

# VECTOR AA90 SPRAY GUN

## TRANSFORMING ELECTROSTATIC TECHNOLOGY



### DESCRIPTION

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

The Gun combines superior air-assisted airless technology with powerful electrostatic features, all in one gun. The integration results in a comfortable, lightweight spray gun with superior spray pattern characteristics, unmatched pattern adjustability and extraordinary transfer efficiency.

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. You select the system most suited for your application.

### FEATURES AND BENEFITS

- **Vector AA90 Classic...**The perfect combination of lightweight and simplicity
- **Vector AA90 Cascade...**Designed for those applications where greater control of electrostatic power output is desired
- **Lightweight...**engineered polymers and advanced molding techniques makes the gun lightweight, reducing operator fatigue
- **Rugged...**durable, reliable design and reduced number of parts increases reliability while reducing maintenance
- **Ergonomic...**reduced weight and slim, comfortable handle offers maximum operator comfort
- **Reduced Fatigue...**light trigger pull decreases repetitive motion and effort by the operator
- **Air Cap/Fluid Tip Selection...**a wide variety of orifice sizes and pattern lengths offer optimal flexibility
- **Versatile...**Vector AA90 guns are capable of applying a full spectrum of coating materials
- **FM and ATEX (CE Listed)...**tested and approved for worldwide use in paint booths and in hazardous locations



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### SPECIFICATIONS

#### SPECIFICATIONS FOR VECTOR AA90 CLASSIC/CASCADE:

<b>Atomization Type:</b>	Air-Assisted Airless
<b>Length:</b>	11.5in. / 29.2 cm
<b>Weight:</b>	
<b>Vector AA90 Classic:</b>	25 oz. / 708 grams
<b>Vector AA90 Cascade:</b>	28 oz. / 793 grams
<b>Operating Pressures:</b>	Air – 100 psi (6.8 bar)
	Fluid – 2800 psi (193 bar)
<b>Maximum Fluid Temp:</b>	150°F / 65°C
<b>Maximum Fluid Delivery:</b>	1,000 cc/min
<b>Tip Voltage:</b>	85kV maximum
<b>Maximum Current:</b>	90µA

#### VECTOR AA90 OPTIONS:

##### FLUID TIPS –

Part No.	Orifice inch/mm	Pattern inch/mm
79609-0409	0.009/.23	4/101
79609-0413	0.013/.33	4/101
79609-0811	0.011/.28	8/202
79609-0813	0.013/.33	8/202
79609-1011	0.011/.28	10/254
79609-1015	0.015/.38	10/254
79609-1021	0.021/.53	10/254
79609-1213	0.013/.33	12/305
79609-1219	0.019/.48	12/305
79609-1615	0.015/.38	16/406
79609-1619	0.019/.48	16/406

\*All Vector Guns shipped with P/N 79609-1015 as the standard Fluid Tip

##### ELECTRICAL CABLE LENGTHS –

	Classic Cables:	Feet	Meters	Cascade Cables:	Feet	Meters
<b>Cable</b>	79519-10	32.8	10	79338-01	3.2	1
<b>Cable</b>	79519-15	49.2	15	79338-10	32.8	10
<b>Cable</b>	79519-20	65.6	20	79338-15	49.2	15
<b>Cable</b>	79519-30	98.4	30			

### ACCESSORY AREA

**Gun Covers** - Protect your investment from overspray and dirt with gun covers engineered for a unique fit and made with electrically neutral, anti-static material.

**Conductive Gloves** – Reduce the possible build up of static charges by ensuring the user is grounded to the spray gun; wearing conductive gloves will keep the user and the gun at the same electrical potential.

**Air Hose** – A highly durable and abrasion resistant air hose is available in various lengths or bulk reels.

**Fluid Hose** – Flexible, strong and production proven fluid hose.

**Waterborne Fluid Hose** – professionally engineered, safety tested and approved for the most demanding applications.

## ITW Ransburg

ITW Ransburg  
320 Phillips Ave., Toledo, Ohio 43612-1493 USA  
Tel: +1-419-470-2000 Fax: +1-419-470-2270  
General email: [marketing@itwransburg.com](mailto:marketing@itwransburg.com)  
web: [www.itwransburg.com](http://www.itwransburg.com)

ITW Automotive Finishing UK (a division of ITW Ltd.)  
Anchorbrook Industrial Estate, Lockside, Aldridge,  
Walsall, West Midlands. U.K. WS9 8EG  
Tel. +44 (0) 1922 423 700 Fax. +44 (0) 1922 423 705  
General email: [info@itwautofin.co.uk](mailto:info@itwautofin.co.uk)  
Web: [www.itweuropeanfinishing.com](http://www.itweuropeanfinishing.com)

ITW Finishing Equipment (Shanghai) Co., Ltd.  
6D, Hong Qiao Business center -No. 2272, Hong Qiao Road  
Shanghai, 200336 P.R. China  
Tel. (86) 21-62377088 Fax (86) 21-62377090

ITW Oberflächentechnik GmbH & Co. KG  
Justus-von-Liebig-Straße 31, 63128 Dietzenbach  
Tel. +49 (0) 6074 403 | Fax. +49 (0) 6074 403 300  
General email: [info@itw-finishing.de](mailto:info@itw-finishing.de)  
web: [www.itweuropeanfinishing.com](http://www.itweuropeanfinishing.com)

ITW Surfaces at Finitions  
163-171, Av. Des Aureats, 26014 Valence cedex  
Telephone: +33 (0) 4 75 75 27 53 Telecopie: +33 (0) 4 75 75 27 79  
General email: [info@itwsf.com](mailto:info@itwsf.com)  
web: [www.itweuropeanfinishing.com](http://www.itweuropeanfinishing.com)