

## 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
40 m <sup>3</sup> /hr Infusion Station	Three phase with simple ON/OFF control.	XV-0401-40C + SK

## VACUUM SYSTEM UPGRADES

Standard Options	Description	Product Number
Full Switching Control	<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-0401-OPT-F
Resin Inlet Connectors: 4 x 6 mm	30 litre catch-pot lid fittings. Through-lid resin hose connectors for incoming vent hoses from mould.	XV-0401-OPT-A4
Resin Inlet Connectors: 4 x 10 mm	30 litre catch-pot lid fittings. Through-lid resin hose connectors for incoming vent hoses from mould.	XV-0401-OPT-B4
Resin Inlet Connectors: 4 x 12 mm	30 litre catch-pot lid fittings. Through-lid resin hose connectors for incoming vent hoses from mould.	XV-0401-OPT-C4
Resin Inlet Connectors: 8 x 6 mm	30 litre catch-pot lid fittings. Through-lid resin hose connectors for incoming vent hoses from mould.	XV-0401-OPT-A8
Resin Inlet Connectors: 8 x 10 mm	30 litre catch-pot lid fittings. Through-lid resin hose connectors for incoming vent hoses from mould.	XV-0401-OPT-B8
Resin Inlet Connectors: 8 x 12 mm	30 litre catch-pot lid fittings. Through-lid resin hose connectors for incoming vent hoses from mould.	XV-0401-OPT-C8
Resin Inlet Connectors: 12 x 6 mm	30 litre catch-pot lid fittings. Through-lid resin hose connectors for incoming vent hoses from mould.	XV-0401-OPT-A12
Resin Inlet Connectors: 12 x 10 mm	30 litre catch-pot lid fittings. Through-lid resin hose connectors for incoming vent hoses from mould.	XV-0401-OPT-B12
Resin Inlet Connectors: 12 x 12 mm	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

Related Products	Description	Product Number
Vacuum Hose Set	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: 0.87 x W: 0.66 x H: 1.22 m
Product Weight	80 kg
Maximum Shipping Weight	100 kg *dependent on shipping options
Nominal Service	1 calendar year *maintenance - oil and filter only
Design Life	10 years

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

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

Power Requirements	
Power Supply	Three phase
Electrical Supply	415V AC, 50 Hz
Internal Fuse	3.15A, 20 mm cartridges
Power Connection	16A 3P+NE appliance inlet