



## DeVilbiss® PROLite®

### Basecoat/Clearcoat Professional Spray Gun

**Delivering high-performance application of waterborne and solventborne refinish paints and coatings**

The *DeVilbiss* PROLite spray gun delivers exceptional performance and color matching capabilities for today's automotive refinish coatings that can be difficult to atomize, such as low VOC, high solids, pearls or metallic materials.

This PROLite performance is achieved utilizing high-capacity air passages and a linear air valve to provide even and unrestricted flow of compressed air through the gun body, producing superior atomization with consistent droplet distribution throughout the entire spray pattern.

PROLite is precision-built using the highest quality component materials for a longer working life in all professional spray environments. The drop-forged aluminum body, anodized finish, high-grade stainless steel fluid nozzles and needles, and nickel plated brass air caps all contribute to a gun that will last in the most extreme environments. When routine maintenance is needed, the PROLite's easy-to-maintain design ensures minimum production downtime. In approval testing with paint company technicians over the last decade, the PROLite has consistently met the highest color match standards to ensure that you get the job done right — the first time and every time.

#### FEATURES & BENEFITS

- Lightweight design delivers a uniform spray pattern and atomization distribution for an exceptional quality finish that professional painters demand
- Range of advanced air cap technologies for excellent application performance with the latest waterborne and solventborne coatings
- Ergonomic handle design with reduced trigger travel to decrease operator fatigue
- Environmental legislation-compliant atomization with high transfer efficiency resulting in significant paint savings
- Drop-forged aluminum, anodized gun body with removable air baffle for a longer working life

#### APPLICATIONS



Basecoat



Clearcoat

**Contact your sales representative to place your order today.**

**PROLite**

## Specifications

|                                           |                         |
|-------------------------------------------|-------------------------|
| <b>Weight (gun only)</b>                  | 445g                    |
| <b>Gun Body</b>                           | Anodized Aluminum       |
| <b>Air Cap</b>                            | Plated Brass            |
| <b>Air Cap Retaining Ring &amp; Knobs</b> | Clear Anodized Aluminum |
| <b>Fluid Nozzle</b>                       | Stainless Steel         |
| <b>Fluid Needle</b>                       | Stainless Steel         |
| <b>Air Inlet Thread</b>                   | 1/4" Universal          |
| <b>Service Bulletin</b>                   | SB-E-2-996              |

## Top Assembly Part Numbers

| Part Number   | Description                                    | Air Cap     | Nozzle Size         | Material Cup    | Gauge   |
|---------------|------------------------------------------------|-------------|---------------------|-----------------|---------|
| <b>905038</b> | PROLite Gravity HVLP Gun Kit                   | HV30        | 1.2mm, 1.3mm        | -               | HAV-555 |
| <b>905039</b> | PROLite Gravity HVLP Gun Kit                   | HV30        | 1.3mm, 1.4mm        | -               | HAV-555 |
| <b>905040</b> | PROLite Gravity HVLP Gun Kit                   | HV30        | 1.2mm, 1.3mm        | 900ml, Aluminum | HAV-555 |
| <b>905041</b> | PROLite Gravity HVLP Gun Kit                   | HV30        | 1.3mm, 1.4mm        | 900ml, Aluminum | HAV-555 |
| <b>905042</b> | PROLite Gravity HVLP & High Efficiency Gun Kit | TE20 & HV30 | 1.3mm, 1.4mm, 1.5mm | -               | HAV-555 |
| <b>905043</b> | PROLite Gravity High Efficiency Gun Kit        | TE10 & TE20 | 1.2mm, 1.3mm, 1.4mm | 900ml, Aluminum | HAV-555 |
| <b>905044</b> | PROLite Gravity High Efficiency Gun Kit        | TE10 & TE20 | 1.2mm, 1.3mm, 1.4mm | -               | HAV-555 |
| <b>905045</b> | PROLite Gravity High Efficiency & HVLP Gun Kit | TE25 & HV30 | 1.2mm, 1.3mm, 1.4mm | -               | HAV-555 |

## Air Cap Offerings



| Air Cap     | Atomization Type | Applications          | Recommended Inlet Pressures |          | Max Air Consumption |      | Fan Pattern Size |         | Nozzle Sizes |
|-------------|------------------|-----------------------|-----------------------------|----------|---------------------|------|------------------|---------|--------------|
|             |                  |                       | PSI                         | BAR      | SCFM                | SLPM | in               | mm      |              |
| <b>TE10</b> | High Efficiency  | Basecoats, Clearcoats | 20-35                       | 1.4-2.4  | 10.9                | 310  | 11.0-12.0        | 285-300 | 1.1mm-1.5mm  |
| <b>TE20</b> | High Efficiency  | Basecoats, Clearcoats | 16-26                       | 1.1-1.8  | 12.0                | 340  | 11.0-11.5        | 275-290 | 1.1mm-1.5mm  |
| <b>TE25</b> | High Efficiency  | Clearcoats            | 22-29                       | 1.5-2.0  | 12.4                | 350  | 10.5-11.0        | 270-285 | 1.1mm-1.5mm  |
| <b>T110</b> | High Efficiency  | Basecoats, Clearcoats | 22-29                       | 1.5-2.0  | 9.4                 | 265  | 11.0-12.0        | 285-300 | 1.1mm-1.5mm  |
| <b>HV30</b> | HVLP             | Basecoats, Clearcoats | 14-25                       | 1.0-1.75 | 15.5                | 440  | 11.5-12.5        | 290-315 | 1.1mm-1.5mm  |

Refer to [autorefinishdevilbiss.com](http://autorefinishdevilbiss.com) for a complete listing of approved areas and requirements for regulatory compliance.

## Table 1: Parts & Accessories

| Part Number   | Description                               | Part Number   | Description                                                               | Part Number   | Description                                               |
|---------------|-------------------------------------------|---------------|---------------------------------------------------------------------------|---------------|-----------------------------------------------------------|
| <b>905240</b> | TE10 Air Cap Assembly with Retaining Ring | <b>905246</b> | 1.1mm Fluid Nozzle                                                        | <b>704307</b> | DGI Pro Gauge for Spreader Valve Assembly (PSI readout)   |
| <b>905241</b> | TE20 Air Cap Assembly with Retaining Ring | <b>905247</b> | 1.2mm Fluid Nozzle                                                        | <b>803291</b> | HAV-555 - Air Inlet Adjustment Valve with Digital Readout |
| <b>905242</b> | TE25 Air Cap Assembly with Retaining Ring | <b>905248</b> | 1.3mm Fluid Nozzle                                                        | <b>180006</b> | HAV-501 - Air Inlet Adjustment Valve with Analog Readout  |
| <b>905245</b> | T110 Air Cap Assembly with Retaining Ring | <b>905249</b> | 1.4mm Fluid Nozzle                                                        | <b>905204</b> | Acetal Gravity Cup - 560ml                                |
| <b>905238</b> | HV30 Air Cap Assembly with Retaining Ring | <b>905250</b> | 1.5mm Fluid Nozzle                                                        | <b>702576</b> | Aluminum Gravity Cup - 900ml                              |
|               |                                           | <b>905266</b> | PROLite Gravity Fluid Needle                                              | <b>802200</b> | DPC-43 - DeKups® Adaptor                                  |
|               |                                           | <b>905281</b> | Spray Gun Service/Repair Kit                                              | <b>803750</b> | SNF-43 - SNAP N FLOW™ Adaptor                             |
|               |                                           | <b>905206</b> | Seal & Pin Kit                                                            |               |                                                           |
|               |                                           | <b>905296</b> | Gun Wrench, Torx & Flat Back Screwdriver, Cleaning Brush & Color ID Rings |               |                                                           |

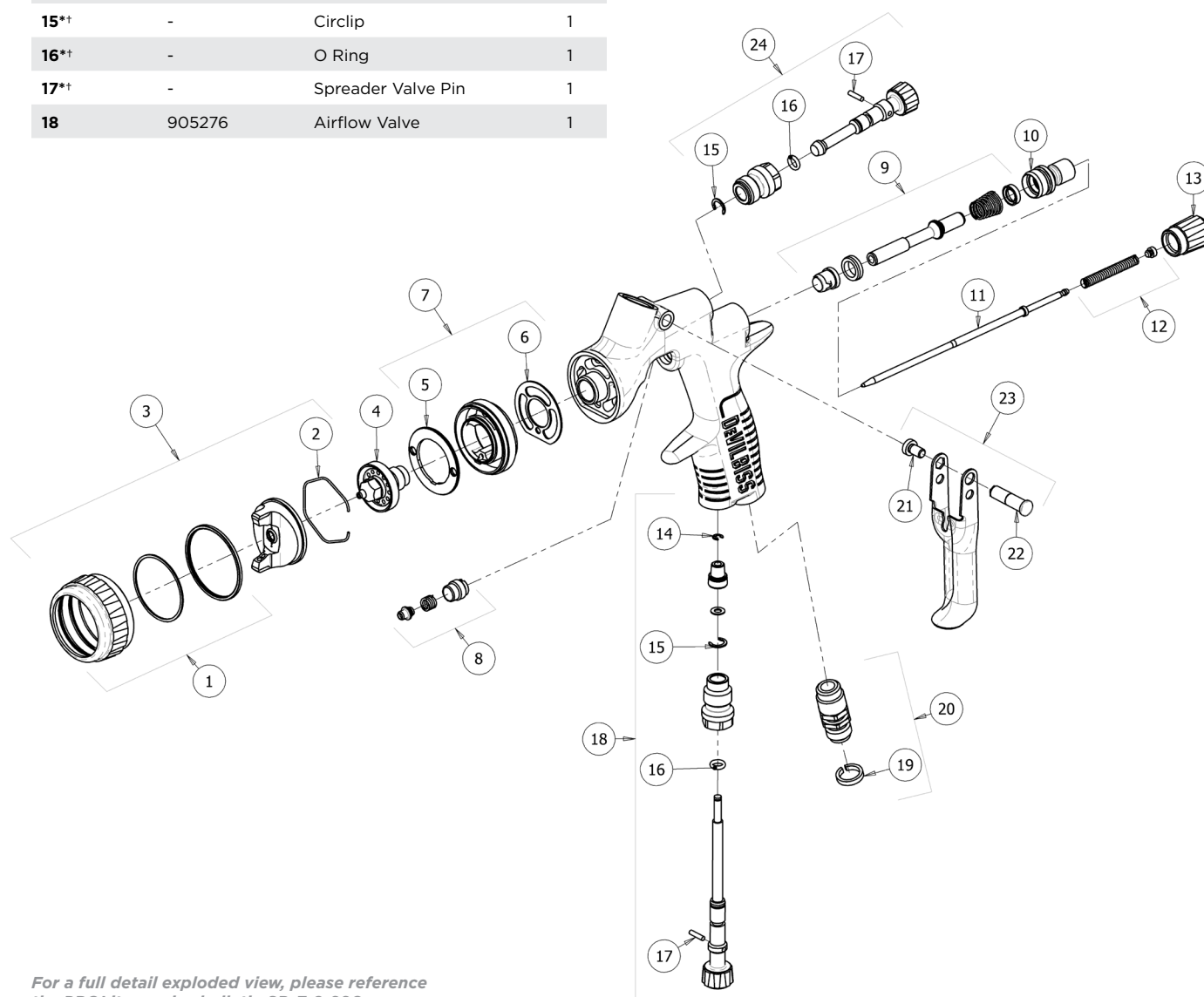
## DeVilbiss® PROLite Exploded Reference Legend

| Reference | Part Number | Description                       | QTY |
|-----------|-------------|-----------------------------------|-----|
| 1         | 905280      | Retaining Ring Sub Assembly       | 1   |
| 2         | 905208      | Spring Clip (kit of 5)            | 1   |
| 3         | See Table 1 | Air Cap & Retaining Ring          | 1   |
| 4         | See Table 1 | Fluid Nozzle                      | 1   |
| 5         | 905297      | Baffle Plate                      | 1   |
| 6*        | 905287      | Gasket (kit of 2)                 | 1   |
| 7         | 905303      | Spray Head Kit                    | 1   |
| 8*        | 905294      | Packing, Spring & Packing Nut Kit | 1   |
| 9         | 905282      | Air Valve Assembly                | 1   |
| 10        | 905301      | Air Valve Body                    | 1   |
| 11        | 905266      | Fluid Needle                      | 1   |
| 12*       | 905283      | Needle Spring Kit                 | 1   |
| 13        | 905302      | Fluid Adjusting Knob              | 1   |
| 14        | 905200      | Circlip (kit of 5)                | 1   |
| 15*†      | -           | Circlip                           | 1   |
| 16*†      | -           | O Ring                            | 1   |
| 17*†      | -           | Spreader Valve Pin                | 1   |
| 18        | 905276      | Airflow Valve                     | 1   |

| Reference | Part Number | Description                  | QTY |
|-----------|-------------|------------------------------|-----|
| 19        | 905289      | Color ID Ring Kit (4 colors) | 1   |
| 20        | 905305      | Air Inlet                    | 1   |
| 21*       | -           | Trigger Screw                | 1   |
| 22*       | -           | Trigger Stud                 | 1   |
| 23        | 905306      | Trigger, Stud & Screw Kit    | 1   |
| 24        | 905275      | Spreader Valve Assembly      | 1   |

\* 905281 - Spray Gun Repair Kit contains all the parts indicated with an asterisk

† 905206 - Seal & Pin Kit, kit of 5 (Items 15, 16, & 17)



For a full detail exploded view, please reference the PROLite service bulletin SB-E-2-996.

# Innovation *Applied*

## The brands you trust

*DeVilbiss*® Automotive Refinishing is a Carlisle Fluid Technologies brand featuring renowned *DeVilbiss*® fit, feel and balance combined with exceptional performance. *DeVilbiss*® brand products include low-pressure manual and automatic spray guns and related accessories, including air filter reducing valves and regulators, and hoses.

Carlisle Fluid Technologies, a wholly-owned subsidiary of Carlisle Companies Incorporated, is dedicated to providing customers industry-leading solutions for the supply, control, application and curing of a wide range of paints, powders, sealants, adhesives, foams and other application materials. Focused on efficient, cost-effective global solutions for the transportation and other industrial markets, the company offers an expanding collection of pioneering product brands — *DeVilbiss*®, *Ransburg*®, *ms*®, *BGK*®, *Binks*® and *Hosco*®.

## 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 or call us today.



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