

Compact™

by DEVILBISS®

PERFORMANCE SERIES



Feel the Comfort Spray the Difference



TRANS-TECH™, HVLP & CONVENTIONAL
ADVANCED TECHNOLOGIES FOR THE
OPTIMAL MIX OF PERFORMANCE,
ERGONOMICS & EFFICIENCY

just as your business evolves to meet today's challenges...

DeVilbiss Spray Technology has advanced again

Coatings, regulations, employee safety, environmental awareness...the challenges to your business and bottom line never end.

In 1907, DeVilbiss first began setting the industry standards for liquid coating applications. Today, as the global leader in fine atomization, DeVilbiss continues product development upgrades to push the boundaries of spray finishing technology with the advanced breakthroughs in our new Compact™ Performance Series.

Designed for Superior Finish Performance

- Compact's design results in a laminar, or streamlined, flow of air allowing for efficient and effective atomization
- Using Computational Fluid Dynamics (CFD), the air flow in the new Compact Spray Gun is modeled to reduce turbulence and enhance the atomization process
- Compact provides a superior finish with the highest transfer efficiency rates

Built for Ergonomic Comfort, Energy Savings and Environmental Responsibility

- Small and lightweight reducing operator fatigue
- New curved handle for operator comfort
- Increased finger space for easy access
- Reduced trigger tension increasing operator comfort
- Lower air consumption and pressures
- Easy to clean with fewer parts
- Handles solvent and waterborne materials including high solids and 2k

Smaller Gun ... Bigger Payback

Get your hands on the Compact Gun designed by you!

- a BRASS AIR CAPS, STAINLESS FLUID TIPS AND NEEDLES**
Superior atomization and universal compatibility with ALL industrial spray coatings
- b WIDER HOOK OPENING 1/2" (12 mm)**
- c ULTRA LIGHTWEIGHT ERGONOMIC DESIGN**
Lighter than major competitors at only 14.6 oz (412g)
- d GUN CONTROLS** Easy adjustment for precise control of fluid output and air atomization
- e CURVED HANDLE DESIGN** Provides superior operator fit and feel with reduced RSi and operator fatigue
- f 1/4" AIR INLET** BSP and NPS compatible
- g FORGED ALUMINUM ALLOY GUN BODY** Heavily anodized for ruggedness and long working life
- h INCREASED "FINGER" SPACE** Easier operator access
- i CONCENTRIC AIR VALVE DESIGN AROUND FLUID NEEDLE**
Reduces parts, weight and facilitates easier cleaning
- j COMFORTABLE OPERATOR FRIENDLY TRIGGER DESIGN**
With reduced trigger travel, from air on to fully open
- k LIGHTER TRIGGER PULL TENSION** Decreased RSi and operator fatigue
- l ENHANCED NEEDLE PACKING ASSEMBLY** Adjustable
- m STAINLESS STEEL 3/8" FLUID INLET**
BSP and NPS compatible; minimal paint volume in passages
- n NO BAFFLE DESIGN** Reduced number of parts lowers weight and makes cleaning easier



"The Compact Trans-Tech spray gun is **qualified for use in the South Coast Air Quality Management District (SQAMD)** under Rule 1136 for Wood Products Coatings based on the exemption in Rule 1136(l)(8)(A) when using compliant coating materials."

TRANS-TECH™, HVLP & CONVENTIONAL ADVANCED TECHNOLOGIES FOR THE OPTIMAL MIX OF PERFORMANCE, ERGONOMICS & EFFICIENCY

Trans-Tech™

Green Means Maximum Efficiency with Environmental Responsibility

- Superior atomization with the new DeVilbiss **TRANSFER-TECHNOLOGY**.
- Exceptionally efficient material transfer for optimum coverage and paint usage.
- Reduced air consumption lowers your electrical needs and energy costs.
- The highest atomization levels at an accelerated application rate of up to 600cc/min.



Compatible Compact Air Caps:

	AIR CONSUMPTION	*TYPICAL FAN PATTERN
COM-510	10 scfm (283 l/min)	7.9" (220 mm)
COM-513	14.1 scfm (394 l/min)	13.8" (350 mm)
COM-522	14.5 scfm (410 l/min)	13.8" (350 mm)

Air Cap, Needle and Fluid Tip Combinations	Siphon Gun	Gravity Gun	Pressure Gun	Pressure Assist
Fluid Tip/Needle Size	.033" (.85 mm)		■	
	.039" (1.0 mm)		■	
	.055" (1.4 mm)		■	■
	.070" (1.8 mm)	■	■	■
	.086" (2.2 mm)	■	■	■
Air Cap Codes	COM-510	■	■	■
	COM-513	■	■	■
	COM-522		■	■

HVLP

Blue Maintains Regulatory Compliance

- Maintains EPA compliance and produces a superb finish.
- Handles all types of solvent and waterborne materials.
- The highest performance is coupled with a gun body light in weight and designed for operator comfort to increase productivity.

Compatible Compact Air Caps:

	AIR CONSUMPTION	*TYPICAL FAN PATTERN
COM-506	12.2 scfm (345 l/min)	11.8" (300 mm)
COM-507	17.3 scfm (490 l/min)	15.7" (400 mm)



Air Cap, Needle and Fluid Tip Combinations	Siphon Gun	Gravity Gun	Pressure Gun	Pressure Assist
Fluid Tip/Needle Size	.033" (.85 mm)		■	
	.039" (1.0 mm)		■	
	.055" (1.4 mm)		■	■
	.070" (1.8 mm)	■	■	■
	.086" (2.2 mm)	■	■	■
Air Cap Codes	COM-506		■	■
	COM-507	■	■	■

Advanced Conventional

Silver Outperforms the Competition

- A high capacity airflow and outstanding atomization produces a superior result.
- The ideal performer in both small operations or high volume facilities.

Compatible Compact Air Caps:

	AIR CONSUMPTION	*TYPICAL FAN PATTERN
COM-430	12 scfm (339 l/min)	7.9" (200 mm)
COM-497	18 scfm (510 l/min)	13.8" (350 mm)






Air Cap, Needle and Fluid Tip Combinations	Siphon Gun	Gravity Gun	Pressure Gun	Pressure Assist
Fluid Tip/Needle Size	.039" (1.0 mm)		■	
	.055" (1.4 mm)		■	■
	.070" (1.8 mm)	■	■	■
	.086" (2.2 mm)	■	■	■
Air Cap Codes	COM-430	■	■	■
	COM-497		■	■

*Fan size will vary according to viscosity and pressures used.




Compact Gun Selection

TECHNOLOGY

	Trans-Tech (Green):	Energy and transfer efficient, along with superior atomization.
	HVLP (Blue):	When HVLP is required by a regulatory agency, and quality atomization and high transfer efficiency are desired.
	Conventional (Silver):	Traditional atomization technology, where energy and transfer efficiency are not priorities. Superior atomization.

FLUID TIP / NEEDLE SIZE

The following setups are recommended to produce optimum results for a wide range of applications.

	Siphon:	.070" (1.8 mm), .086" (2.2 mm)
	Gravity:	.055" (1.4 mm), .070" (1.8 mm)
	Pressure:	.033" (.85 mm), .039" (1.0 mm), .055" (1.4 mm), .070" (1.8 mm), .086" (2.2 mm)

ORDERING CODE GUIDE

COM-PS507B-14-00

COM = Compact Gun

P = Pressure/Siphon Gun

G = Gravity Gun

S = S.S. Insert

507 = 507 Air Cap

B = HVLP Blue

G = Trans-Tech Green

No Letter = Conventional

14 = 1.4 mm Fluid Tip/Needle

- = Stainless Steel Needle

P = Plastic Needle

00 = No Cup

01 = Alum. Siphon Cup 1 qt

Includes: Part Number TGC-545

02 = Alum. Gravity Cup 1 liter

Includes: Part Number GFC-502

03 = S.S. Pressure Assist Cup w/ Regulator Kit

Includes: Part Numbers TSC-591 and KK-4980

04 = Alum. Pressure Assist Cup w/ Regulator Kit

Includes: Part Number TGC-545 and KK-4980

05 = Acetal Gravity Cup 20 oz

Includes: Part Number GFC-501



www.devilbisscompact.com

Toll Free Technical Support

888-992-4657