

Ransburg Ransflex Manual Electrostatic Applicator

ELECTROSTATICS



Supervisor atomisation and transfer efficiency

Lighter weight with new ergonomic design and balance

Cordless portability - no generator or controller

Complies with all globally recognised safety standards ATEX-CE/FM/CSA

Best in class atomisation in a compact, lightweight applicator, the all new RansFlex spray gun provides new features and benefits that surpass all other electrostatic applicators.

RansFlex is a low pressure air atomising electrostatic spraygun powered by an inbuilt turbine. Designed with the operator in mind, the handle incorporates many fit and feel improvements with better balanced weight to reduce operator fatigue.

DeVilbiss' World renowned air cap atomisation technology is coupled with Ransburg electrostatic power to provide superior atomization, transfer efficiency and performance, all backed by a 5-year limited warranty.

COATING TYPES AND APPLICATIONS

Suitable For These Materials:

- Solvent Based Coatings
- Primers, Sealers & Catalysed Lacquers
- Moisture-Sensitive Materials
- UV-Cure Coatings
- 2K Solvent Based Materials
- Adhesives & Fillers
- Plus many others...



GENERAL
INDUSTRY

AEROSPACE

MARINE, SHIP
AND BOAT

RAIL, TRUCK
AND BUS

AGRICULTURE AND
CONSTRUCTION
MACHINERY

Ergonomic fit, feel, balance and controls

Operators experience less stress on joints and muscles which has proven to lower the risk of RSI and the impact of physical strain, reducing operator fatigue.

Redesigned sleek and smooth exterior

Makes cleaning and maintenance fast and easy whilst protecting key components.

Triple Turbine Protection

Three phases of turbine protection including a divorced turbine air supply cartridge, sealed nozzle/atomisation passages and the strategic turbine location, which provide a long trouble free working life.

Ergonomic handle profile and comfortable trigger

Contoured palm engagement, which reduces the grip force required to hold the gun over long periods.

Meets ATEX-CE/FM/CSA

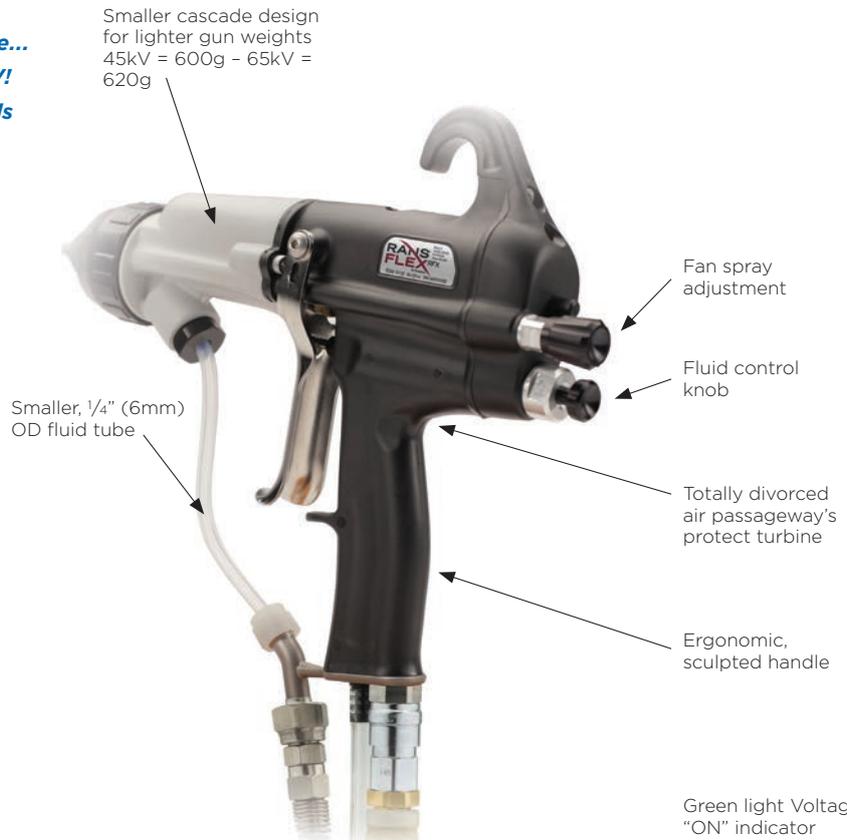
Complies with all globally recognised safety standards.

With 20% fewer parts than previous models, RansFlex is easier to maintain and the patented turbine utilises a three-phase motor to reduce vibration and provide electrostatic power at lower input air pressures. RansFlex features quick voltage on/off controls on the gun with quick detach air hose connector at the handle to further reduce weight. Indexing air caps with unique colour coded fluid tips for easy identification, make RansFlex the perfect Electrostatic solution for all finishing applications.

Cordless portability and convenience - no generators or controllers

- Superior atomisation and transfer efficiency
- Lighter weight with superior ergonomic balance
- Quick and easy to set up „straight from the box“
- Lower running costs and maintenance
- For most solvent based paints and materials.

Performance, balance, operator comfort, transfer efficiency and ease of maintenance... 45kV and 65kV operate like 65kV and 85kV! That's RansFlex meeting the finishing needs of today and tomorrow.



Low profile compensation valve

Green light Voltage "ON" indicator



Power on/off on gun

Combined Ransburg and DeVilbiss atomisation technology for best in class performance. V65, C31 and T40 air caps



NOZZLE SELECTION 80265-00 / 80264-XX - V SERIES

| Nozzle Part Number | For Use With V65 Air Cap P/N | Colour | Nozzle Size | |
|--------------------|------------------------------|-----------|-------------|--------|
| 80264-07 | 80265-00 | Air Spray | Black | 0.7 mm |
| 80264-10 | 80265-00 | Air Spray | Black | 1.0 mm |
| 80264-12 | 80265-00 | Air Spray | Red | 1.2 mm |
| 80264-14 | 80265-00 | Air Spray | Grey | 1.4 mm |
| 80264-18 | 80265-00 | Air Spray | Green | 1.8 mm |

HIGH WEAR NOZZLE SELECTION 80265-00 / 80464-XX - V SERIES

| Nozzle Part Number | For Use With V65 Air Cap P/N | Colour | Nozzle Size | |
|--------------------|------------------------------|-----------|-------------|--------|
| 80464-14 | 80265-00 | Air Spray | Tan | 1.4 mm |
| 80464-18 | 80265-00 | Air Spray | Tan | 1.8 mm |

NOZZLE SELECTION 80231-00 / 80230-XX C SERIES

| Nozzle Part Number | For Use With C31 Air Cap P/N | Colour | Nozzle Size | |
|--------------------|------------------------------|-----------|-------------|--------|
| 80230-12 | 80231-00 | Air Spray | Red | 1.2 mm |
| 80230-14 | 80231-00 | Air Spray | Grey | 1.4 mm |
| 80230-18 | 80231-00 | Air Spray | Green | 1.8 mm |

NOZZLE SELECTION 80240-00 / 80239-XX T SERIES

| Nozzle Part Number | For Use With T40 Air Cap P/N | Colour | Nozzle Size | |
|--------------------|------------------------------|-----------------|-------------|--------|
| 80239-12 | 80240-00 | LVMP/Trans Tech | Red | 1.2 mm |
| 80239-14 | 80240-00 | LVMP/Trans Tech | Grey | 1.4 mm |
| 80239-18 | 80240-00 | LVMP/Trans Tech | Green | 1.8 mm |

SPECIFICATIONS

Two Solvent Paint Models Available

45kV RansFlex RX

| | |
|------------------------------|--|
| Weight without hoses | 600g (21.3 oz.) |
| Height | 190.5 mm (7.5") |
| Width Max | 41.2 mm (1 5/8") |
| Length | 254 mm (10") |
| Operating Voltage | 45 kV |
| Max Current | 140 µA |
| Min Inlet Pressure | 2.8 bar (40 psig) (dynamic at handle inlet) |
| Paint Conductivity | 0.1 MΩ to infinity |
| Fluid Flow Capacity | 1,000 ml/min. |
| Air consumption with voltage | 438 lpm (15.4 scfm) (at handle inlet) |
| Material/Paint | Solvent based |

65kV RansFlex RFX

| | |
|------------------------------|--|
| Weight without hoses | 620g (22.0 oz.) |
| Height | 190.5 mm (7.5") |
| Width Max | 41.2 mm (1 5/8") |
| Length | 273 mm (10 3/4") |
| Operating Voltage | 65 kV |
| Max Current | 120 µA |
| Min Inlet Pressure | 2.8 bar (40 psig) (dynamic at handle inlet) |
| Paint Conductivity | 0.1 MΩ to infinity |
| Fluid Flow Capacity | 1,000 ml/min. |
| Air consumption with voltage | 438 lpm (15.4 scfm) (at handle inlet) |
| Material/Paint | Solvent based |

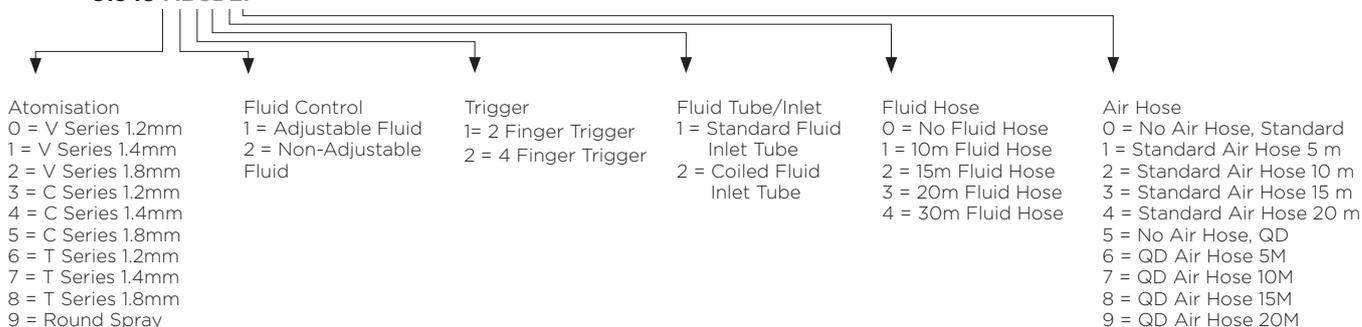


45kV and 65kV models are available.

Part Number Ordering Example for a 45kV model:

When ordering use 80345-A,B,C,D,E,F. 6 digits must follow to provide the correct part number.

81345-ABCDEF



For further technical information refer to the Ransburg Ransflex Service Bulletins.



SOLUTIONS FOR YOUR WORLD www.carlisleft.com

World Class Manufacturers of: | Process Controls | Curing & Conveying
Electrostatics | Fluid Handling | Powder Coating | Atomisation

Carlisle Fluid Technologies UK
Ringwood Road, Bournemouth, Dorset
BH11 9LH, United Kingdom

Tel: +44 (0)1202 571111
Fax: +44 (0)1202 573488
Email: marketing-uk@CarlisleFT.com