

SVF-100

Miniature Dry Floating Scroll Vacuum Pump

- Patent protected Floating Scroll Technology
- 100% oil free
- Maintenance free
- Compact size ideal for portable equipment

Applications

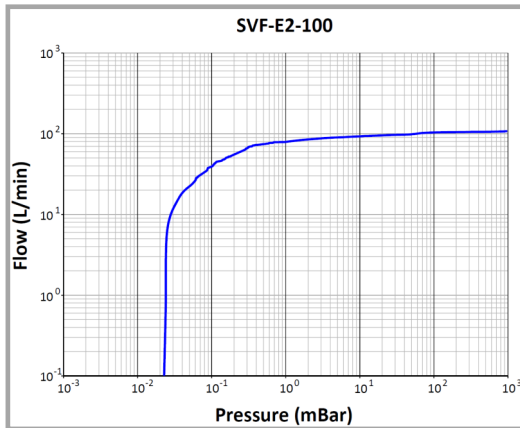
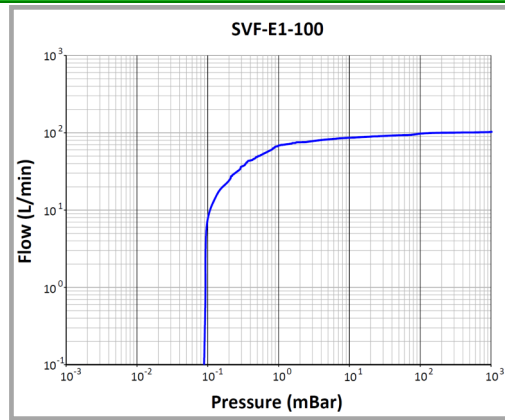
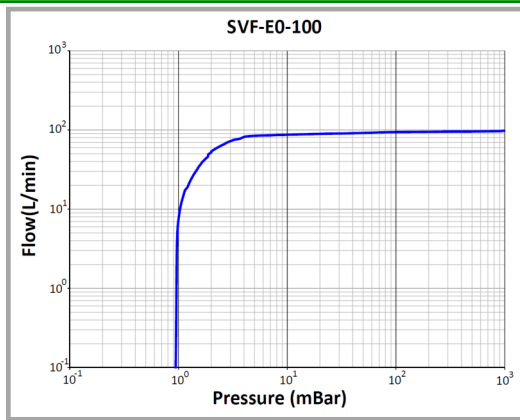
Analytical instrumentation , laboratories , backing pump for turbo pumps , practically in all areas in which clean vacuum is needed.



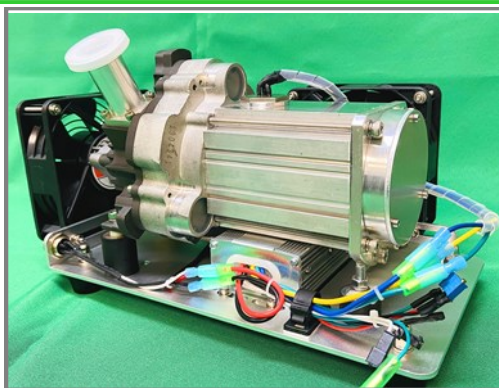
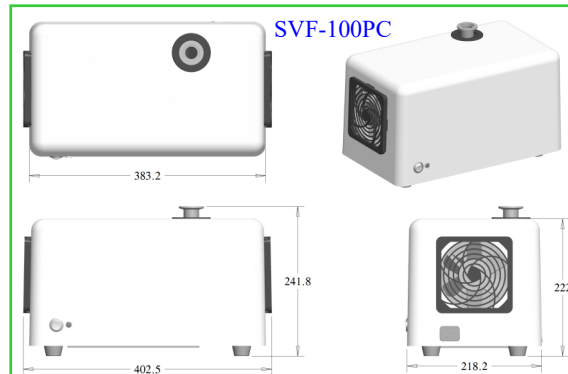
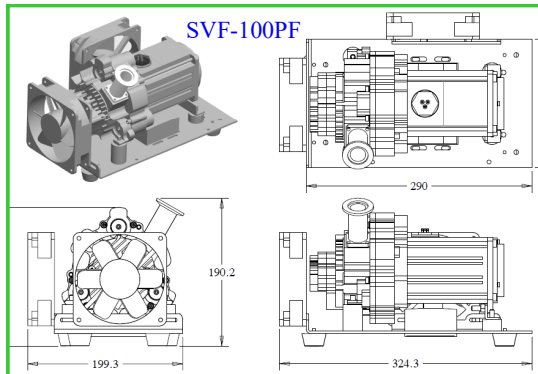
Technical Data

Model	SVF-E0-100	SVF-E1-100	SVF-E2-100
Pump Speed	100 L/min	100 L/min	100 L/min
Ultimate Pressure	≤ 1 mbar (100 Pa)	≤ 0.1 mbar (10 Pa)	≤ 0.03 mbar (3Pa)
Motor Power	200 W	200 W	200 W
Motor Type	Brushless DC Motor	Brushless DC Motor	Brushless DC Motor
DC Voltage to Motor Drive	48 VDC	48 VDC	48 VDC
AC Voltage Input to Power Supply (with Case only)	115VAC (90~132VAC) 230VAC (180~230VAC)	115VAC (90~132VAC) 230VAC (180~230VAC)	115VAC (90~132VAC) 230VAC (180~230VAC)
Frequency of AC Power (with Case only)	47~63Hz	47~63Hz	47~63Hz
Maximum RPM	3500	3500	3500
Vapor Tolerance	Unlimited	Unlimited	Unlimited
Startup Pressure Limit	No	No	No
Maximum Outlet Pressure	1 barg	1 barg	1 barg
Noise Level (with Frame)	60 dB(A)	60 dB(A)	60 dB(A)
Noise Level (with Case)	55 dB(A)	55 dB(A)	55 dB(A)
Weight (with Frame)	7.5 kg	7.5 kg	7.5 kg
Weight (with Case)	8.5 kg	8.5 kg	8.5 kg
Dimensions (with Frame)	324×225×175mm	324×225×175mm	324×225×175mm
Dimensions (with Case)	383×218×222mm	383×218×222mm	383×218×222mm
Inlet / Outlet Interface	KF-25 / G 3/8"	KF-25 / G 3/8"	KF-25 / G 3/8"
Cooling System	Air Cooled	Air Cooled	Air Cooled
Ambient Temperature	-40°C to 50°C	-40°C to 50°C	-40°C to 50°C

Pumping Curve



Dimensions (mm)& Product Image



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Floating Scroll Technology

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