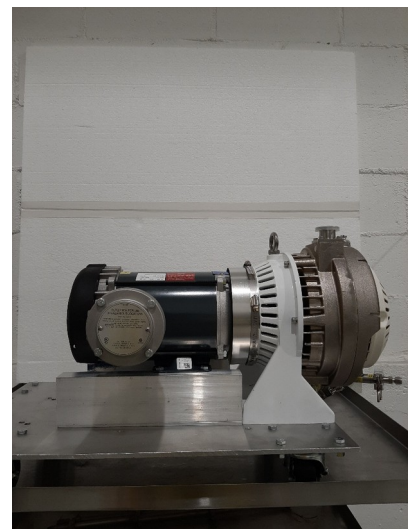



Vacuum Pumps America Inc.

Explosion Proof Dry Scroll Vacuum Pumps



Features:

- Our explosion proof dry scroll vacuum pumps are suitable for any application that needs dry running vacuum pump in hazardous area.
- Supreme quality product by using high quality materials and excellent design. Chemically protected against corrosion by using Aluminum alloys.
- Excellent ultimate vacuum and pumping speed in its class.
- Low noise and low vibration.
- Integrated gas ballast permits pumping of condensable vapors.
- Optional Nitrogen purge gas valve available upon request depending on application.
- Different capacities available at 18m³/h, 36m³/h, 70m³/h.
- Universal Single-phase variant can work with 110V or 230V, 50/60Hz for constant performance.
- World-wide Three-phase electronic-free motors available for radiation and high magnetic field applications at 200V, 230V, 380V, 415V, 460V and 575volt, 50/60hz.
- VPA-SCH/Ex Dry Scroll Vacuum Pumps available with Explosion Proof or ATEX  approved motros at different voltages available for using in Hazardous Area.
- Compact and lightweight design permits simple integration into your new or existing vacuum system.
- Our easy maintenance design makes field maintenance easy for our customers.

For more information and pricing, E-mail us: sales@vpamerica.com or Call us @ 1-416-407-0350

Technical Specifications:

Model			VPA-SCH4/Ex	VPA-SCH8/Ex	VPA-SCH18/EX	VPA-SCH36/Ex	VPA-SCH70/Ex	
Displacement	50Hz	m ³ /h	3.6	7.2	15.5	31.3	59.8	
		cfm	2.2	4.3	9.3	18.7	35.8	
	60Hz	m ³ /h	4.3	8.6	18.3	37.4	71.6	
		cfm	2.5	5.1	10.9	22.3	42.8	
Ultimate Pressure with Gas Ballast Closed		mbar	$\leq 8.0 \times 10^{-2}$	$\leq 6.0 \times 10^{-2}$	$\leq 2.6 \times 10^{-2}$	$\leq 1.0 \times 10^{-2}$	$\leq 1.0 \times 10^{-2}$	
		Torr	$\leq 6.0 \times 10^{-2}$	$\leq 4.0 \times 10^{-2}$	$\leq 1.9 \times 10^{-2}$	$\leq 7.5 \times 10^{-3}$	$\leq 7.5 \times 10^{-3}$	
		psi	$\leq 1.2 \times 10^{-3}$	$\leq 9.0 \times 10^{-4}$	$\leq 3.8 \times 10^{-4}$	$\leq 1.4 \times 10^{-4}$	$\leq 1.4 \times 10^{-4}$	
Noise Level		dB(A)	≤ 52	≤ 57	≤ 60	≤ 61	≤ 63	
Leakage		mbar·l/s	1×10^{-7}					
Max. Inlet/Exhaust Pressure		MPa	0.1 / 0.13					
Ambient Operation Temp.		°C / °F	5°C to 40°C / 41°F to 104°F					
Cooling Type		Air cooled						
Inlet/Exhaust Flange			KF25/16	KF25/16	KF25/16	KF40/16	KF40/16×2	
Motor 1 phase	Motor Power	kW	0.25	0.4	0.55	0.75	--	
	Voltage	VAC	50 ~ 60Hz/110 ~ 115 or 200 ~ 230					--
	Speed	rpm	50Hz /1425; 60Hz /1725					--
	Connector		North America, Europe, UK/Ireland					
Motor 3 phase	Motor Power	kW	--	0.4	0.55	0.75	1.5	
	Voltage	VAC	--	50 Hz/200 ~ 230 or 380 ~ 415 : 60 Hz 200 ~ 230 or 460				
	Speed	rpm	--	50Hz /1425; 60Hz /1725				
Dimensions	1 phase	mm	405×225×260	430×250×280	490×290×340	520×316×360	--	
	3 phase	mm	--	430×250×280	495×290×340	505×316×360	580×360×400	
Net Weight	1 phase	kg	15	18	27	31	--	
	3 phase	kg	--	20	31	38	52	
Gas Ballast		Available for all models						

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