

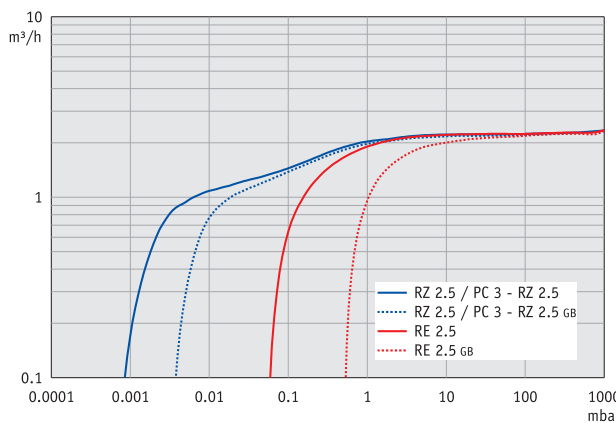
- ◆ high flow rates even at vacuum levels approaching ultimate vacuum
- ◆ high water vapor tolerance due to efficient gas ballast; very good ultimate vacuum even with gas ballast
- ◆ vacuum-tight at switch-off; external anti-suckback valve not needed
- ◆ large oil volume: Long intervals between oil changes
- ◆ ease of maintenance due to telescopic design



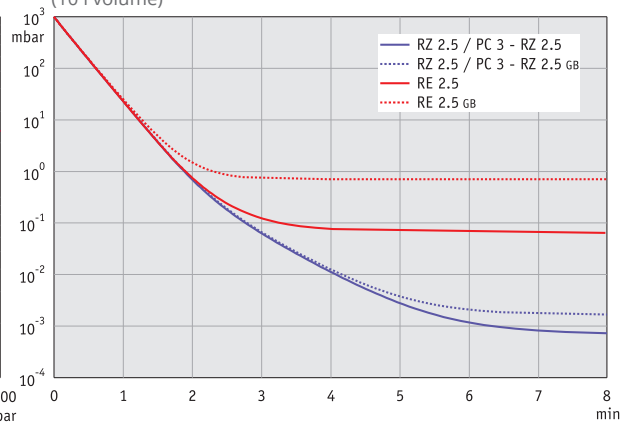
RE 2.5 - RZ 2.5 - PUMPING UNIT PC 3 WITH RZ 2.5

The one-stage RE 2.5 and two-stage RZ 2.5 are high-performance rotary vane pumps with extra compact design and low weight. They are the ideal solution for a wide range of laboratory and process applications that require low ultimate vacuum at medium gas flow rate. The rotary vane pumping unit PC 3 with cold trap (GKF 1000i) at the inlet helps the pump to handle larger volumes of condensable vapors. The pumping unit is compact, user-friendly, and well-arranged, with oil mist filter at the outlet, a valve, and a T-connection for a gauge. The RZ 2.5 is also available combined with the oil mist filter (FO) and the VS 16 valve as a package.

Pumping speed graph at 50 Hz with/without gas ballast



Pump down graph at 50 Hz with/without gas ballast (10 l volume)



Further information and diagrams for 60 Hz mains frequency at [www.vacuubrand.com](http://www.vacuubrand.com)  
 Pumping speeds and pump down times are only for information. Ultimate vacuum specification: See "Technical Data"

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 ROTARY VANE PUMPS AND CHEMISTRY-HYBRID PUMPS
 

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TECHNICAL DATA	RE 2.5	RZ 2.5
Number of stages	1	2
Max. pumping speed at 50/60 Hz	2.3 / 2.8 m <sup>3</sup> /h	2.3 / 2.8 m <sup>3</sup> /h
Ultimate partial vacuum (abs.)	3 x 10 <sup>-1</sup> mbar	4 x 10 <sup>-4</sup> mbar
Ultimate vacuum (abs.)	3 x 10 <sup>-1</sup> mbar	2 x 10 <sup>-3</sup> mbar
Ultim. vac. (abs.) with gas ballast	8 x 10 <sup>-1</sup> mbar	1 x 10 <sup>-2</sup> mbar
Water vapor tolerance with gas ballast	40 mbar	40 mbar
Oil capacity (B-Oil) min./max.	0.18 / 0.51 l	0.1 / 0.28 l
Inlet connection	Small flange KF DN 16	Small flange KF DN 16
Outlet connection	Hose nozzle DN 8-10 mm	Hose nozzle DN 8-10 mm
Rated motor power	0.18 kW	0.18 kW
Rated motor speed at 50/60 Hz	1500/1800	1500/1800
Degree of protection	IP 40	IP 40
Dimensions (L x W x H), approx.	316 x 125 x 190 mm	316 x 125 x 190 mm
Weight, approx.	10.2 kg	11.4 kg

ORDERING INFORMATION	RE 2.5
230 V ~ 50-60 Hz CEE	697150
230 V ~ 50-60 Hz CH, CN	697151
230 V ~ 50-60 Hz UK, IN	697152
100-115 V ~ 50-60 Hz / 120 V ~ 60 Hz	
200-230 V ~ 50-60 Hz* US	**697156

**RE 2.5, RZ 2.5 + PERFLUOROPOLYETHER OIL**

 on request
 

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ORDERING INFORMATION	RZ 2.5
230 V ~ 50-60 Hz CEE	698120
230 V ~ 50-60 Hz CH	698121
230 V ~ 50-60 Hz UK, IN	698122
230 V ~ 50-60 Hz CEE/CN	698127
100-115 V ~ 50-60 Hz / 120 V ~ 60 Hz	
200-230 V ~ 50-60 Hz* US	**698126

ORDERING INFORMATION	PC 3 / RZ 2.5
230 V ~ 50-60 Hz CEE	699890

ORDERING INFORMATION	RZ 2.5 +FO +VS 16
230 V ~ 50-60 Hz CEE	698029

**ACCESSORIES**

Stainless steel tubing KF DN 16 (1000 mm: 673336)  
 Separator inlet side AK R 2/2.5 (698000)  
 Oil mist filter FO R 2/2.5/5/6 (698003)  
 Package fine vacuum control KF DN 16 (683201)  
 Rubber vacuum tubing DN 8 mm (686001)  
 Small flange KF DN 16 with hose nozzle DN 8-10 mm (662806)

**ITEMS SUPPLIED**

Pump oil filled and completely mounted, ready for use, with manual.

\* With NRTL certification for Canada and the USA

\*\* Country specific power cable, please order separately if needed



**Wolflabs**

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**Use the above details to contact us if this literature doesn't answer all your questions.**

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

