



CARLISLE
FLUID TECHNOLOGIES

DEVILBISS®
AUTOMOTIVE REFINISHING

INTRODUCTION

MEET THE DV1

- A DeVilbiss 'Basecoat' spray gun like no other
- Designed for ultimate performance
- New ergonomics
- New air cap design
- New fluid tip technology
- New co-axial air flow valve design
- Advanced atomisation technology



KEY FEATURES

MEET THE DV1

NOISE REDUCTION

- Less noise for your comfort, especially for the longer project.

PARTICLE SIZE

- Consistently achieves a narrow colour window for the closest colour matching and consistent paint particle size through the pattern.

TURBULENCE CONTROL

- New advanced fluid tip design reduces turbulence, minimising mottling / clouding



KEY FEATURES

MEET THE DV1

OPERATOR CONTROL

- A new combined air inlet and air control valve with 12 x higher precision sensitivity for smoother air control.

TRANSFER EFFICIENCY

- Reduced air pressure resulting in improved spray pattern control, atomisation consistency and improved transfer efficiency.

CONSISTENT ATOMISATION

- The DV1 air caps, with advanced internal geometry, result in a perfectly balanced, consistent spray pattern for a perfect finish.



KEY BENEFITS

THE AIR CAPS

DESIGNED BY PROFESSIONALS, FOR PROFESSIONALS

The DV1 offers enhanced spray dynamics.

- Consistent particle size throughout the spray pattern for superior atomisation
- Accurate colour reproduction and flake lay – even with difficult highly pigmented silver basecoats
- Higher application speeds at lower air pressure = greater transfer efficiency
- DeVilbiss *Air Management Kinetics™* ensure the smoothest path possible for air to travel reducing noise and improving performance



KEY BENEFITS

THE AIR CAPS

- The DV1 is available with a choice of two advanced air caps - The DV1-B and DV1-B+. These new HVLP and HVLP 'Plus' air caps represent the next generation of atomisation performance.
- For typical HVLP applications the DV1-B is the perfect choice, delivering atomisation like no other DeVilbiss air cap.
- For high efficiency air cap performance at low pressure the DV1-B+ delivers performance equivalent to today's 'High Efficiency' air caps



KEY BENEFITS

THE FLUID TIPS

INNOVATIVE LEVELS OF PERFORMANCE

- Redesigned fluid tips using our unique *Laminar Flow Architecture™*
- Smooth laminar path for fluid to travel results in faster application rates, more stable flow rates and consistent performance, particularly with the latest, very low viscosity materials
- More stable, primary atomisation zone significantly reduces the turbulent energy at the tip = improved efficiency, greater control and significant material savings
- 'Right first time' performance - Reduction in mottling / clouding
- Available in 3 sizes – 1.1, 1.2 & 1.3



KEY BENEFITS

THE ERGONOMICS

- The fit and feel of DeVilbiss spray guns are legendary.
- The DV1 employs the latest generation ergonomics and lightweight materials for maximum comfort and minimum fatigue
- Clever design makes the DV1 simple to use, but also easier to clean.
- Quick to remove components and low maintenance, which results in time savings - Critical in business.
- Everything is made to last. Even down to the PTFE coated springs. So, there's no need to keep changing parts. You can focus on the job in hand.

