



DeVilbiss® PROLite®

Pressure & Suction Feed Professional Spray Gun

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

Perfect for any climate and paint, the *DeVilbiss* PROLite spray gun delivers exceptional performance and color match 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 unrestricted, even flow of compressed air through the gun body, enabling the precision-engineered air caps to produce superior atomization with consistent droplet distribution throughout the entire spray pattern.

PROLite is precision built using the highest quality materials for a longer working life. The forged aluminum body features QuickClean™ coating with non-stick properties that reduce clean up time. The high-grade stainless steel fluid nozzles and needles, plus nickel plated brass air caps all contribute to a gun that will last in the most extreme professional spray environments. When routine maintenance is needed, the 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, ensuring that you get the job done right — the first time and every time.

FEATURES & BENEFITS

- Lightweight and comfortable handle design with reduced trigger travel to decrease operator fatigue
- Uniform atomization and spray pattern for ease of application
- Advanced range of air cap technology for exceptional application performance with the latest waterborne and solventborne coatings
- Environmental legislation-compliant atomization with high transfer efficiency resulting in significant paint savings
- Forged aluminum gun body with unique QuickClean™ coating and a removable air baffle for a longer working life

APPLICATIONS



Contact your sales representative to place your order today.

Specifications

Weight (gun only)
500g

Gun Body
Anodized QuickClean™
Aluminum

Air Cap
Plated Brass

Air Cap Retaining Ring & Knobs
Clear Anodized Aluminum

Fluid Nozzle
Stainless Steel

Fluid Needle
Stainless Steel

Air Inlet Thread
1/4" Universal

Service Bulletin
SB-E-2-997

Top Assembly Part Numbers

Part Number	Description	Air Cap	Nozzle Size	Material Cup	Material Feed
905100	PROLite Pressure Conventional Gun Kit	C86	0.85mm	-	Pressure
905101	PROLite Pressure Conventional Gun Kit	C86	1.0mm	-	Pressure
905102	PROLite Pressure Conventional Gun Kit	C86	1.2mm	-	Pressure
905103	PROLite Pressure Conventional Gun Kit	C86	1.4mm	-	Pressure
905104	PROLite Pressure Conventional Gun Kit	C86	1.6mm	-	Pressure
905105	PROLite Pressure Conventional Gun Kit	C86	1.8mm	-	Pressure
905106	PROLite Pressure Conventional Gun Kit	C30	0.85mm	-	Pressure
905107	PROLite Pressure Conventional Gun Kit	C30	1.0mm	-	Pressure
905108	PROLite Pressure Conventional Gun Kit	C30	1.2mm	-	Pressure
905109	PROLite Pressure Conventional Gun Kit	C30	1.4mm	-	Pressure
905110	PROLite Pressure Conventional Gun Kit	C30	1.6mm	-	Pressure
905111	PROLite Pressure Conventional Gun Kit	C30	1.8mm	-	Pressure
905112	PROLite Pressure Conventional Gun Kit	C797	0.85mm	-	Pressure
905113	PROLite Pressure Conventional Gun Kit	C797	1.0mm	-	Pressure
905114	PROLite Pressure Conventional Gun Kit	C797	1.2mm	-	Pressure
905115	PROLite Pressure Conventional Gun Kit	C797	1.4mm	-	Pressure
905116	PROLite Pressure Conventional Gun Kit	C797	1.6mm	-	Pressure
905117	PROLite Pressure Conventional Gun Kit	C797	1.8mm	-	Pressure
905141	PROLite Pressure HVLP Gun Kit	HV30	1.2mm	-	Pressure
905142	PROLite Pressure High Efficiency Gun Kit	T110	0.85mm, 1.0mm	-	Pressure
905143	PROLite Pressure High Efficiency Gun Kit	T110	1.2mm, 1.4mm	-	Pressure
905144	PROLite Pressure High Efficiency Gun Kit	T110	1.6mm, 1.8mm	-	Pressure
905145	PROLite Pressure High Efficiency Gun Kit	TE10	0.85mm, 1.0mm	-	Pressure
905146	PROLite Pressure High Efficiency Gun Kit	TE10	1.2mm, 1.4mm	-	Pressure
905147	PROLite Pressure High Efficiency Gun Kit	TE10	1.6mm, 1.8mm	-	Pressure
905148	PROLite Pressure High Efficiency Gun Kit	TE20	0.85mm, 1.0mm	-	Pressure
905149	PROLite Pressure High Efficiency Gun Kit	TE20	1.2mm, 1.4mm	-	Pressure
905150	PROLite Pressure High Efficiency Gun Kit	TE20	1.6mm, 1.8mm	-	Pressure
905151	PROLite Pressure High Efficiency Gun Kit	TE30	0.85mm, 1.0mm	-	Pressure
905152	PROLite Pressure High Efficiency Gun Kit	TE30	1.2mm, 1.4mm	-	Pressure
905153	PROLite Pressure High Efficiency Gun Kit	TE30	1.8mm	-	Pressure
905154	PROLite Pressure High Efficiency Gun Kit	TE40	0.85mm, 1.0mm	-	Pressure
905155	PROLite Pressure High Efficiency Gun Kit	TE10	1.2mm, 1.4mm	-	Pressure
905156	PROLite Pressure High Efficiency Gun Kit	TE40	1.6mm, 1.8mm	-	Pressure
905118	PROLite Suction Conventional Gun Kit	C86	1.4mm	1L, Aluminum Cup	Suction
905119	PROLite Suction Conventional Gun Kit	C86	1.6mm	1L, Aluminum Cup	Suction
905120	PROLite Suction Conventional Gun Kit	C86	1.8mm	1L, Aluminum Cup	Suction
905121	PROLite Suction Conventional Gun Kit	C30	1.4mm	1L, Aluminum Cup	Suction
905122	PROLite Suction Conventional Gun Kit	C30	1.6mm	1L, Aluminum Cup	Suction
905123	PROLite Suction Conventional Gun Kit	C30	1.8mm	1L, Aluminum Cup	Suction
905157	PROLite Suction HVLP Gun Kit	HV30	1.6mm, 1.8mm, 2.0mm	1L, Aluminum Cup	Suction
905158	PROLite Suction High Efficiency Gun Kit	T110	1.6mm, 1.8mm, 2.0mm	1L, Aluminum Cup	Suction
905159	PROLite Suction High Efficiency Gun Kit	TE10	1.6mm, 1.8mm, 2.0mm	1L, Aluminum Cup	Suction
905160	PROLite Suction High Efficiency Gun Kit	TE20	1.6mm, 1.8mm, 2.0mm	1L, Aluminum Cup	Suction

Air Cap Offerings



Air Cap	Atomization Type	Applications	Recommended Inlet Pressures		Max Air Consumption		Fan Pattern Size		Nozzle Sizes	
			BAR	PSI	SLPM	SCFM	mm	in	Pressure Feed	Suction Feed
TE30	High Efficiency	Multi Purpose	1.0-2.0	15-29	360	12.7	275-290	10.5-11.5	0.85mm-1.8mm	-
TE40	High Efficiency	Multi Purpose	2.0-3.0	29-44	340	12.0	330-420	13.0-16.5	0.85mm-1.8mm	-
C797	Conventional	Multi Purpose	2.0-3.0	29-44	410	14.5	330-420	13.0-16.5	0.85mm-1.8mm	-
HV30	HVLP	Multi Purpose	1.0-1.75	15-25	440	15.5	290-315	11.5-12.5	0.85mm-1.8mm	1.6mm-2.0mm (PRO-200s)
TE10	High Efficiency	Multi Purpose	1.0-2.0	15-29	270	9.5	285-300	11.0-12.0	0.85mm-1.8mm	1.6mm-2.0mm (PRO-200s)
TE20	High Efficiency	Multi Purpose	1.0-2.0	15-29	340	12.0	275-290	10.5-11.5	0.85mm-1.8mm	1.6mm-2.0mm (PRO-200s)
T110	High Efficiency	Multi Purpose	1.0-2.0	15-29	265	9.4	285-300	11.0-12.0	0.85mm-1.8mm	1.6mm-2.0mm (PRO-200s)
C30	Conventional	Multi Purpose	2.0-4.0	29-58	305	10.8	240-265	9.5-10.5	0.85mm-1.8mm	1.4mm-1.8mm
C86	Conventional	Multi Purpose	2.0-3.0	29-44	300	10.6	275-290	10.5-11.5	0.85mm-1.8mm	1.4mm-1.8mm

* Pressure Feed Only

Table 1: Parts & Accessories

Part Number	Description	Part Number	Description
905243	TE30 Air Cap Assembly with Retaining Ring		PROC-245 Nozzles - Pressure & Suction Feed (C797, C86 & C30 Air Caps)
905244	TE40 Air Cap Assembly with Retaining Ring		
905234	C797 Air Cap Assembly with Retaining Ring	905220	0.85mm Conventional Pressure & Suction Fluid Nozzle
905238	HV30 Air Cap Assembly with Retaining Ring	905221	1.0mm Conventional Pressure & Suction Fluid Nozzle
905240	TE10 Air Cap Assembly with Retaining Ring	905222	1.2mm Conventional Pressure & Suction Fluid Nozzle
905241	TE20 Air Cap Assembly with Retaining Ring	905223	1.4mm Conventional Pressure & Suction Fluid Nozzle
905245	T110 Air Cap Assembly with Retaining Ring	905224	1.6mm Conventional Pressure & Suction Fluid Nozzle
905231	C30 Air Cap Assembly with Retaining Ring	905225	1.8mm Conventional Pressure & Suction Fluid Nozzle
905235	C86 Air Cap Assembly with Retaining Ring		PRO-205 Nozzles - Pressure Feed (TE10, TE20, TE30, TE40, T110 & HV30 Air Caps)
905270	PROLite P/S Fluid Needle for 0.85 & 1.0mm Nozzles	905256	0.85mm HE/HVLP Pressure Fluid Nozzle
905271	PROLite P/S Fluid Needle for 1.2 & 1.4mm Nozzles	905257	1.0mm HE/HVLP Pressure Fluid Nozzle
905272	PROLite P/S Fluid Needle for 1.6 & 1.8mm Nozzles	905259	1.2mm HE/HVLP Pressure Fluid Nozzle
905274	PROLite P/S Fluid Needle for 1.6, 1.8 & 2.0mm Suction Feed PRO-200s	905261	1.4mm HE/HVLP Pressure Fluid Nozzle
905281	Spray Gun Service/Repair Kit	905263	1.6mm HE/HVLP Pressure Fluid Nozzle
905206	Seal & Pin Kit	905264	1.8mm HE/HVLP Pressure Fluid Nozzle
905296	Gun Wrench, Torx & Flat Back Screwdriver, Cleaning Brush & Color ID Rings		PRO-200 Nozzles - Suction Feed (TE10, TE20, T110 & HV30 Air Caps)
905353	Suction Cup & Lid Assembly	905251	1.6mm HE/HVLP Suction Fluid Nozzle
		905252	1.8mm HE/HVLP Suction Fluid Nozzle
		905253	2.0mm HE/HVLP Suction Fluid Nozzle

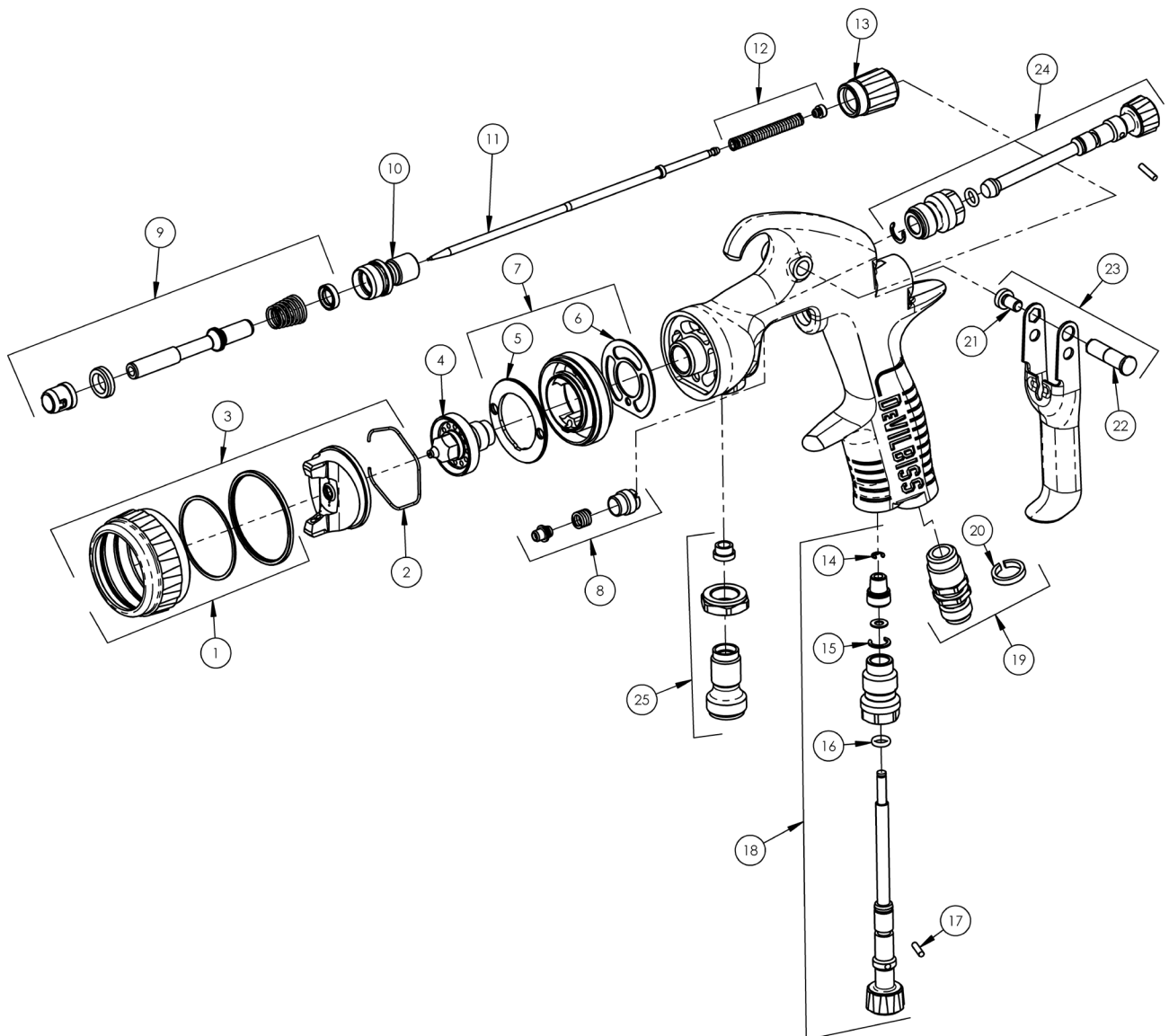
DeVilbiss® PROLite Exploded Reference Legend

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	See Table 1	Fluid Needle	1
12*	905283	Needle Spring Kit	1
13	905302	Fluid Adjusting Knob	1

Reference	Part Number	Description	QTY
14	905000	Circlip (kit of 5)	1
15*†	-	Circlip	1
16*†	-	O Ring	1
17*†	-	Spreader Valve Pin	1
18	905276	Airflow Valve	1
19	905305	Air Inlet	1
20	905289	Color ID Ring Kit (4 colors)	1
21*	-	Trigger Screw	1
22*	-	Trigger Stud	1
23	905306	Trigger, Stud & Screw Kit	1
24	905275	Spreader Valve Assembly	1
25	905001	Fluid Inlet Kit	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-2-997

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.

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Let's start a conversation

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