

## DATASHEET

# CIVAC<sup>2</sup>



## KEY FEATURES

- Oil filled vacuum system designed for use with small to medium sized Resin Infusion applications, as well as small scale tank degassing of up to 50 litres.
- Environmentally friendly on-board vacuum pump integrated with efficient exhaust filters, typically 10 times better than competitive pumps.
- Capable of high levels of consistent performance at any operating pressure, whilst keeping an optimised noise level.
- Reduced maintenance requirements.
- Illuminated ON/OFF control with a simple button.
- Digital pressure readout enabling vacuum checks without the need of an external gauge.
- Full switching option which can be configured to automatically shut off pump once a configured level of vacuum is reached and starts up again once vacuum is lost, reducing wear on the pump and saving energy.

## VACUUM SYSTEM VERSIONS

All versions include corresponding spares kit.

Standard Options	Description	Product Number
<b>16 m<sup>3</sup>/hr Oil Filled Vacuum System</b>	Single phase with simple ON/OFF control.	XV-0201-16A + SK
<b>40 m<sup>3</sup>/hr Oil Filled Vacuum System</b>	Three phase (16A) with simple ON/OFF control.	XV-0201-40B + SK

## MACHINE UPGRADES

Standard Options	Description	Product Number
<b>Full Switching Control</b>	<ul style="list-style-type: none"> <li>- Digital display of vacuum level (gauge).</li> <li>- User adjustable digital switching unit to minimise pump operation whilst providing constant pump output.</li> <li>- Automatically turns ON/OFF between pre-set maximum and minimum vacuum level settings.</li> <li>- Absolute vacuum readout to provide readout of vacuum level from atmospheric pressure down to 0 mbar (absolute).</li> <li>- Hours run meter with electronic counter to record the total pump use in hours, allowing accurate planning of service intervals.</li> </ul>	XV-0201-OPT-F
<b>Small Reservoir</b>	20 litre reservoir suitable for 16 m <sup>3</sup> /hr vacuum pumps only.	XV-0201-OPT-S
<b>Large Reservoir</b>	<p>200 litre reservoir suitable for 40 m<sup>3</sup>/hr vacuum pumps only.</p> <p>Up to 8 vacuum take offs available - quantity of unregulated/regulated take offs to be specified.</p>	XV-0201-OPT-L

## MACHINE ANCILLARIES/RELATED PRODUCTS

Related Products	Description	Product Number
<b>Vacuum Hose Set</b>	5 metre vacuum hose set with GEKA connectors (pair). Designed to connect vacuum system to other vacuum outlets.	XE-0204

## TECHNICAL SPECIFICATION

General	
Product Dimensions	L: 1.55 x W: 0.65 x H: 1.21 m *Dimensions for vacuum system with 20L reservoir is dependent on other specifications and determined at point of order.
Product Weight	180 kg *Weight for vacuum system with 20L reservoir is dependent on other specifications and determined at point of order.
Maximum Shipping Weight	Dependent on shipping options
Nominal Service	1 calendar year *maintenance - oil and filter only

Vacuum Pumps	16 m <sup>3</sup> /hr	40 m <sup>3</sup> /hr
Vacuum Pump Type	Oil Filled	Oil Filled
Nominal Pump Speed	16 m <sup>3</sup> /hr (50 Hz)	44 m <sup>3</sup> /hr (50 Hz)
Ultimate Vacuum Level	≤ 2.0 mbar *with gas ballast	≤ 1.5 mbar *with gas ballast
Water Vapour Tolerance	10 mbar	30 mbar
Oil Filling	0.5 litre	1 litre
Noise Level	62 dB (A) (50 Hz)	58 dB (A) (50 Hz)
Maximum Motor Power	0.55 kW (50 Hz)	1.1 kW (50 Hz)

Power Requirements		
Power Supply	Single phase	Three phase
Electrical Supply	230V AC, 50 Hz	415V AC, 50 Hz
Internal Fuse	<b>3.15A, 20 mm cartridges</b>	<b>3.15A, 20 mm cartridges</b>
Power Connection	16A 1P+NE appliance inlet	16A 3P+NE appliance inlet