

VACUUBRAND® XS SERIES VACUUM PUMPS

Quiet, compact, versatile

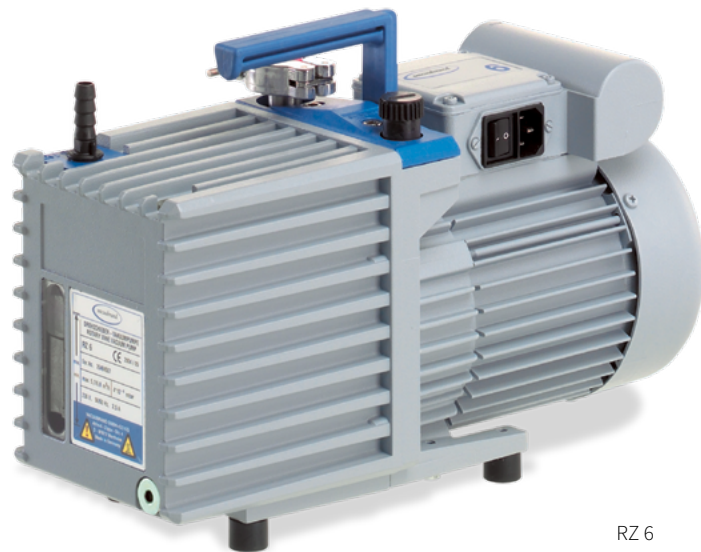
The VACUUBRAND® XS line of rotary vane vacuum pumps are designed from the ground up for use in laboratory applications. Features include nitrogen-plasma treated internal metal parts for corrosion resistance. Two-stage designs provide an ultimate vacuum of 2×10^{-3} millibar, in popular sizes for benchtop applications. They are an excellent choice for applications such as:

- **Schlenk lines**—RZ 2.5 or RZ 6
- **Lyophilizers/freeze-dryers**—ask your lyophilizer manufacturer for the correct pump size
- **Centrifugal concentration**—of high boiling point solvents, like DMSO or NMP (RZ 6 for popular benchtop models with chambers ~20" in diameter)

For most other applications, such as filtration, rotary evaporation and concentration of lower boiling point solvents, choose VACUUBRAND® chemistry-design diaphragm pumps and systems. Many choices are available, from stand-alone pumps to purpose-built systems optimized for your specific application, with service intervals well in excess of 15,000 operating hours.

Don't forget...

- **Inlet Catchpot "AK"**—Helps protect the pump from condensates and particles
- **Oil-mist filter "FO"**—Reduces oil mist by up to 99%
- **Pump Oil B**—Keeps your VACUUBRAND® pump running at peak performance... and always use an appropriate cold trap!



RZ 6

RZ 2.5 and RZ 6 pumps are supplied with a KF 16 small flange inlet and a 10 mm (3/8")/KF 16 polypropylene hose barb flange outlet.

And for the ultimate, the VACUUBRAND® RC 6 chemistry-HYBRID pump combines rotary vane and diaphragm technology to reduce oil changes by up to 90% compared with conventional rotary vane pumps. A Chemistry diaphragm pump keeps the oil pumping chamber under vacuum, drastically reducing internal condensation and continuously distilling the pump oil. The result is not just reduced oil changes, but enhanced pump lifetime.

Model	Ultimate Vacuum		Free Air Capacity at 60 Hz		Cat. No.*
	mbar	Torr	cfm	lpm	
Rotary Vane Vacuum Pumps					
RZ 2.5	2×10^{-3}	1.5×10^{-3}	1.6	47	20698126
RZ 6	2×10^{-3}	1.5×10^{-3}	4	113	20698136
Chemistry-HYBRID™ Vacuum Pumps					
RC 6	2×10^{-3}	1.5×10^{-3}	4.1	115	20698563

* All pumps 120 V, 60 Hz or 100-120 v/200-230, 50-60 Hz

Accessories for your VACUUBRAND® rotary vane pump and RC6

Inlet catchpot for RZ 2.5	20698000
Inlet catchpot for RZ 6 and RC 6	20698006
Oil mist filter for RZ 2.5 and RZ 6	20698003
Pump Oil B, 1 liter bottle	20687010
KF 16 to 10 mm (3/8") hose barb, fits RZ 2.5, RZ 6, and RC 6 inlet, aluminum	20662511

Other flanges, clamping rings and centering rings available.



RZ 2.5

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