



# Ransburg Voltage Controller (RVC)

## Combine with the RansFlex® Automatic Gun for Ultimate Electrostatic Coating

Easily access and control your power supply with the RVC — *Ransburg* Voltage Controller. The RVC can support two RansFlex automatic guns with independent or linked control for ultimate adaptability and convenience. Power is right at your fingertips.

Based on proven *Ransburg* voltage-generation technology, the RVC automatically detects the hardware as soon as it is connected. An intuitive touch screen with plug and play capabilities allows for easy operation, advanced troubleshooting and fast access to data easily retrieved by USB. While older controllers often require constant upgrades in order to work effectively, the RVC's innovative design eliminates the need for frequent updates. It provides reliability and control for ultimate applicator transfer efficiency, less maintenance, improved coverage and maximum safety.

## FEATURES

### Ransburg Voltage Controller (RVC)

- Full color touch screen display
- Advanced on-screen troubleshooting with event history log
- Lifetime usage and process-based data analytics
- Independent or linked control of up to two RansFlex automatic guns from a single controller
- Data retrieval via front USB port

## Specifications



**Ransburg Voltage Controller (RVC)**

Environmental/Physical	
Operating Temperature:	5°C to +40°C (41°F to +104°F)
Storage and Shipping Temperature:	-40°C to +85°C (-40°F to +185°F) (Allow power supply to reach room temperature before use)
Humidity:	95% Non-Condensing
Height:	18.4 cm (7.3 inches)
Width:	27.3 cm (10.8 inches)
Depth:	39.4 cm (15.5 inches)
Weight:	10.2 kg (22.5 lbs.)
Electrical	
Input Voltage:	100-240 VAC
Frequency:	50-60 Hz
Current:	1 A max. RMS
Wattage:	75 watts (max.)
Output Voltage:	Dependent upon applicator
RansFlex Automatic:	1-65kV MAX DC, adjustable in 1kV increments
Ground:	Use known good earth ground

### Let's start a conversation

We want to work together to help answer your application challenges. To learn more about what we can offer, visit our website at [CarlisleFT.com](http://CarlisleFT.com) or call us today.

[youtube.com/CarlisleFluidTechnologiesGlobal](https://www.youtube.com/CarlisleFluidTechnologiesGlobal)

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**Ransburg RansFlex RFXA Automatic Gun**

Environmental/Physical	
<b>Tubing Requirements</b>	
Atomizing Air:	5/16" (8 mm) OD Nylon
Fan Air:	5/16" (8 mm) OD Nylon
Trigger Air:	5/32" (4 mm) OD Nylon
Applicator Length:	273 mm (10.75")
Weight: (Without Hose)	1050 grams (37 oz.)
Low Voltage Cable 79338-XX Lengths (Std):	10 m, 15 m, 20 m and 30 m
Electrical	
Operating Voltage:	65kV DC (-) maximum
Current Output:	90 microamperes maximum
Paint Resistance*:	.1 MΩ to ∞
Part Sprayability:	Determine sprayability of part to be coated using 76652, Test Equipment
* Use Model No. 76652, Test Equipment (See current "Paint, HV & SCI Test Equipment" service manual TE-98-01)	
Mechanical	
Fluid Flow Capacity:	1000 mL/minute**
Wetted Parts:	Stainless, polyethylene, nylon, acetal polymer
<b>Operating Pressure (Air Spray)</b>	
Fluid:	(0-6.9 bar) 0-100 psi
Air:	(0-6.9 bar) 0-100 psi
Trigger:	(5.5-6.9 bar) 80-100 psi
Ambient Temperature:	40°C to 5°C (104°F to 41°F)
Trigger Response Time:	150 msec open and close

\*\* This reflects the maximum fluid volume the applicator can deliver. The maximum spray volume that can be effectively atomized depends on fluid rheology, spray technology and finish quality required.



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