

QSV Series

Rotary Screw Vacuum Pumps
7.5 - 125 hp



Designed To Solve Your Production Problems



“We dedicate our efforts to promoting customers’ success and taking pride in growing customer operations through reliable equipment, audits, and advice.”

- Weston Benton
Business Line Manager, Vacuum

Here’s How

Maximum Productivity



✓ Eliminate Downtime

- The QSV comes equipped with compressor-grade bearings located outside of the pumping chamber to ensure dependability, cutting chance mechanical failures to a minimum.
- With a pump life significantly longer than that of screw compressors and vane pumps, the QSV is engineered for consistent durability.

✓ Royal Blue Reliability

- Ever since 2005, we’ve proudly provided the longest pump warranty around, 10 years. You and your operation can rest easy under a decade of “Royal Blue” protection.

✓ Quincy-Safe Working Environment

- Crafted with the well-being of employees in mind, the low-operating noise level and minimal oil discharge from the QSV combine to create a more pleasant work experience for everyone involved. This helps minimize the occurrence of shop floor accidents.
- Spot potential problems before they arise with ICONS remote monitoring.

✓ Reduce Energy

- We strive to optimize the efficiency of your system. Our pump’s state of the art screw design and standard inverter-duty motor help achieve just that.
- VSD & Set-Point Control technology ensure the pump achieves higher flowrates per horsepower than any industry standard, while using less energy.

✓ Convenient Service

- Quincy machines are designed for faster service with reduced costs.
- Hinged doors, and detachable panels provide quick access to consumables that are purposely located together for minimal service times.
- An easy-to-reach valve allows oil sampling during operation. Under normal conditions, the oil is replaced only every 8,000 hours.

✓ Zero Hassle Installation

- QSV pump packages are supplied standard with full electrical, inlet filtration, base frame, and controls.
- Plug & Play design: connect to system, plug it in, and go.
- Vertical draft cooling eliminates the need for complicated ducting.
- Forklift holes allow for quick install times to get your pump up and running now.
- Self-sustained base frame integrated into single package avoids messy installs.

Lowest Total Cost of Ownership



Flexibility In Mind



✓ Get It When You Need It

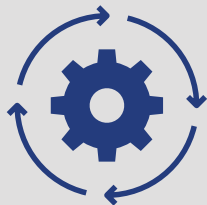
- We stock most QSV sizes right here in the USA. This allows us to get you the pump you need right when you need it.

✓ Purchase Without Burdening Your Business

- We provide a variety of purchase options that include leasing and financing.
- Quincy’s adaptable purchasing process is designed to take the pressure off you and your business.

✓ Maintain Your System Your Way

- Quincy can support your maintenance goals, from supplying parts to becoming completely accountable for your system availability levels.



Minimize the Risk

Quincy helps you expect the unexpected. Engineered for safety and reliability, we strive to eliminate the occurrence of surprise breakdowns capable of crippling your operation. Working with the most dependable pump on the market ensures maximum uptime for your process.



Reduce Costs

With your operation’s productivity of utmost importance, we look to provide the most cost-effective solutions for your business. An inefficient process can hurt the pocketbook. Quincy aims to save you money across the board. In terms of energy and service costs, we allow you to pinch every penny.



Simplify Your Process

No need to muddle the buying process. We take it upon ourselves to find the simplest solution for your needs. Understanding that your operation is already complicated, Quincy’s flexibility makes purchasing, operating, and maintaining your new pump an effortless endeavor.

Our Customers Say It All

We don't need to talk about why we're the smarter choice or how great our systems are. Our awesome customers do that for us. If you ask, they'll probably tell you that Quincy builds the most reliable vacuums on the market. Or, they might say that Quincy systems experience less downtime and require less maintenance.



“Our new Quincy vacuum pump is outstanding. It's great that such a strong company with strong products continues to massively improve their machine lines.”

- Paul Goelzer Jr.
Goelzer Industries



“We couldn't be happier with the reliability and the low volume of noise of this vacuum pump!”

- Jeff Fretwell
Broadridge

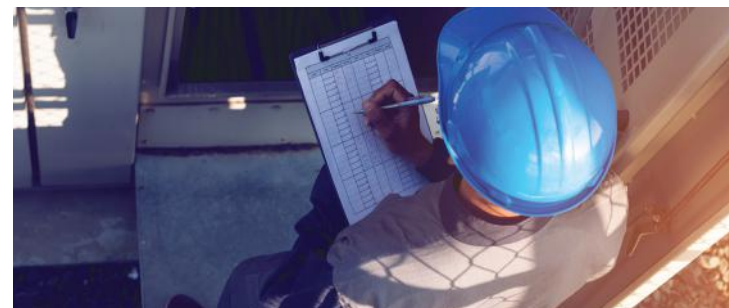


“We ended up buying 2 Quincy QSV 750s. They are literally the best pieces of equipment we have ever seen.”

- Dennis Wallace
Sun Sentinel

Want a warranty that's actually worth something?

The Industry Leading **Actual 10-Year** Airend Warranty



A gimmick-free, customer-focused warranty.

Everyone says they have the best machine, but very few manufacturers can back it up. Quincy backs the QSV with an industry leading actual 10-year warranty! This is the vacuum industry's only 10 year warranty. Don't purchase an empty promise when you can get 10 years of airend coverage guaranteed. This industry leading warranty is FREE and it's standard on the QSV.

QSV

Premium Variable Speed Rotary Screw Vacuum Pump



205 - 530

- ✓ Vacuum controlled modulating inlet valve
- ✓ VFD/setpoint control capabilities
- ✓ Half the noise of the comparable tech (65-76dB)
- ✓ Two-stage cyclone oil separation vessel minimizes oil carryover <3ppm

750 - 1100

- ✓ Vacuum controlled modulating inlet valve
- ✓ The in-house design of Quincy's QFD allows for improved control over lifetime of application
- ✓ Noise level far below comparable tech (75-79dB)
- ✓ Two-stage cyclone oil separation vessel minimizes oil carryover <3ppm

2200 - 3200

- ✓ Reliable pneumatic modulating inlet valve provides precise throttling control
- ✓ Quatro mixing valve and VSD cooling fan allow for most efficient package cooling
- ✓ Quiet operating level (83-85dB)
- ✓ Three-stage cyclone oil separation vessel allows for lowest possible oil carryover <1ppm

QSV 205-3200 Technical Data

Model	Power (HP)	Nominal Capacity (CFM)	Min. Pressure (HgV)	Fluid Capacity (Gal.)	Noise (dBA)	Permissible Ambient Temperature Range °F	Inlet Connection Size	Outlet Connection Size	Dimensions			Weight (lbs.)
									Length (in)	Width (in)	Height (in)	
QSV-205	7.5	240	29.9"	4.2	51-65	32-115	3" Flange	*2 1/2" NPT	50"	37"	43"	1102
QSV-345	10	357	29.9"	4.2	51-68	32-115	3" Flange	*2 1/2" NPT	50"	37"	43"	1102
QSV-430	15	461	29.9"	4.2	51-73	32-115	3" Flange	*2 1/2" NPT	50"	37"	43"	1124
QSV-530	20	516	29.9"	4.2	51-76	32-115	3" Flange	*2 1/2" NPT	50"	37"	43"	1146
QSV-750	30	789	29.9"	10.5	65-75	32-115	6" Flange	3 1/2" Flange	56"	63"	58"	2332
QSV-930	40	951	29.9"	10.5	65-79	32-115	6" Flange	3 1/2" Flange	56"	63"	58"	2332
QSV-1100	50	1066	29.9"	10.5	65-80	32-115	6" Flange	3 1/2" Flange	56"	63"	58"	2366
QSV-2200	75	2192	29.9"	22	75-86	32-115	8" Flange	6" Flange	113"	77"	75"	8697
QSV-2700	100	2645	29.9"	22	75-87	32-115	8" Flange	6" Flange	113"	77"	75"	8774
QSV-3200	125	3023	29.9"	22	75-88	32-115	8" Flange	6" Flange	113"	77"	75"	8818

Core Technologies

Air Logic II Controller

Utilize Quincy's set-point control technology with the Air Logic II monitoring system, eliminating inefficient pressure bands and allowing the pump to maintain a stable pressure level. Save energy by running at a consistently optimal pressure for your process.



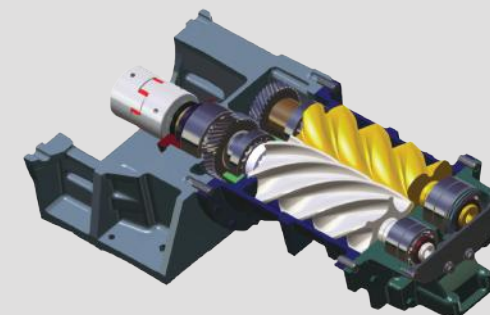
VSD

- On average 50% energy savings with an extensive flow range (20-100%)
- Graphic controller adjusts the motor speed via high-efficiency frequency inverter
- Eliminates peak current penalty during start-up of stop-start machines.



Screw Design

With an airend specifically designed for vacuum use, the reliability and efficiency of the QSV are industry leading. The oil-sealed rotary screw used in the QSV is a core technology for Quincy with multiple decades of design refinement.



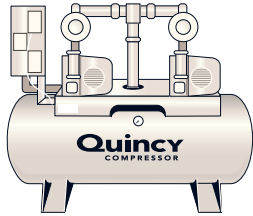
Remote Monitoring

- Integrate your facility's plant management system with Quincy's remote monitoring option.
- Stay informed of pump performance and maintenance requirements with ICONS.
- Web portal displays an event overview of the last 30 days with access to service data and monthly status reports by email.
- Logging + download service data for the last 30 days (Excel, Word, PDF)
- Requirement of machine-related services (service, spare parts) directly via web portal
- SMS/email notifications (service, failures and warnings)
- Online trend graph showing status display

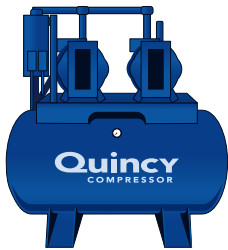
Vacuum Systems Best Practice



Quincy Rotary Screw



Quincy Rotary Vane (Medical)



QVIS Rotary Vane (Industrial)

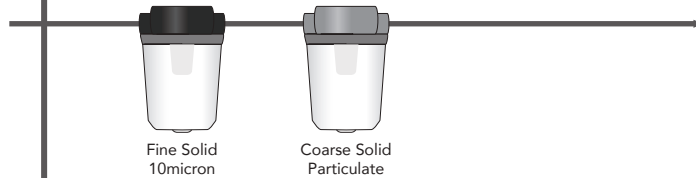


QCV Oil-Free Claw

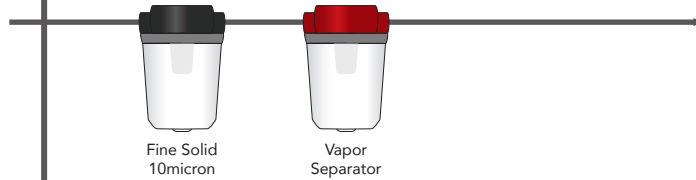
Dry System Filtration



Bulk Dry System Filtration



Humid System Filtration



Wet System Filtration

