

# R5 RA 1000/1600 B

Oil-lubricated rotary vane vacuum pumps



**VACUUM SOLUTIONS**

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## Reliable

Robust construction, highly resilient carbon fiber vanes, proven rotary vane technology, long service life

## High performance

High pumping speed at low pressures, designed for continuous operation

## Flexible

Various design options available, easy adaption to individual customer requirements and processes, level and temperature switch as standard

Accessories, spare parts and options

- IEC (IE3) and NEMA motors
- Multi-voltage, multi-frequency motors (IE3)
- Optional variable speed drive
- Single or double gas-ballast valve, manual or solenoid operation
- Various inlet filters
- Inlet filter pressure gauge
- Various temperature and pressure gauges
- Starter units
- Oil mist separator
- Energy recuperation kit with heat exchanger
- Vacuum pump oils for all applications

# R5 RA 1000/1600 B

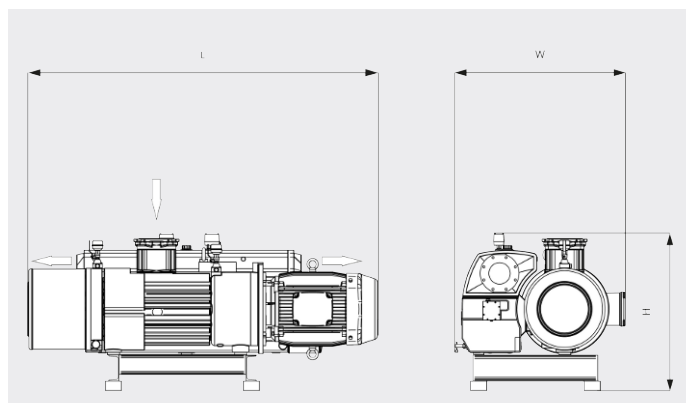
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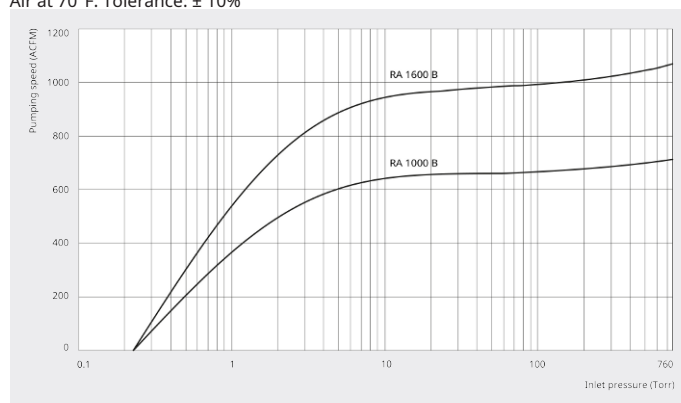
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Dimensional drawing



Pumping speed

Air at 70°F. Tolerance:  $\pm 10\%$



|                                             | R5 RA 1000 B                | R5 RA 1600 B                |
|---------------------------------------------|-----------------------------|-----------------------------|
| Nominal pumping speed                       | 710 ACFM                    | 1060 ACFM                   |
| Ultimate pressure                           | 0.225 Torr                  | 0.225 Torr                  |
| Nominal motor rating                        | 40 hp                       | 50 hp                       |
| Nominal motor speed                         | 1200 rpm                    | 1200 rpm                    |
| Power consumption at 75 Torr                | 30 hp                       | 44.2 hp                     |
| Power consumption at ultimate pressure      | 16.2 hp                     | 24.0 hp                     |
| Sound pressure level (ISO 2151), KpA = 3 dB | 82 dB(A)                    | 83 dB(A)                    |
| Oil capacity                                | 32.0 qts.                   | 32.0 qts.                   |
| Weight approx.                              | 2151 Lbs.                   | 2833 Lbs.                   |
| Dimensions (L x W x H)                      | 75.3 x 45.3 x 36.8 inches   | 87.8 x 45.3 x 36.8 inches   |
| Gas inlet / outlet                          | 6" / 4" ANSI / 6" / 4" ANSI | 6" / 4" ANSI / 6" / 4" ANSI |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

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