

# QSV E Series 30-50hp

Set to meet your specific vacuum demands and tackle your daily challenges, we offer you the QSV E Series vacuum pump. This powerful solution provides you with the exceptional reliability and efficiency needed for your rough vacuum applications including tough CNC holding applications.



1 Air Logic 3 Controller with 7" HMI Touchscreen

2 Innovative Oil-Injected Screw Airend with Compression Optimization Valves

3 Sound Insulating Canopy

4 High Efficiency IE5 Permanent Magnet Motor

5 Inlet Check Valve

6 Universal Inlet/Outlet Flanges

7 Cyclonic Oil Separation <1.5ppm Oil Carryover

8 QFD Premium Variable Speed Drive

## QSV E Series 30-50HP

### The QSV E Is Best For:

- ✓ Designed Specifically for Tough CNC Holding Applications
- ✓ Plastic Thermoforming
- ✓ Glass Molding
- ✓ Holding, Lifting, Moving
- ✓ Printing, Envelopes, Other Paper Applications
- ✓ 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 (<1.5ppm)

## 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 750E-1100E TECHNICAL DATA

Model No.	Maximum Vacuum Pressure	Maximum Displacement		Installed Motor		Max Noise Level	Weight		Inlet Size	Outlet Size
	HgV	m <sup>3</sup> /h	acfm	kW	HP	dB(A)	kg	lb	Universal	Universal
QSV-750E	29.9	1383	814	22.4	30	74	1216	2679	DN150	DN125
QSV-930E	29.9	1581	931	30	40	77	1226	2701	DN150	DN125
QSV-1100E	29.9	1771	1042	37.3	50	78	1236	2723	DN150	DN125

Model No.	Standard		
	Length (mm/in)	Width (mm/in)	Height (mm/in)
QSV-750E	1461/57.5	1359/53.5	1662/65.4
QSV-930E	1461/57.5	1359/53.5	1662/65.4
QSV-1100E	1461/57.5	1359/53.5	1662/65.4

### 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.