

The Vector Solo AA combines air-assisted airless technology with proven atomisation in a portable, cordless model. With superior Ransburg electrostatics, this gun delivers advanced spray pattern characteristics, unmatched pattern adjustability and extraordinary transfer efficiency.

Enhanced spray pattern characteristics deliver precise and consistent application of solvent based coatings. The Vector Solo AA's pattern adjustability allows the decrease of overall pattern size, improving accuracy and creating a uniform finish. Ransburg's best in-class atomisation also reduces overspray and paint waste for cost savings.

Solo's cordless design increases flexibility. Operators have a greater range of movement to achieve consistent applications. The superior ergonomic balance improves user comfort and lessens fatigue for an increase in productivity.

Vector Solo AA's efficiency, convenience and versatility helps to lower paint usage and contribute to reduced running costs in finishing facilities.

Solo sprays anywhere without electric cables for improved mobility.

Typical applications

- Aerospace industry
- General Metal spraying
- Commercial and off Road Vehicles
- Plus many others...



VECTOR SOLO

AA90 Air Assisted Airless cordless, accurate and efficient

- Balanced Electrode Design... provides the best transfer efficiency in the industry
- Ergonomic Handle Contouring... proper palm engagement reduces the grip force required to hold the gun over extended use
 - Low Trigger Pull Force... improves user comfort and reduces fatigue
- Easily Maintained... modular design makes it easy to repair and replace components, if needed
- Low Motor Speed... minimises the potential for vibration transmitted to the handle for a secure grip
- Single Turn Fan Pattern Adjustment... reduces overall pattern size by 30%
 - CE marked and fully ATEX approved.

VECTOR Solo

Accessories

- Applicator Covers
- Air Caps provide a wide range of fan widths
- Pre-Orifice Seals
- Test Equipment
- High Pressure Whip Hose
- Gasket Kit
- Atomisation Compensation Valve

79698 Vector Solo AA90 Applicator Model Identification

When ordering, use 79698-A, B, C, D and E as indicated by Tables A, B, C, D and E. Five digits must follow the basic part number, for example:

79698 - X X X X X

Air Hose Length

- 0 = No Air Hose (Gun-only)
- 1 = 10m (33ft)
- 2 = 15m (49ft)
- 3 = 20m (60ft)
- 4 = 30m (99ft)

Air Hose Type

- 0 = No Air Hose (Gun only)
- 1 = Standard Air Hose
- 2 = Standard Air Hose with Quick-Disconnect Fitting

Trigger Style

- 2 = Two-Finger Trigger

Fluid Hose Length

- 0 = No Fluid Hose
- 1 = 11m (36ft)
Fluid Hose, 3/16" ID
- 2 = 15m (50ft)
Fluid Hose, 3/16" ID
- 3 = 23m (75ft)
Fluid Hose, 1/4" ID
- 4 = 30m (100ft)
Fluid Hose, 1/4" ID

Spray Tip Size

- 0 = Carbide Tip Assembly
79691-0811
- 1 = Carbide Tip Assembly
79691-0813
- 2 = Carbide Tip Assembly
79691-1011
- 3 = Carbide Tip Assembly
79691-1015

LED Style Voltage Light...
simple and easy to read
indicator light located in
the rear of the gun



High-Low Quick Voltage Setting...
easy switching for targets with
recessed areas

Adjustable Voltage
Range... 60 or 85 kV

Cordless Portability... greatly reduces
installation and removal time

Specifications

Length	269mm / 10.6 in
Weight	973g / 34.0 oz
Hose Lengths	10m, 15m, 20m, 30m

Electrical

Operating Voltage	85kV DC (-) Max
Current Output	130 Microamps Max
Paint Resistance	.1M Ohm to Infinity

Mechanical

Fluid Flow Capability	1500ml/min
Operating Pressure	
Fluid	0-206.8bar / 0-3000psi tip / material dependant
Air	0-6.9bar / 0-100psi
Ambient Temperature	0-40°C / 32-104°F
Consumption	470 SLPM / 16.6 SCFM @ 2.8bar / 40psig @ the handle inlet
Sound Level	92dB(A) @ 2.8bar / 40psig @ the handle, 1m from the applicator
Vibration Level	.0065m/S ² @ 2.8bar / 40psig @ the handle inlet

For further technical information please refer to the Solo AA90 Service Bulletin

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