



QCV Claw Vacuum Pump | 1.8 - 22 kW



At Ash Air, it isn't just about the products. We're passionate about performance and service, with more than 50 qualified engineers working throughout the country providing unsurpassed compressed air solutions.

Broad product portfolio of robust compressors & tools

Decades of experience & innovation. Since 1979

24/7 service support with back up and hire equipment

"We are committed to being the easiest company to deal with in the air compressor and vacuum industry."

### Energy Saving Solution



7,900 serviceable units



30.6km AIRnet piping installed



3580 kW combined power of VSD compressors installed



2.1 MWh potential yearly energy savings identified through leak detection



3.5 MWh saved with AIRnet and VSD each year



2.2 Mton CO<sub>2</sub> emissions eliminated each year

# Efficient Vacuum Pumps with Low Life Cycle Costs

The new range based on Quincy Compressor's QCV Dry Claw technology features an innovative design which creates a new benchmark in the claw pump market. The simplicity, robustness, efficiency and contaminant-handling capability of these pumps make them the smart choice for your application. Built to the exacting standards and quality demanded by our customers, the new dry claw pump provides you with a trouble-free and cost-effective solution to meet your needs.



## Built to Last

Manufactured on the fundamentals of Quincy's compressor design, these pumps feature some innovative construction materials and coatings for a lifetime of reliable operation even in harsh conditions.



## Easy Maintenance

Long life bearings and seals, a separate and isolated pumping element, and the simplest of designs suited for quick access to the pumping chamber make for easy cleaning in the event of product carry-over.



## Unrivalled Performance

- Extensive product range
- Unrivalled ultimate vacuum level
- Market leading performance
- Best-in-class power consumption
- Minimal machine life cycle costs
- Low noise levels

## Designed for a Long Life of Reliable Efficient Operation

The QCV Dry claw machine boasts some fantastic design features, including corrosion resistant claws. The renowned Quincy Compressor surface coating applied to the pump's process chambers has proven to be unrivalled in our compressors.





## Technical Data

### QCV 40-180 vacuum pump

Type	Sound Level	Block Dimensions			Nominal Capacity	Ultimate Vacuum	Nominal Motor Power	Connection Inlet/outlet
	dB(A)	Length (mm)	Width (mm)	Height (mm)	m <sup>3</sup> /h	mbar	kW	
QCV-40	70	920	394	545	65	50	1.8	G 1 1/4"/G1 1/4"
QCV-90	79	934	394	545	152	50	4.6	G 1 1/4"/G1 1/4"
QCV-180	82	1113	500	689	295	140	6.2	G2"/G1 1/4"

Pumping speed based on air at 20°C . Tolerance +/-10%.

### QCLP 90-180 compressor

Type	Sound Level	Block Dimensions			Nominal Capacity	Ultimate Pressure	Nominal Motor Power	Connection Inlet/outlet
	dB(A)	Length (mm)	Width (mm)	Height (mm)	m <sup>3</sup> /h	bar	kW	
QCLP-90	76	1090	416	673	108	2.5	11	G 1 1/4"/G1 1/4"
QCLP-180	80	1341	502	804	240	2.5	22	G2"/G1 1/4"

#### 1 Innovative Features

- Heavy-duty intake filter for quiet, trouble-free operation.
- Dry (oil-free) pumping chamber
- Market-leading low noise level
- Efficient IE3 motor with variable speed option for complete controllability
- Simple maintenance with contact-free internals eliminating wear
- Compact design with a small footprint

#### 2 Built-in Corrosion Resistance (Standard)

- Corrosion resistant claws
- Coated pumping chamber
- Suitable for many harsh applications

#### 3 Cleverly Designed Element

- Easily accessible pumping chamber for cleaning without accessing the gearbox and disturbing the timing
- Modular design allows flexibility and efficiency in terms of maintenance and lifecycle costs

#### 4 Upgraded Bearings and Seals

- Based on proven compressor and screw vacuum pump design for long, trouble-free life, even in the harshest applications.

#### 5 Compact Machine with a Small Footprint

- Ideally suited for replacement market compressor house installations and OEM machinery.

#### 6 Variable Speed Drive Compatible (VSD)

- Significant energy savings: up to 50% compared to fixed speed machines
- Improved response to varying demand



# Ash Air: Efficiency and Innovation for your business since 1979



Piston Compressors



Screw Compressors



Nitrogen & Dryers



Portable Compressors & Generators



Air Tools & Cordless Tools



Vacuum Pumps

13 locations  
providing nationwide support

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Whangarei  
Auckland South  
Hamilton  
Mt Maunganui  
Napier  
Rotorua  
New Plymouth  
Palmerston North  
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