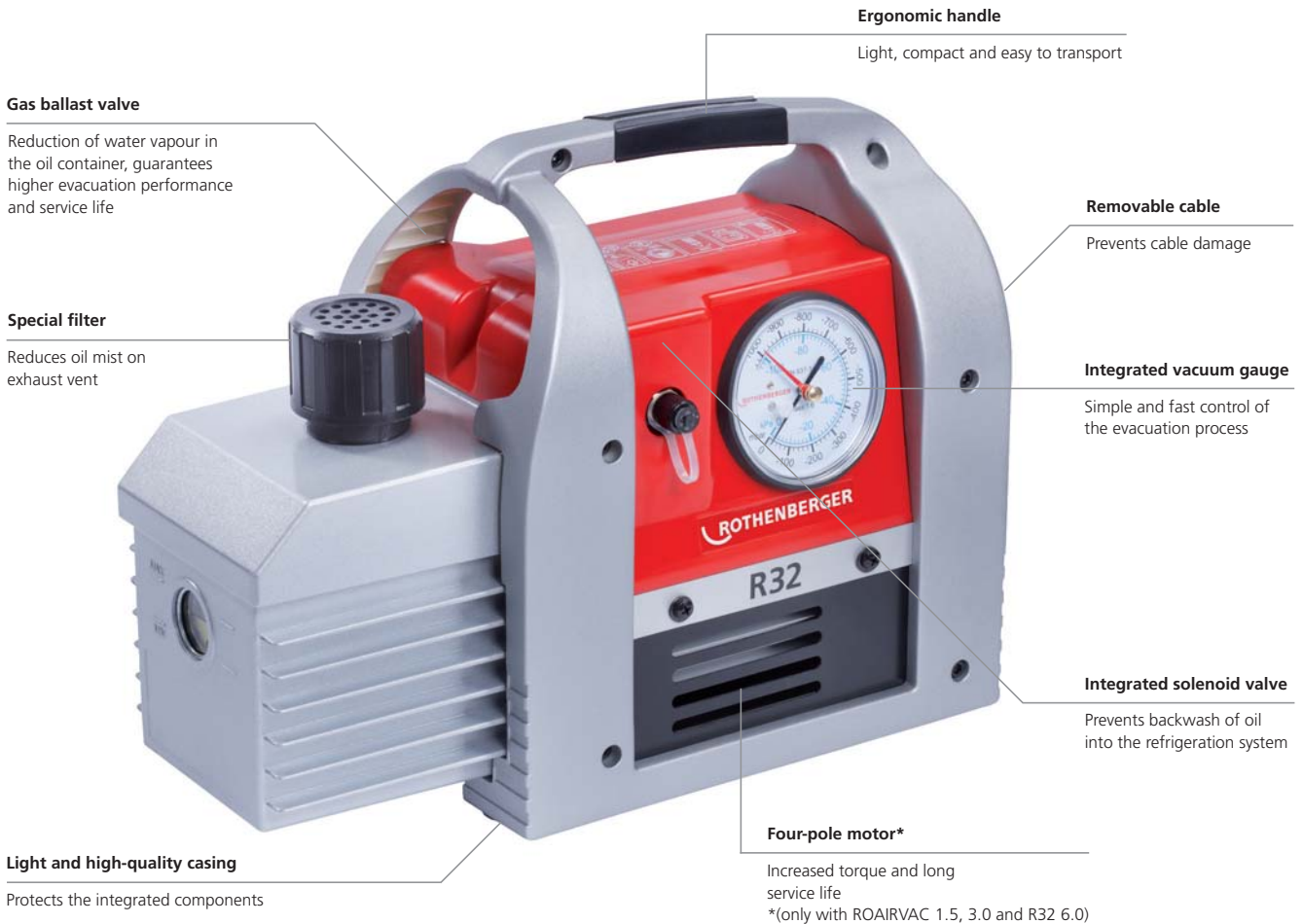
#### Product Profile

##### KEY FEATURES

- Solenoid check valve to protect the refrigeration system from oil contamination during power outage
- Vacuum gauge with integrated drag indicator enables simple and quick control of the evacuation process
- Protects the integrated components with the light and high quality casing
- Gas ballast valve for reduction of water vapour in the oil container
- Special filter reduces oil mist on exhaust vent

##### KEY FEATURES

- Gauge-glass enables easy oil-stand monitoring
- Fast filling of oil without spilling, no special funnel is necessary
- Easy access to the oil drain plug makes emptying quick
- Thermal switch protects the unit from the motor overheating
- Standard 1/4" SAE connection, as well as 5/16" SAE and 3/8" SAE adaptor included in delivery
- Removable cable prevents cable damage



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1/4" SAE standard connection with adaptors for 5/16" SAE and 3/8" SAE



Optimal positioned viewing glass and oil drains for simple draining of the oil



Practical: operating instructions always within view



### ROAIRVAC Serie

Two-stage rotary vane pump for evacuation  
in accordance with DIN 8975

Type	ROAIRVAC 1.5	ROAIRVAC 3.0	ROAIRVAC 6.0	ROAIRVAC R32 6.0	ROAIRVAC 9.0
No.	170061	170062	170063	100001231	170064
Pump rating	1.5 CFM / 42 l/min / 2,5 m³/h	3.0 CFM / 85 l/min / 5,1 m³/h	6.0 CFM / 170 l/min / 10,2 m³/h	6.0 CFM / 170 l/min / 10,2 m³/h	9.0 CFM / 255 l/min / 15,3 m³/h
Vacuum stages	2	2	2	2	2
Final Vacuum	15 micron / 0,02 mbar	15 micron / 0,02 mbar	15 micron / 0,02 mbar	15 micron / 0,02 mbar	25 micron / 0,034 mbar
Motor rating	190 W / 1720 r/m	250 W / 1720 r/m	375 W / 3440 r/m	550 W / 1720 r/m	750 W / 3440 r/m
Voltage	230 V	230 V	230 V	230 V	230 V
Frequency	50 Hz / 60 Hz	50 Hz / 60 Hz	50 Hz / 60 Hz	50 Hz / 60 Hz	50 Hz / 60 Hz
Connection	1/4"	1/4"	1/4"	1/4"	1/4"
with Adaptor	5/16" SAE M/3/8" SAE M	5/16" SAE M/3/8" SAE M	5/16" SAE M/3/8" SAE M	5/16" SAE M/3/8" SAE M	5/16" SAE M/3/8" SAE M
Oil capacity	250 ml	330 ml	330 ml	580 ml	590 ml
Weight	9,0 kg	10,7 kg	11,5 kg	17,3 kg	17,0 kg
Manifold Ø	50 mm	50 mm	50 mm	80 mm	80 mm
Unit	mbar / Mpa	mbar / Mpa	mbar / Mpa	mbar / Mpa	mbar



ROAIRVAC 1.5 (42 l/min)



ROAIRVAC 3.0 (85 l/min)



ROAIRVAC 6.0 (170 l/min)



ROAIRVAC R32 6.0 (170 l/min)

Future-proof product for the  
increased use of R32 refrigerants

Mineral oil is included in all  
pump deliveries



ROAIRVAC 9.0 (255 l/min)



Scope of delivery ROAIRVAC: Vacuum pump with 1/4", 5/16" SAE and 3/8" SAE connections, plastic bottle with mineral oil

Model	Performance	kg	No.
ROAIRVAC 1.5	42 l/min	9,0	170061
ROAIRVAC 3.0	85 l/min	10,7	170062
ROAIRVAC 6.0	170 l/min	11,5	170063
ROAIRVAC R32 6.0	170 l/min	17,3	100001231
ROAIRVAC 9.0	255 l/min	17,0	170064
Mineral Oil 1 Liter			169200

ROAIRVAC - vacuum pump in use with the digital manifold ROCOOL 600

