

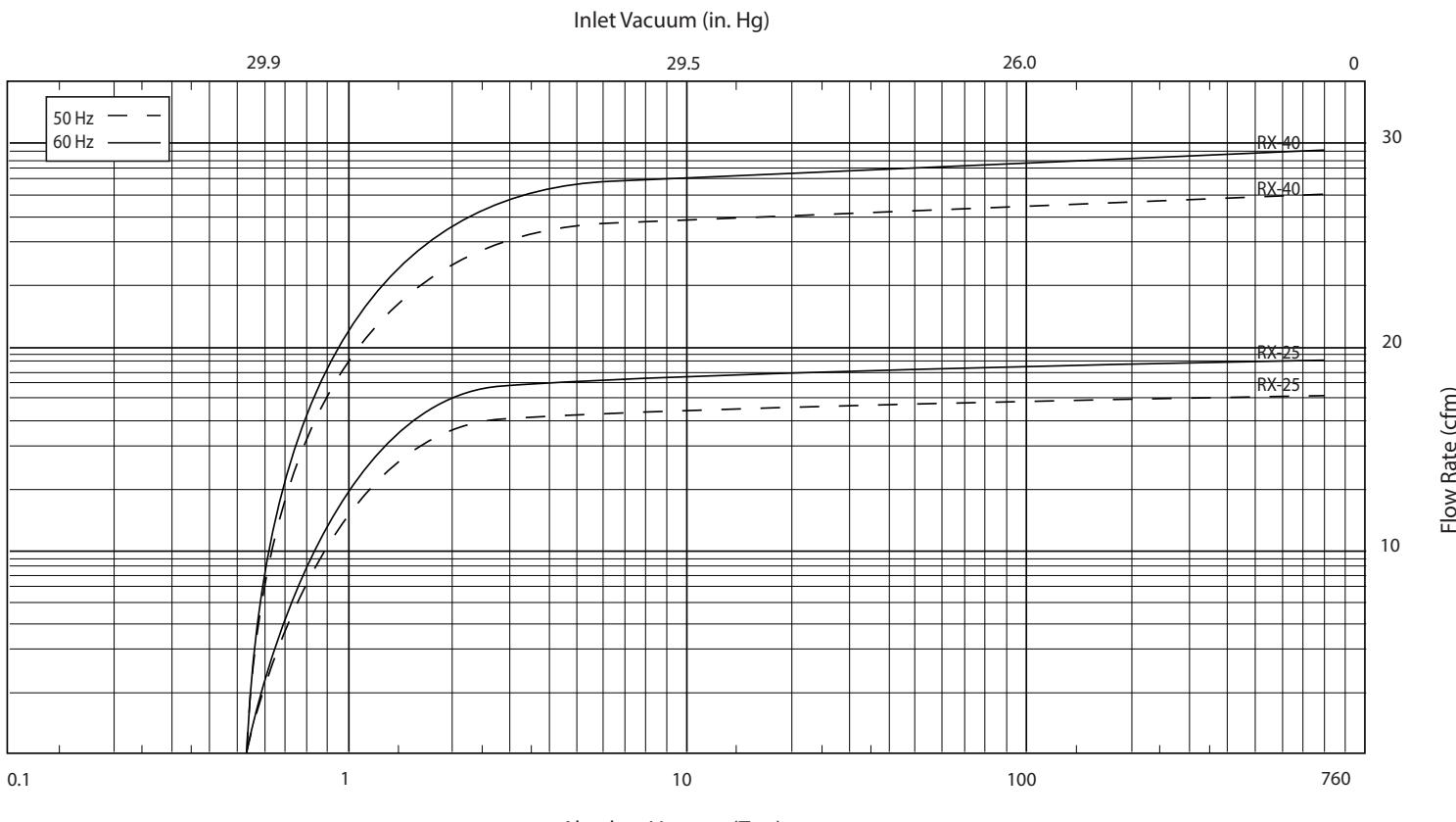
Republic offers the RX series of oil lubricated rotary vane vacuum pumps. They are single stage, air-cooled, and direct driven for continuous operation. The design is one of the most reliable and simplest vacuum pumps available. These rugged pumps are simple to install and easy to service and maintain. They are available with or without motor to meet your application needs. These vacuum pumps have a displacement range from 6 to 490 CFM (10 to 833 m³/hr) and maximum vacuum of 0.5 torr.



The RX series is used in a variety of industries such as meat packaging, food processing, thermoforming, composites, medical, laboratory, vacuum cooling, robotics, degassing, and autoclaves.

PERFORMANCE

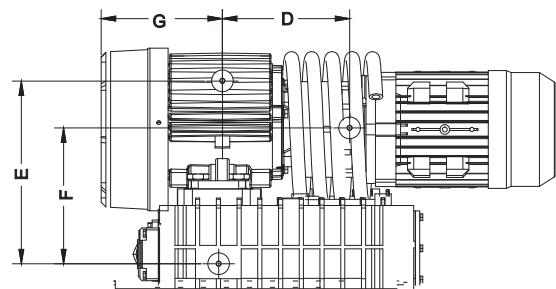
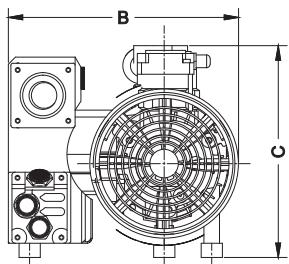
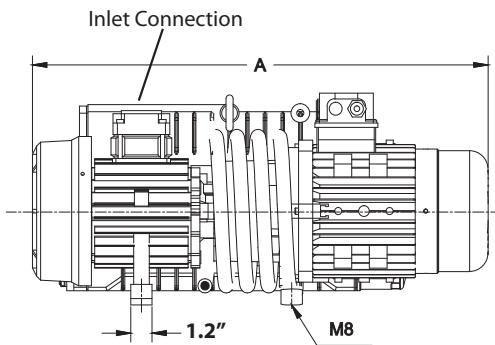
| Model | Displacement (CFM/m ³ /hr) | | Ultimate Vacuum Max (In. Hg./Torr/mbar) | Noise Level (dB) | | Weight (lb/kg) | Motor Output | | Voltage 3 Phase (V) | | Speed (rpm) | |
|-----------|---------------------------------------|-------|---|------------------|-------|----------------|--------------|--------|---------------------|---------|-------------|-------|
| | 50 Hz | 60 Hz | | 50 Hz | 60 Hz | | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz |
| 25 | 15/25 | 18/30 | 29.9/0.5/0.67 | 67 | 70 | 80/36 | 0.9 kw | 1.5 hp | 220/380 | 230/460 | 1500 | 1800 |
| 40 | 24/40 | 29/48 | 29.9/0.5/0.67 | 67 | 70 | 102/46 | 1.5 kw | 2.0 hp | 220/380 | 230/460 | 1500 | 1800 |



All measurements are $\pm 10\%$

Absolute Vacuum (Torr)

APPROXIMATE DIMENSIONS



| Model | Unit | a | b | c | d | e | f | g | Fill Oil | Inlet Port |
|-------|------|------|------|------|-------|-----|-------|-----|----------|------------|
| 25 | in | 23.2 | 11.1 | 10.4 | 7.5 | 9.1 | 7.3 | 5.2 | 1 QT | 1 1/4" NPT |
| | mm | 590 | 282 | 263 | 190 | 230 | 185 | 132 | 1 L | |
| 40 | in | 25.5 | 12.1 | 10.6 | 8.3 | 9.1 | 7.5 | 6.3 | 2 QT | 1 1/4" NPT |
| | mm | 648 | 308 | 269 | 211.5 | 230 | 190.5 | 161 | 2 L | |

Optional Accessories

- Inlet filter
- Inlet check valve
- Vacuum gauge
- Motor starter
- Control panel
- PLC