

QSV 205-530 7.5-20hp

Set to meet your specific vacuum demands and tackle your daily challenges, we offer you the variable speed QSV vacuum. Immediately ready to supply high quality vacuum, this powerful solution provides you with the exceptional reliability and efficiency needed for your rough vacuum applications.



1 Air Logic 3 Controller with 7" HMI Touchscreen

2 Innovative Oil-Injected Screw Airend

3 Cyclonic Oil Separation <3ppm Oil Carryover

4 Sound Insulating Canopy

5 Modulating Inlet Check Valve

6 Variable Speed Drive with Energy-Saving Setpoint Control Technology

7 Premium Efficiency IE3 motor

8 Service-Friendly Oil Separator Design

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The QSV Is Best For:

- ✓ Plastic Thermoforming
- ✓ Glass Molding
- ✓ Holding, Lifting, Moving
- ✓ Printing, Envelopes, Other Paper Processes
- ✓ Food Packaging/Preservation
- ✓ General Packaging and Canning
- ✓ Lab, Pharmaceutical, and Medical Vacuum
- ✓ Those looking for a premium variable speed rotary screw vacuum option
- ✓ Customers with energy efficiency in mind
- ✓ Facilities requiring low oil carryover vacuum pumps
- ✓ Rough vacuum applications operating at 18-29.9"HgV

Air Logic 3 Controller with 7" HMI Touchscreen

- Configurable Home Screen Interface
- 4 Modes Pre-Set at Factory
 - Medium PI Control
 - Slow PI Control
 - Forced to Max Speed
 - Fixed Speed Control
- Customize Your Own Pump Modes!



- Plot Any Parameter!
- View Trends of Pump Metrics Over a Customizable Time Period Including Inlet Pressure, Motor Speed, Power Consumption, Oil Temperature, and more.
- Plot Multiple Metrics at Once
- Many Fieldbus Protocols Available Without Gateway!



QSV 205-530 TECHNICAL DATA

Model No.	Vacuum Pressure		Maximum Displacement		Installed Motor		Max Noise Level	Weight		Inlet Size	Outlet Size
	Minimum	Maximum						Standard			
	HgV	HgV	m³/h	cfm	kW	HP	dB(A)	kg	lb	NPT	NPT
QSV-205	18	29.9	483	284	5.6	7.5	65	500	1102	3"	2.5"
QSV-345	18	29.9	607	357	7.5	10	68	500	1102	3"	2.5"
QSV-430	18	29.9	783	461	11.2	15	73	510	1124	3"	2.5"
QSV-530	18	29.9	877	516	14.9	20	76	520	1146	3"	2.5"

Model No.	Standard		
	A	B	C
	Length (mm/in)	Width (mm/in)	Height (mm/in)
QSV-205	1270/50	940/37	1092/43
QSV-345	1270/50	940/37	1092/43
QSV-430	1270/50	940/37	1092/43
QSV-530	1270/50	940/37	1092/43

WARRANTY INFORMATION

ROYAL BLUE

10 Year Factory Warranty



Vacuum Pump Package - One year from date of start-up or 18 months from date of shipment from the factory, whichever occurs first.

Airend - Ten years from date of startup.

Air and Fluid Heat Exchangers - 5 years from date of start-up.

Drive Motors - Five years from date of start-up.

Drive Coupling Elements - Five years from date of start-up.

Variable Speed Drives - Five years from date of start-up.

Oil Separator Tanks - Five years from date of start-up.