



CV117 - SUCTION UNIT



HEAVY INDUSTRY



FOOD INDUSTRY



CHEMICAL-PHARMACEUTICAL



- ✓ Side channel blower motor , powerful and quiet, totally maintenance-free, suitable for continuous duty
- ✓ Pressure relief valve for motor protection
- ✓ Low noise level
- ✓ Suitable for continuous use 24/7
- ✓ Designed to ensure maximum efficiency according to customer requirements
- ✓ Increased hygiene and cleanliness during and after production cycles
- ✓ High level of automation

SUCTION UNIT

Voltage	V - Hz	460 60 3-
Power	HP (kW)	8.4 (6.3)
Max waterlift	inH2O (mmH2O)	102.3 (2600)
Max air flow	CFM (m3/h)	353 (600)
Suction inlet	in (mm)	2.7 (70)
Noise level (EN ISO 3744)	dB(A)	74
Remote Control		Included

VOLUME

Dimensions	in (cm) WxLxH	25.2x25.9x54.7 (64x65x139)
Weight	lb (kg)	286.6 (130)



SUCTION UNIT

The suction unit is a side channel blower, with impeller fixed directly on the motor shaft and electronically balanced. The suction unit is maintenance-free, so it is suitable for continuous service (24/7). Also, it is highly quiet and guarantees high performance. A pressure relief valve, adjusted to the maximum continuous working point, guarantees protection to the motor in case of heavy duty, continuous and/or heavy duty service (e.g. clogged filter, obstructions in the suction system, etc.)

The suction unit is contained in a powder-coated steel frame, fixed to the floor, for soundproof and the operators's protection from any accidental contact. Integrated in the cover is the electrical panel (IP55 or 65), complete with start-stop controls and remote control that allows managing the motor switching on and off remotely or directly on board the panel. Other integrations for the management of further external functions and components (valve control, level probes, inverter / frequency variator etc.) are available on request.

OPTIONALS

- ✓ ATEX CERTIFICATION
- ✓ IP65 ELECTRIC PROTECTION
- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ INVERTER
- ✓ ADDITIONAL SILENCER
- ✓ CONTROL PANEL WITH PLC FOR MANAGEMENT OF EXTERNAL DEVICES (FILTER CLEANING CONTROL, PROBES, VALVES, ETC.)