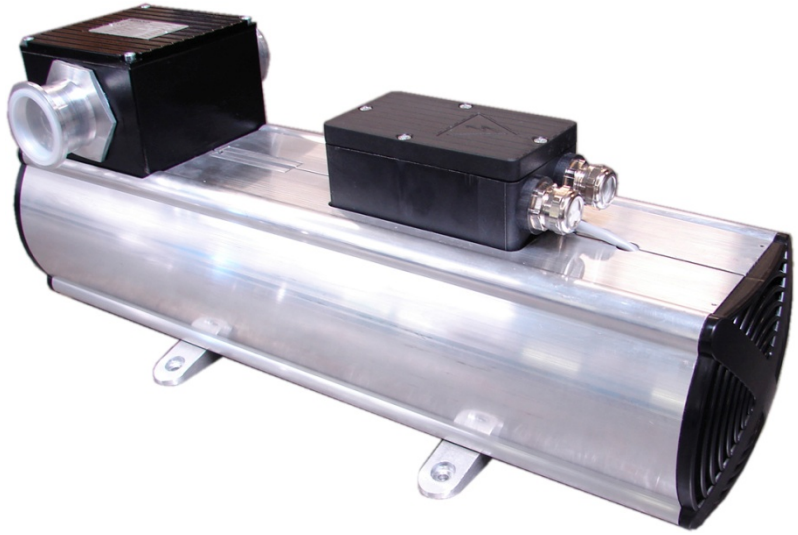
VASF 1.80/1-3110
VASF 1.120/1-3110

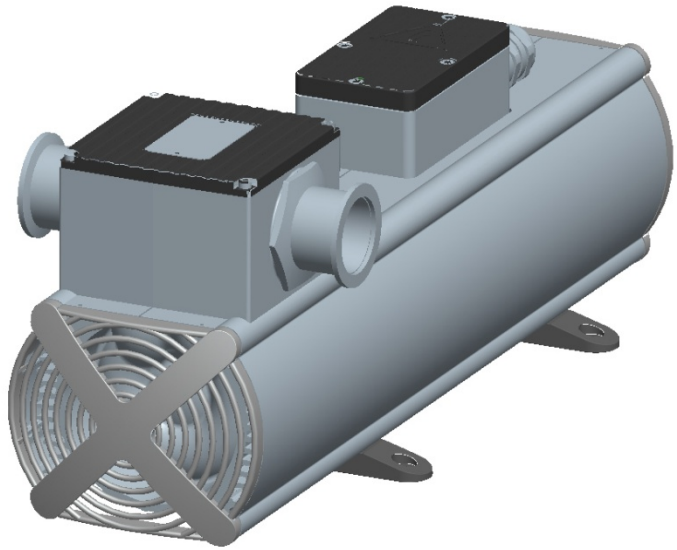
Side Channel Blower
for
Inert Gas Circulation



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VASF 1.XX/1-3110 Features

- **Developed for circulation of inert gas**
- **Variable speed direct drive with integrated frequency converter (no oil-lubricated gear)**
- **Grease lubricated bearings**
- **Compact in-line design for easy integration**
- **Contact free operation, thus no wear and no contamination on the gas-side**
- **Special KF-flanges for easy and tight process connection**
- **Single-stage version**



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VASF 1.80/1-3110 Main Technical Data

- **Volume flows up to 77 m^3/h / 1,280 l/min**
- **Pressure ratio up to 1.265**
- **Gas-tight with leakage rate $<10^{-5}$ mbar l / s measured with a helium leak detector, integral for the complete unit**
- **Motor rated power 1.0 kW**
- **Voltage 100 – 240 Volt / 50 – 60 Hz**
- **Max. speed 18,000 rpm**
- **Weight 12 kg**

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VASF 1.120/1-3110 Main Technical Data

- **Volume flows up to 130 m³/h / 2,170 l/min**
- **Pressure ratio up to 1.275**
- **Gas-tight with leakage rate <10^{-5} mbar l / s measured with a helium leak detector, integral for the complete unit**
- **Motor rated power 1.65 kW**
- **Voltage 100 – 240 Volt [1] / 50 – 60 Hz**
- **Max. speed 12,000 rpm**
- **Weight 21.5 kg**

[1] Two versions:
100 – 240 Volt: limited performance range
200 – 240 Volt: full performance range

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