Ransburg Ransflex
Manual Electrostatic Applicator

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.

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 Turbo inhibition
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.

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

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.

- Smaller cascade design for lighter gun weights: 45kV = 600g - 65kV = 620g

- Smaller, \( \frac{1}{4} \)" (6mm) OD fluid tube

- Low profile compensation valve

- Fan spray adjustment

- Fluid control knob

- Totally divorced air passageway’s protect turbine

- Ergonomic, sculpted handle

- Easy to identify colour coded fluid tips - Black 0.7 and 1.0mm Red 1.2, Grey 1.4 and Green 1.8 tips - (high wear tip options available)

- 2 or 4 finger metal trigger versions

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

- Low profile air connection with Q.D. option

- Green light Voltage "ON" indicator

- Power on/off on gun

- 5, 10, 15 and 20m air and fluid hose lengths available
Ransburg RansFlex Manual Electrostatic Applicator

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

**SPECIFICATIONS**

Two Solvent Paint Models Available

### 45kV RansFlex RX
- Weight without hoses: 600g (21.3 oz.)
- Height: 190.5 mm (7.5")
- Width Max: 412 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: 1000 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: 412 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: 1000 ml/min.
- Air consumption with voltage: 438 lpm (15.4 scfm) (at handle inlet)
- Material/Paint: Solvent based

**NOZZLE SELECTION**

### 80265-00 / 80264-XX – V SERIES

<table>
<thead>
<tr>
<th>Nozzle Part Number</th>
<th>For Use With V65 Air Cap P/N</th>
<th>Colour</th>
<th>Nozzle Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>80264-07 80265-00</td>
<td>Air Spray</td>
<td>Black</td>
<td>0.7 mm</td>
</tr>
<tr>
<td>80264-12 80265-00</td>
<td>Air Spray</td>
<td>Red</td>
<td>1.2 mm</td>
</tr>
<tr>
<td>80264-14 80265-00</td>
<td>Air Spray</td>
<td>Grey</td>
<td>1.4 mm</td>
</tr>
<tr>
<td>80264-18 80265-00</td>
<td>Air Spray</td>
<td>Green</td>
<td>1.8 mm</td>
</tr>
</tbody>
</table>

### HIGH WEAR NOZZLE SELECTION

80265-00 / 80464-XX – V SERIES

<table>
<thead>
<tr>
<th>Nozzle Part Number</th>
<th>For Use With V65 Air Cap P/N</th>
<th>Colour</th>
<th>Nozzle Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>80464-14 80265-00</td>
<td>Air Spray</td>
<td>Tan</td>
<td>1.4 mm</td>
</tr>
<tr>
<td>80464-18 80265-00</td>
<td>Air Spray</td>
<td>Tan</td>
<td>1.8 mm</td>
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### 80231-00 / 80230-XX C SERIES

<table>
<thead>
<tr>
<th>Nozzle Part Number</th>
<th>For Use With C31 Air Cap P/N</th>
<th>Colour</th>
<th>Nozzle Size</th>
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<tbody>
<tr>
<td>80230-12 80231-00</td>
<td>Air Spray</td>
<td>Red</td>
<td>1.2 mm</td>
</tr>
<tr>
<td>80230-14 80231-00</td>
<td>Air Spray</td>
<td>Grey</td>
<td>1.4 mm</td>
</tr>
<tr>
<td>80230-18 80231-00</td>
<td>Air Spray</td>
<td>Green</td>
<td>1.8 mm</td>
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### 80240-00 / 80239-XX T SERIES

<table>
<thead>
<tr>
<th>Nozzle Part Number</th>
<th>For Use With T40 Air Cap P/N</th>
<th>Colour</th>
<th>Nozzle Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>80239-12 80240-00</td>
<td>LVMP/Trans Tech</td>
<td>Red</td>
<td>1.2 mm</td>
</tr>
<tr>
<td>80239-14 80240-00</td>
<td>LVMP/Trans Tech</td>
<td>Grey</td>
<td>1.4 mm</td>
</tr>
<tr>
<td>80239-18 80240-00</td>
<td>LVMP/Trans Tech</td>
<td>Green</td>
<td>1.8 mm</td>
</tr>
</tbody>
</table>

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.
- Example: 81345-ABCDEF

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

**Atomisation**
- 0 = V Series 1.2mm
- 1 = V Series 1.4mm
- 2 = V Series 1.8mm
- 3 = C Series 1.2mm
- 4 = C Series 1.4mm
- 5 = C Series 1.8mm
- 6 = T Series 1.2mm
- 7 = T Series 1.4mm
- 8 = T Series 1.8mm
- 9 = Round Spray

**Fluid Control**
- 0 = Adjustable Fluid
- 1 = Non-Adjustable Fluid

**Trigger**
- 1 = 2 Finger Trigger
- 2 = 4 Finger Trigger

**Fluid Tube/Inlet**
- 1 = Standard Fluid Inlet Tube
- 2 = Coiled Fluid Inlet Tube

**Fluid Hose**
- 0 = No Fluid Hose
- 1 = 10m Fluid Hose
- 2 = 15m Fluid Hose
- 3 = 20m Fluid Hose
- 4 = 30m Fluid Hose

**Air Hose**
- 0 = No Air Hose, Standard
- 1 = Standard Air Hose 5m
- 2 = Standard Air Hose 10m
- 3 = Standard Air Hose 15m
- 4 = Standard Air Hose 20m
- 5 = No Air Hose, QD
- 6 = QD Air Hose 5M
- 7 = QD Air Hose 10M
- 8 = QD Air Hose 15M
- 9 = QD Air Hose 20M