

SVF-500C

Oil-free Floating Scroll Vacuum Pump

- ❑ Patent-protected Floating Scroll Technology
- ❑ 100% Oil-Free, Maintenance Free
- ❑ Handling water or water vapor without ballast valves
- ❑ Minimum Pumping Speed, 500 L/min (30m³/h)
- ❑ Ultimate Vacuum Pressure ≤ 3 Pa
- ❑ Compact Size, Light Weight, Low Vibration, and no maintenance
- ❑ Applications: Photovoltaic Diffusion, Oxidation Annealing Process, PVCD, Food, Pharmaceutical applications, and Vacuum Sintering



Technical Specifications

Item	Unit	SVF-E0-500C	SVF-E1-500C	SVF-E2-500C
Pumping Speed	L/min	≥ 500	≥ 500	≥ 500
Ultimate Vacuum Pressure	Pa	≤ 100	≤ 10	≤ 3
Noise	dB(A)	≤ 68	≤ 68	≤ 68
Rated Motor Power	W	≤ 750	≤ 750	≤ 750
Rated Motor Speed	RPM	4000	4000	4000
Motor Type		Sensorless BLDC Motor	Sensorless BLDC Motor	Sensorless BLDC Motor
Input Voltage to Motor Drive	VDC	48	48	48
Input Voltage to Power Supply	VAC	100 ~ 240 50/60Hz	100 ~ 240 50/60Hz	100 ~ 240 50/60Hz
Weight	kg	≤ 30	≤ 30	≤ 30
Dimensions (L×W×H)	mm	430×320×334	430×320×334	430×320×334
Inlet Fitting		KF40	KF40	KF40
Outlet Fitting		KF40	KF40	KF40
Ambient temperature	°C	-40 ~ 60	-40 ~ 60	-40 ~ 60
Cooling		Air Cooled	Air Cooled	Air Cooled



Website: www.scrolllabs.com

Phone: +1 (630) 783-2608

Fax: +1 (630) 783-2609

Email: infousa@scrolllabs.com

Address: 479 Quadrangle Drive, Suite G, Bolingbrook, IL 60440, USA