Ransburg expands the Vector line of manual electrostatic spray guns with the introduction of the Vector AA90 air-assisted airless gun. Vector AA90 is a rugged, yet lightweight spray gun designed with the painter in mind.

The Gun combines superior air-assisted airless atomisation technology with powerful electrostatic features, all in one gun. This integration results in a comfortable, lightweight gun with superior spray pattern characteristics, unmatched 'on gun' fan pattern adjustability with extraordinary high transfer efficiencies.

Vector AA90 is available with an extensive selection of air cap and fluid tip combinations to ensure optimum performance is achieved with the coating materials you are using today and in the future.

Electrostatic power with flexibility

The gun is available in classic or cascade technology able to spray solvent or waterborne coatings. You select the system most suited for your application.

Typical Applications in General Industry

- **General Metal spraying**
- **Commercial & Off road vehicles**
- **Aerospace industry**
- **Truck & Trailers/chassis**
- **Rail and passenger carriages**
- **Metal furniture**

VECTOR

AA90 Air Assisted Airless Electrostatic Spray Guns

- Classic - The perfect combination of lightweight and simplicity
- Cascade - Designed for those applications where "on the gun" control of electrostatic power output is desired
- "Triple set point" Voltage control "on the Cascade gun"
- Spray fan adjustment "on the gun"
- Ultra Lightweight gun with reduced trigger pull tension - means reduced operator fatigue
- Solvent and waterborne paint compatibility
- FM and ATEX/CE approved.

VECTOR

VECTOR AA90 Accessories:

- Gun Covers
- Conductive Gloves
- Air Hose
- Fluid Hose
- Waterborne Fluid Hose

Improved electronic control

Vectors control unit offers the operator 'triple set point' voltage control, plus power on and off, right on the cascade gun. This microprocessor based control allows for data to be collected. This data can then be used to correlate the amount of paint used and parts painted.

AA90 cascade control unit.

AA90 Classic power supply unit.

The illuminated LED display on the control unit is visible at distances up to 15 metres.

Optional multi-position mounting brackets are available.

On gun control of fan pattern and with the Cascade gun triple set point voltage adjustment is included.

Vector AA90 Technical Specification		
Spray gun model	Classic	Cascade
Fluid pressure (max)	190 bar (2800psi)	190 bar (2800psi)
Atomisation	Air Assisted Airless	Air Assisted Airless
Length	29.2 cm	29.2 cm
Weight	708 g	793 g
Atomising air pressure (max)	6.8 bar (100 psi)	6.8 bar (100 psi)
Tip voltage	85kV maximum	85kV maximum
Max current	90 µA	90 µA
Max fluid temperature	65°C	65°C
Max fluid delivery	1,000 ml/min	1,000 ml/min

Vector Electrical Cable Lengths			
Classic Cables	Meters	Cascade Cables	Meters
79519-10	10	79338-01	1
79519-15	15	79338-10	10
79519-20	20	79338-15	15
79519-30	30		

Vector AA90 Tungsten tip range					
Fan Width	100mm (4")	200mm (8")	254mm (10")	305mm (12")	406mm (16")
Tip size	Order no. 79609-XXXX				
0.23mm (0.009")	0409	-	-	-	-
0.28mm (0.011")	-	0811	1011	-	-
0.33mm (0.013")	0413	0813	-	1213	-
0.38mm (0.015")	-	-	1015	-	1615
0.48mm (0.019")	-	-	-	1219	1619
0.53mm (0.021")	-	-	1021	-	-

All Vector guns are supplied with 79609-1015 tip as standard

Part number example AA90 cascade gun outfit:-

79580 - 20 - 3

- 240V cascade control unit
- 20 metre long cables
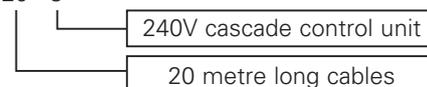
For further technical information please refer to the Vector AA90 Service Bulletin.

www.finishingbrands.eu