

# ZEROVAC ZVK 230/120 / 160 / 220

Two-Stage Liquid Ring Vacuum Pumps



ZVK 230/120 • ZVK 230/160 • ZVK 230/220

## ■ ROBUST

- Two-stage heavy-duty cast-iron construction
- No metallic contact between rotating parts
- Designed for continuous operation

## ■ EFFICIENT

- 33 mbar ultimate pressure
- 280-400 m<sup>3</sup>/h capacity range
- Near-isothermal compression

## ■ VERSATILE

- Suitable for dry, humid and vapor-laden gases
- Tolerates small amounts of entrained liquid
- Multiple service-liquid and material options

## Accessories

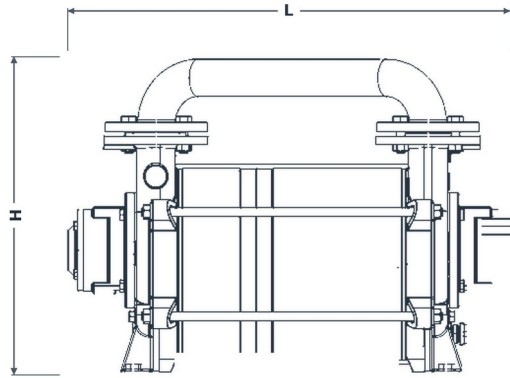
- Closed-loop and semi-open-loop systems
- Separator tank
- Cavitation protection
- Heat exchanger
- Gas ejector
- Wide range of motor options
- Check valves
- Vacuum relief valves
- Operation with different service liquids

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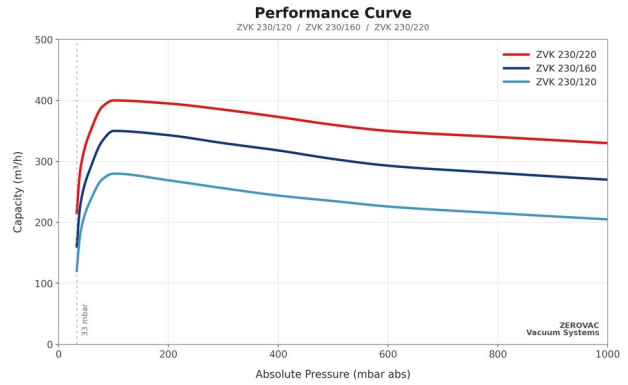
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## Installation / Dimensional Drawing



## Performance Curve



## Technical Data

50 Hz

| Technical Specification           | ZEROVAC ZVK 230/120 | ZEROVAC ZVK 230/160 | ZEROVAC ZVK 230/220 |
|-----------------------------------|---------------------|---------------------|---------------------|
| Nominal Capacity (m³/h)           | 280                 | 350                 | 400                 |
| Ultimate Absolute Pressure (mbar) | 33                  | 33                  | 33                  |
| Vacuum Pressure (mmHg)            | -735                | -735                | -735                |
| Motor Power (kW)                  | 11                  | 11                  | 15                  |
| Motor Speed (rpm)                 | 1450                | 1450                | 1450                |
| Inlet / Outlet Flange             | DN 50               | DN 50               | DN 50               |
| Service Water Connection          | G3/4"               | G3/4"               | G3/4"               |
| Cavitation Valve                  | G1/2"               | G1/2"               | G1/2"               |
| Noise Level (at 80 mbar) dB(A)    | 66 ±3               | 66 ±3               | 66 ±3               |
| Dimensions L×W×H (mm)             | 675×400×520         | 735×400×520         | 780×400×520         |
| Pump Weight (kg)                  | 138                 | 152                 | 170                 |

## FOR MORE INFORMATION

Contact our sales team for technical support, product selection, or a tailored quotation.

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