

## DATASHEET

# CIVAC<sup>4</sup>



## KEY FEATURES

- Suited for small to medium Resin Infusion applications, as well as small scale tank degassing of up to 50 litres.
- Mobile vacuum station with a single stage, air-cooled, oil-lubricated vacuum pump.
- Mounted onto a compact base frame with castor wheels.
- 30 litre steel resin trap with aluminium lid with a vacuum seal.
- Environmentally friendly vacuum pump integrated with efficient exhaust filters, typically 10 times better than competitive pumps.
- On-board vacuum pump is capable of high levels of consistent performance at any operating pressure, whilst keeping an optimised noise level.
- 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 a 30 litre resin trap and corresponding spares kit.

Standard Options	Description	Product Number
<b>40 m<sup>3</sup>/hr Infusion Station</b>	Three phase with simple ON/OFF control.	XV-0401-40C + SK

## VACUUM SYSTEM 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.</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-0401-OPT-F
<b>Resin Inlet Connectors: 4 x 6 mm</b>	30 litre catch-pot lid fittings. Through-lid resin hose connectors for incoming vent hoses from mould.	XV-0401-OPT-A4
<b>Resin Inlet Connectors: 4 x 10 mm</b>	30 litre catch-pot lid fittings. Through-lid resin hose connectors for incoming vent hoses from mould.	XV-0401-OPT-B4
<b>Resin Inlet Connectors: 4 x 12 mm</b>	30 litre catch-pot lid fittings. Through-lid resin hose connectors for incoming vent hoses from mould.	XV-0401-OPT-C4
<b>Resin Inlet Connectors: 8 x 6 mm</b>	30 litre catch-pot lid fittings. Through-lid resin hose connectors for incoming vent hoses from mould.	XV-0401-OPT-A8
<b>Resin Inlet Connectors: 8 x 10 mm</b>	30 litre catch-pot lid fittings. Through-lid resin hose connectors for incoming vent hoses from mould.	XV-0401-OPT-B8
<b>Resin Inlet Connectors: 8 x 12 mm</b>	30 litre catch-pot lid fittings. Through-lid resin hose connectors for incoming vent hoses from mould.	XV-0401-OPT-C8
<b>Resin Inlet Connectors: 12 x 6 mm</b>	30 litre catch-pot lid fittings. Through-lid resin hose connectors for incoming vent hoses from mould.	XV-0401-OPT-A12
<b>Resin Inlet Connectors: 12 x 10 mm</b>	30 litre catch-pot lid fittings. Through-lid resin hose connectors for incoming vent hoses from mould.	XV-0401-OPT-B12
<b>Resin Inlet Connectors: 12 x 12 mm</b>	30 litre catch-pot lid fittings. Through-lid resin hose connectors for incoming vent hoses from mould.	XV-0401-OPT-C12

## MACHINE ANCILLARIES/RELATED PRODUCTS

Standard Options	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	
<b>Product Dimensions</b>	L: 0.87 m x W: 0.66 m x H: 1.22 m
<b>Product Weight</b>	80 kg
<b>Maximum Shipping Weight</b>	100 kg <b>*dependent on shipping options</b>
<b>Nominal Service Period</b>	1 calendar year <b>*maintenance — oil and filter only</b>
<b>Design Life</b>	10 years

Mechanical	
<b>Resin Trap Size</b>	30 L
<b>Resin Trap Inlets</b>	6 / 10 / 12 mm
<b>Inlet Quantity</b>	4 / 8 / 12
<b>Vacuum Connectors</b>	GEKA or ISO B type

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

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