



# Stellair ACE and Stellair™

## PRESSURE FEED AIR SPRAY GUNS

All-Star Ergonomics, Serviceability and Performance for Industrial Liquid Finishing



PROVEN QUALITY. LEADING TECHNOLOGY.



# When Painters Produce Stellar Results, Everyone Wins

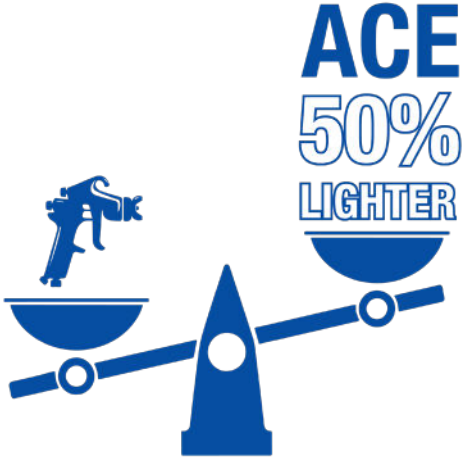
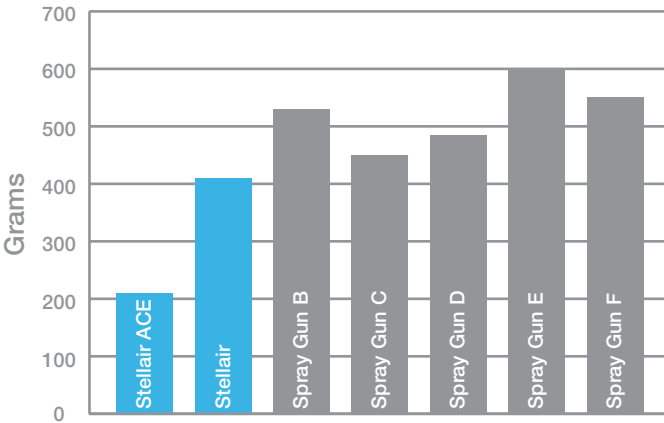
Stellair ACE and Stellair air spray guns set up industrial painters, service technicians and paint line managers for success with:

- Expert-approved ergonomics
- Speedy serviceability
- Industry leading spray performance

## Stellair ACE: 50 Percent Lighter!

Stellair ACE relieves stress injuries and fatigue with its durably unique carbon reinforced polymer construction.

The air spray gun weighs only 209 grams (7.4 ounces) – up to **50 percent lighter** than almost any other manual pressure feed sprayer.



Stellair ACE’s light weight amazes industrial painters.\*



“IT’S DEFINITELY REALLY LIGHT AND COMFORTABLE TO USE.”

“IT’S EASY TO USE AND MORE COMFORTABLE.”

“CRAZY LIGHT AND COMPACT!”

\*Comments made during and after testing by United States Ergonomics

# Expert-Approved Ergonomics

To make sure both Stellair ACE and Stellair give painters what they need to enjoy and excel at their jobs, Graco collaborated with United States Ergonomics.

As a result of extensive research and testing, Stellair ACE and Stellair became the industry's only paint sprayers to earn Ergonomics Performance Certification.



Testing shown involved spraying water during muscle effort monitoring by United States Ergonomics.



**Overall balance**  
relieves stress during extended use.

**Tactile adjust fluid knobs**  
are sized for easy turns.

**Composite trigger design**  
grips comfortably.

**Light trigger pull force**  
eases muscle strain.

**Hand and finger rests**  
relieve muscle strain with ledges  
on the trigger and gun body

**Handle shape and length**  
fit well in any size hand.



## Flexible and Lightweight Fluid and Air Hoses

Painters benefit from the ease of movement and low muscle stress of flexible and lightweight fluid and air hoses. Swivel and hose move with you at any angle.

- Both fluid and air hoses are available in various lengths.
- Six-foot (1.8 meters) whip hoses connect easily to longer lengths.

# Speedy Serviceability Improves Uptime

Whether you're a custom shop or high volume factory, Stellair ACE and Stellair increase uptime and decrease maintenance-related downtime for almost any industrial finishing application.

- **No-tool trigger removal** happens in only one push.
- **½ turn connect** easily removes air cap retaining ring.
- **One-piece fluid cartridge** quickly changes out for almost no maintenance related downtime.
- **Easy replacement two piece needle** increases uptime between service intervals.
- **Direct fluid path** flushes cleanly with little solvent, saving money on material and waste disposal.



No-tool trigger removal

## Stellair ACE

### No Tools Serviceability

Choose Stellair ACE for no-tool servicing with hand tightened hose connections and a fluid cartridge removal device built into the trigger.

- **Built-in fluid cartridge removal** uses the trigger hex to loosen the nozzle.
- **Hand-tightened fluid and air inlets** need no tools to attach or disconnect quick connect hoses.



Built-in fluid cartridge removal



Hand-tightened fluid and air inlets

## Stellair High Wear Model

To maintain production speed while spraying low VOC (volatile organic compound) and high solids coatings, choose Stellair's high wear model. Made to withstand abrasive material, these components extend the service life of the already durable Stellair air spray gun.

- **High solids air cap**
- **ELITE™ high wear packing**
- **Carbide needle**
- **Carbide nozzle tip**



# Stellair ACE Air Spray Guns

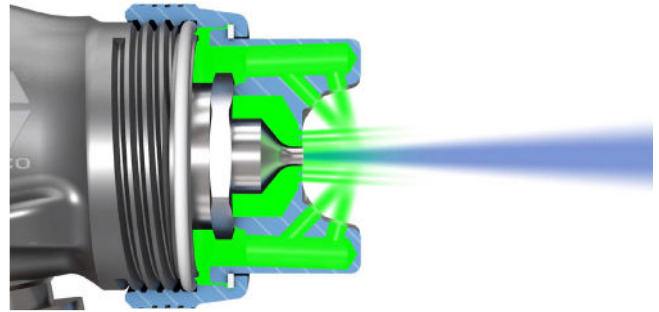
The ACE in Stellair ACE defines the industry leading performance the manual pressure feed applicator brings to metal, plastic, and wood finishing.

- **A** for atomization through one air cap that stays clean and delivers all-star results
- **C** for carbon reinforced construction that assures durability, while relieving stress injuries and fatigue
- **E** for ergonomics in not only the comfortable gun design, but also with a light trigger pull and swivel hoses that easily move with you

## One Air Cap for Clean Finish Quality

The Stellair ACE air cap delivers top atomization and cleanliness to both technologies.

- LVMP (low volume medium pressure) air spray reduces bounce back and overspray, while delivering high finish quality and transfer efficiency.
- HVLP (high volume low pressure) produces a controlled, low velocity spray pattern that reduces bounce back and overspray, while meeting environmental regulations.



## Ordering Options

Part Number	Description
2007267	Stellair ACE Air Spray Pressure Feed Gun, .030 in (.8 mm) Nozzle Size
2005971	Stellair ACE Air Spray Pressure Feed Gun, .042 in (1.1 mm) Nozzle Size
2005972	Stellair ACE Air Spray Pressure Feed Gun, .055 in (1.4 mm) Nozzle Size
2005973	Stellair ACE Air Spray Pressure Feed Gun, 0.70 in (1.8 mm) Nozzle Size
2005974	Stellair ACE Air Spray Gun with 6'(1.8m) Hose, .042 in (1.1 mm) Nozzle Size
2005975	Stellair ACE Air Spray Gun with 6'(1.8m) Hose, .055 in (1.4 mm) Nozzle Size
2005976	Stellair ACE Air Spray Gun with 6'(1.8m) Hose, .070 in (1.8 mm) Nozzle Size

Part Number	Description
2005139	Stellair ACE Quick Connect Air Whip Hose, 6 ft (1.8 m)
2005144	Stellair ACE Quick Connect Fluid Whip Hose, 6 ft (1.8 m)
2005140	Stellair ACE Quick Connect Air Hose, 25 ft (7.6 m)
2005145	Stellair ACE Quick Connect Fluid Hose, 25 ft (7.6 m)
2006235	Stellair ACE Quick Connect Air and Fluid Hose Set, 25 ft (7.6 m)

Part Number	Description
2006381	Triton Spray Package, Pail Mount, Stellair ACE Air Spray Gun
2006382	Triton Spray Package, Stand Mount, Stellair ACE Air Spray Gun
2006383	Triton SST Spray Package, Cart Mount, Stellair ACE Air Spray Gun

Part Number	Description
2006497	2.5 Gallon (9 L) Pressure Pot with Stellair ACE
2006498	2.5 Gallon (9 L) Pressure Pot with Agitator and Stellair ACE
2006499	5 Gallon (19 L) Pressure Pot with Stellair ACE
2006500	5 Gallon (19 L) Pressure Pot with Agitator and Stellair ACE

Triton and Pressure Pot packages include: Triton and pressure pot packages include: Stellair ACE with 0.055 in (1.4 mm) nozzle and 25 ft (7.6 m) fluid and air hose.

## Air and Fluid Hoses

Flexible and lightweight hoses are designed exclusively for Stellair ACE.

- Quick connect fittings can be tightened and removed by hand.
- 6-foot (1.8 meter) whip hose connects easily to longer lengths.
- 25-foot (7.6 meter) hose moves with you at any angle.



# Stellair Air Spray Guns

## Ordering Options

Application		Nozzle Size in. (mm)	Tip Construction	Spray Technology		
				Conventional	HVLP	Compliant
 Conventional   Compliant   HVLP	<b>General Industry</b> air cap is designed with unique atomization air that produces a uniform spray pattern with low pressure, reducing air cap build-up.	0.030 (0.8)	PEEK Tip	2004146	2006145	—
		0.042 (1.1)	PEEK Tip	2004147	2004151	2004154
		0.055 (1.4)	PEEK Tip	2004145	2004152	2004155
			SST Tip	2004157	2004159	2004161
		0.070 (1.8)	PEEK Tip	2004148	2004153	2004156
			SST Tip	2004158	2004160	2004162
		0.086 (2.2)	PEEK Tip	2004149	2006146	2006148
0.110 (2.8)	PEEK Tip	2004150	2006147	2006149		
	<b>Automotive</b> air cap atomizes for Class A finishes when spraying base coats, clear coats and primers.	0.042 (1.1)	SST Tip	2004163	—	—
		0.055 (1.4)	PEEK Tip	—	2004165	2004166
			SST Tip	2004164	—	—
	<b>High solids*</b> air cap maintains high throughput while spraying ultra violet (UV) coatings and other abrasives with low volatile organic compounds (VOCs).	0.059 (1.5)	Carbide	2006152	—	2006153
		0.070 (1.8)	Carbide	2004167	2004169	2004171
		0.086 (2.2)	Carbide	2004168	2004170	2004172
	<b>Adhesive</b> air cap atomizes waterborne and solventborne adhesives and sealants.	0.051 (1.3)	PEEK Tip	2004173	—	—
		0.070 (1.8)	PEEK Tip	2004174	—	—
	<b>Trim</b> air cap produces a well-defined edge with minimal overspray, essential for edges, trim, and dielectric applications.	0.042 (1.1)	PEEK Tip	—	2004175	—
		0.055 (1.4)	PEEK Tip	—	2004176	—
	<b>Waterborne</b> air cap produces an even, wet film build of waterborne paint.	0.042 (1.1)	PEEK Tip	2006151	—	—
		0.055 (1.4)	PEEK Tip	2004177	—	—
	<b>Wood</b> air cap handles low viscosity materials used in wood finishing applications.	0.040 (1.0)	PEEK Tip	2004178	2004179	—
		0.040 (1.0)	PEEK Tip	2006150**	—	—
	<b>Wide pattern</b> air cap sprays consistently over large surfaces.	0.055 (1.4)	PEEK Tip	2004180	2004182	2004184
		0.070 (1.8)	PEEK Tip	2004181	2004183	2004185

\*High solids gun models include ELITE™ high wear packing, carbide needle and carbide nozzle tip.

\*\*Wood air cap with non-adjustment caps

# Stellair ACE vs. Stellair

## Technical Specification Comparison

	Stellair ACE	Stellair
Gun Body	Carbon reinforced polymer	Aluminum
Gun Weight	209 g (7.37 oz)	410 g (14.46 oz)
Air Inlet	1/4 npsm (6.35 mm)	1/4 npsm (6.35 mm)
Maximum Air Inlet Pressure	100 psi (0.7 Mpa, 7 bar)	100 psi (0.7 Mpa, 7 bar)
Fluid Inlet	1/8 npsm (3.175 mm)	3/8 npsm (9.5 mm)
Maximum Fluid Inlet Pressure	300 psi (2.1 Mpa, 21 bar)	300 psi (2.1 Mpa, 21 bar)
HVLP* Maximum Inbound Pressure	16 psi (1.1 bar)	20 psi (1.4 bar)
LVMP/Compliant Maximum Inbound Pressure	29 psi (2 bar)	29 psi (2 bar)
Instruction Manual	3B0140	3B0141



## Triton® Air Spray Packages

When paired with Stellair ACE or Stellair air spray guns, Triton air operated diaphragm pumps bring affordable, fine finish spraying to wood and metal applications.

The durable package needs little maintenance, while delivering a consistent spray pattern and uniform film thickness. Learn more at [www.graco.com/Triton](http://www.graco.com/Triton).

- High quality finish with low pulsation and smooth changeover
- Easy to use with quick color change and fast material refills
- Rugged construction with a stainless steel or aluminum pump





## About Graco

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings.

The company's success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology that set the quality standard in a wide range of fluid handling solutions, namely spray finishing, protective coating, paint circulation, lubrication, and dispensing sealants and adhesives, along with power application equipment for the contractor industry. Graco's ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

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## Product Information and Demonstrations

Visit [www.graco.com/Stellair](http://www.graco.com/Stellair) and [www.graco.com/StellairACE](http://www.graco.com/StellairACE)

Call 877.84GRACO (1-877-844-7226).

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