

VIPER - The automatic spray gun for the Glaze and Ceramics industries.

DeVilbiss VIPER, purpose made for the tough working conditions in the Glaze & Ceramics industries. The Gun uses the latest advances in atomising technology to provide customers with a cost effective air atomising automatic spraygun with many unique features and benefits.

Patented **“Quick Up”** system provides fast & easy disassembly of the Air Cap and Fluid Tip which dramatically reduces production downtime. The working parts of the Gun can be completely stripped in seconds without the use of Tools.

Patented **“Bellows”** system protects the Needle and needle packing which extends the spray gun operating life cycle.

Control of Spray Performance and fluid flow is unequalled due to the Fluid adjusting knob with 18 indexing positions.

VIPER is an Innovative Automatic Spray Gun for the Ceramics industry, ideally suited for Sanitaryware, Tableware, Ceramic Tiles and applying Vitreous Enamel to many household electrical appliances.

Conventional and Trans-Tech “Compliant” air caps provide excellent atomisation and even deposition to reduce rejects with high flow rates with repeatable accuracy on high production processes.



Viper
by DEVILBISS

The needle virtually never needs to be replaced

- Easy and fast cleaning is provided by the unique and instant 1/4 turn air cap and fluid tip removal system (“Quick Up” patent).
- Patented **“Bellows”** assembly protects and reduces spray gun maintenance.
- Trans-Tech and Conventional air cap range for higher transfer efficiency and durability.
 - Exceptional finishing quality.
 - Long life with extended serviceability.
- Wide range of Stainless Steel (hardened) fluid tips for all Glaze & Ceramic applications.
- One piece needle with composite tip, dramatically prolongs working life cycle.

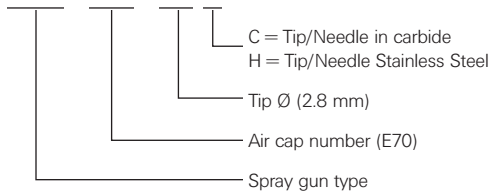


E31 Air Cap (Trans-Tech) is designed for small to medium fluid flow rate applications with Stainless steel hardened fluid tips. The E31 Trans-Tech Air Cap is fully compliant with European Environmental Legislation and is designed to produce the best transfer efficiencies and material savings.

E63 and E70 Air Caps (Conventional) are designed for higher fluid flow rates for use on Sanitaryware and Ceramic Tiles etc.

Model Part Number

VPR - E70 - 28 C



Instant 1/4 turn air cap removal system



Instant 1/4 turn fluid tip removal system



"Bellows System"

VIPER part number examples : VPR-E31-18 VPR = VIPER / E31 = Trans-Tech air cap / 18 = 1.8mm fluid tip

VIPER air cap and type part number	Air consumption	Air inlet pressure bar (psi) recommended	Fluid flow ml	Fan pattern size mm
E31 (Trans-Tech)	340 l/min (12 scfm)	2.5 bar (36 psi)	100-600	300
E63 (Conventional)	450 l/min (16 scfm)	3.5 bar (51 psi)	600-900	300
E70 (Conventional)	540 l/min (19 scfm)	4.0 bar (58 psi)	>700	450

VIPER Air Cap	Tip size 0.7 mm	Tip size 0.85 mm	Tip size 1.2 mm	Tip size 1.4 mm	Tip size 1.6 mm	Tip size 1.8 mm	Tip size 2.0 mm	Tip size 2.2 mm	Tip size 2.8 mm	Technology
E31	H & S	H & S	H & S	H & S	H & S	H & S	H & S			Trans-Tech
E63						H & S	H & S			Conventional
E70								H & C	H & C	Conventional

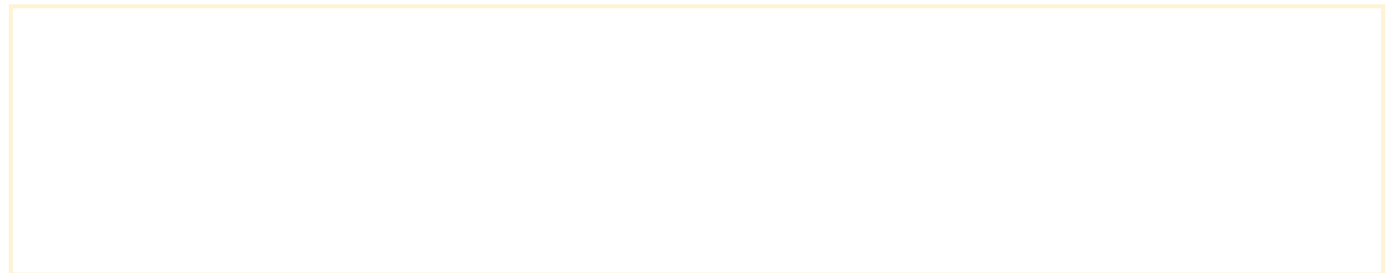
C = Tungsten Carbide H = Hardened Stainless Steel S = Stainless Steel

Specification

Fan and atomizing air connection	1/4 BSP female
Operating air connection	1/8 BSP female
Fluid connection	1/4 BSP female
Air and Fluid Maximum Pressure	7 bar (102 psi)

Gun weight: 620g • Length: 120mm • Width: 45mm • Height: 63mm

VIPER is recommended for waterborne material only **For further technical information please refer to the Viper Service Bulletin**



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