Part No.

V78008

BUSCH SECO SV 1008 C · Dry Rotary Vane Vacuum Pump

BUSCH VACUUM SOLUTIONS

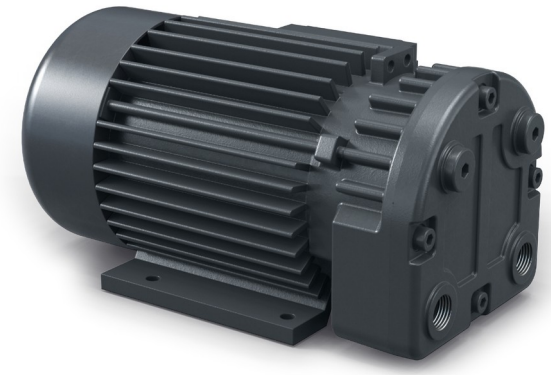
DESCRIPTION

The V78008 is the most compact pump in ATL Composites' dry-running rotary vane range, supplied as part of the BUSCH® SECO range. Designed and manufactured in Germany by Busch Vacuum Solutions, it delivers a nominal pumping speed of 7.3 m^3/hr at 50 Hz from an 8.5 kg direct-drive unit — well suited to small and medium wet laminate vacuum bagging, veneer and core bonding, repair work and workshop degassing.

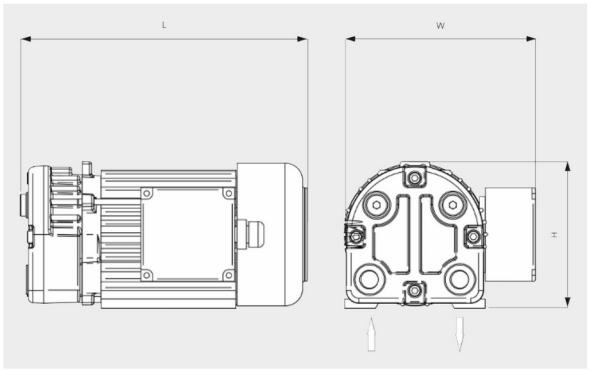
Self-lubricating vanes and lifetime-lubricated bearings allow continuous operation on clean, dry air with no operating fluid and no routine oil changes. ATL supplies the V78008 ready for workshop connection — pre-wired for 240 V single-phase operation and fitted as standard with a liquid-filled vacuum gauge, air bleed ball valve, cassette filter and 3-pin plug and lead.

BENEFITS

- Dry running — no operating fluid, no oil changes and no oil-mist contamination of the workshop
- Compact and light at 245 x 164 x 125 mm and 8.5 kg — easily moved between benches, moulds and job sites
- Direct-drive construction with self-lubricating vanes and lifetime-lubricated bearings for high uptime
- Rated for continuous operation on clean, dry air — ideal for long bagging and bonding cycles
- Supplied ready to run: 240 V single phase with gauge, air bleed valve, cassette filter and 3-pin plug
- Specified, supplied and supported by ATL Composites, exclusive BUSCH® distributor to the marine and composites industry



BUSCH SECO SV 1008 C dry rotary vane vacuum pump



Dimensional drawing — L 245 x W 164 x H 125 mm

TECHNICAL DATA	
PUMP TYPE	Dry-running rotary vane vacuum pump
BUSCH MODEL	SECO SV 1008 C
NOMINAL PUMPING SPEED	7.3 / 8.8 m^3/h (50 / 60 Hz)
ULTIMATE PRESSURE	150 hPa (mbar) (50 / 60 Hz)
NOMINAL MOTOR RATING	0.25 / 0.30 kW (50 / 60 Hz)
NOMINAL MOTOR SPEED	3000 / 3600 min^{-1} (50 / 60 Hz)
POWER SUPPLY	240 V single phase — supplied with 3-pin plug and lead
NOISE LEVEL (ISO 2151)	63 / 66 dB(A) (50 / 60 Hz)
WEIGHT (APPROX.)	8.5 kg

TECHNICAL DATA	
DIMENSIONS (L X W X H)	245 x 164 x 125 mm
GAS INLET / OUTLET	G ⅜" / G ⅜"
LUBRICATION	Dry — self-lubricating vanes, no operating fluid
SUPPLIED AS STANDARD	Liquid-filled vacuum gauge; air bleed ball valve and filter with 3/8" brass hose barb inlet; cassette-type filter; 3-pin plug and lead
OPTIONS / ACCESSORIES	Inlet filter; vacuum regulating unit; non-return valve (inlet); hose nipple
MATERIALS TO AVOID	Solvent vapours, uncured resin/styrene carry-over, water and abrasive dust — use an inlet filter and catch pot
STORAGE	Store dry and dust-free, indoors, between 0 °C and 40 °C

ATL PART NO.	BUSCH MODEL	NOMINAL PUMPING SPEED (50 / 60 Hz)	ULTIMATE PRESSURE	NOMINAL MOTOR RATING
V78008	SECO SV 1008 C	7.3 / 8.8 m^3/h	150 hPa (mbar)	0.25 / 0.30 kW
V78010	SECO SV 1010 C	10 / 12 m^3/h	150 hPa (mbar)	0.37 kW
V78016	SECO SV 1016 C	16 / 19 m^3/h	150 hPa (mbar)	0.55 kW
V78025	SECO SV 1025 C	25 / 30 m^3/h	120 hPa (mbar)	0.90 kW
V78040	SECO SV 1040 D	40 / 48 m^3/h	120 hPa (mbar)	1.25 kW

Figures above are BUSCH published data at 50 / 60 Hz; ATL catalogue flow rates are rounded nominal values. All dry vane pumps are supplied 240 V single phase with gauge, air bleed valve, cassette filter and 3-pin plug. Contact ATL to confirm the correct pump for your mould size, process and cycle time.

DISCLAIMER