

STELLAIR™ ACE AND STELLAIR MANUAL AIR SPRAY GUNS

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



M O V I N G M A T E R I A L S T H A T M A T T E R ™

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:

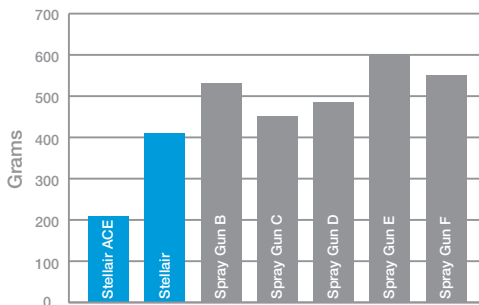
- Expert-approved ergonomics
- Speedy serviceability
- Industry leading spray performance

STELLAIR ACE 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.

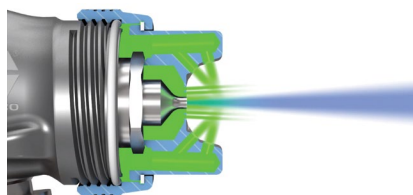
Stellair ACE relieves stress injuries and fatigue with its durably-unique carbon reinforced polymer construction – up to **50 percent lighter** than almost any other manual pressure feed sprayer.



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.



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

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

Light trigger pull force
eases muscle strain



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!"

SEE MORE TESTIMONIALS HERE!



*Comments made during and after testing by United States Ergonomics

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 PRESSURE AND GRAVITY MODELS

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 inlet fittings** need no tools to attach or disconnect quick connect hoses.



Hand-tightened fluid and air inlets



Built-in fluid cartridge removal

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 VS. STELLAIR

TECHNICAL SPECIFICATION COMPARISON

			
	STELLAIR ACE	STELLAIR	STELLAIR ACE GRAVITY
Gun Body	Carbon reinforced polymer	Aluminum	Carbon reinforced polymer
Gun Weight	215 g (7.5 oz)	410 g (14.46 oz)	250 g (8.8 oz)
Air Inlet	1/4 npsm (6.35 mm)	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)	100 psi (0.7 Mpa, 7 bar)
Fluid Inlet	1/8 npsm (3.175 mm)	3/8 npsm (9.5 mm)	N/A
Maximum Fluid Inlet Pressure	300 psi (2.1 Mpa, 21 bar)	300 psi (2.1 Mpa, 21 bar)	N/A
HVLP* Maximum Inbound Pressure	16 psi (1.1 bar)	20 psi (1.4 bar)	16 psi (1.1 bar)
LVMP/Compliant Maximum Inbound Pressure	29 psi (2 bar)	29 psi (2 bar)	29 psi (2 bar)
Instruction Manual	3B0140	3B0141	X023772

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.

- 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





STELLAIR ACE AIR SPRAY GUNS

Available in pressure and gravity feed gun models, the carbon reinforced polymer construction allows for a durable, lightweight gun which delivers superior finishes.

ORDERING OPTIONS

PART NUMBER	DESCRIPTION
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PRESSURE FEED GUNS

2007267	Stellair ACE Pressure Feed Gun, LVMP, .030 in (0.8 mm) nozzle
2005971	Stellair ACE Pressure Feed Gun, LVMP, .042 in (1.1 mm) nozzle
2005972	Stellair ACE Pressure Feed Gun, LVMP, .055 in (1.4 mm) nozzle
2005973	Stellair ACE Pressure Feed Gun, LVMP, 0.70 in (1.8 mm) nozzle
2005974	Stellair ACE Gun, LVMP, 6 ft (1.8m) Hose, .042 in (1.1 mm) nozzle
2005975	Stellair ACE Gun, LVMP, 6 ft (1.8m) Hose, .055 in (1.4 mm) nozzle
2005976	Stellair ACE Gun, LVMP, 6 ft (1.8m) Hose, .070 in (1.8 mm) nozzle

GRAVITY FEED GUNS

2010711	Stellair ACE Gravity Feed Gun, LVMP, 0.055 in (1.4 mm) nozzle, 23 oz (650 cc) plastic gravity cup
2010712	Stellair ACE Gravity Feed Gun, LVMP, 0.070 in (1.8 mm) nozzle, 23 oz (650 cc) plastic gravity cup
2010713	Stellair ACE Gravity Feed Gun, Conventional, 0.055 in (1.4 mm) nozzle, 23 oz (650 cc) plastic gravity cup
2010714	Stellair ACE Gravity Feed Gun, Conventional, 0.070 in (1.8 mm) nozzle, 23 oz (650 cc) plastic gravity cup
2010715	Stellair ACE Gravity Feed Gun, LVMP, 0.055 in (1.4 mm) nozzle, 3M™ PPS™ cup
2010716	Stellair ACE Gravity Feed Gun, LVMP, 0.070 in (1.8 mm) nozzle, 3M™ PPS™ cup
2010717	Stellair ACE Gravity Feed Gun, Conventional, 0.055 in (1.4 mm) nozzle, 3M™ PPS™ cup
2010718	Stellair ACE Gravity Feed Gun, Conventional, 0.070 in (1.8 mm) nozzle, 3M™ PPS™ cup
2010950	Stellair ACE Gravity Feed Gun, Conventional, 0.055 in (1.4 mm) nozzle, without cup
2010951	Stellair ACE Gravity Feed Gun, LVMP, 0.055 in (1.4 mm) nozzle, without cup
2010952	Stellair ACE Gravity Feed Gun, Conventional, 0.070 in (1.8 mm) nozzle, without cup
2010953	Stellair ACE Gravity Feed Gun, LVMP, 0.070 in (1.8 mm) nozzle, without cup
2014264	Stellair ACE Gravity Feed Gun, HVLP, 0.055 in (1.4 mm) nozzle, 23 oz (650 cc) plastic gravity cup
2014265	Stellair ACE Gravity Feed Gun, HVLP, 0.070 in (1.8 mm) nozzle, 23 oz (650 cc) plastic gravity cup
2014266	Stellair ACE Gravity Feed Gun, HVLP, 0.055 in (1.4 mm) nozzle, 23 oz (650 cc) 3M™ PPS™ cup
2014267	Stellair ACE Gravity Feed Gun, HVLP, 0.070 in (1.8 mm) nozzle, 23 oz (650 cc) 3M™ PPS™ cup
2014269	Stellair ACE Gravity Feed Gun, HVLP, 0.055 in (1.4 mm) nozzle, 23 oz (650 cc) without cup
2014270	Stellair ACE Gravity Feed Gun, HVLP, 0.070 in (1.8 mm) nozzle, 23 oz (650 cc) without cup

TRITON SPRAY PACKAGES

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

PRESSURE POTS

2006497	2 Gallon (7.5 L) Pressure Pot with Stellair ACE
2006498	2 Gallon (7.5 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 Stellair ACE with 0.055 in (1.4 mm) nozzle and 25 ft (7.6 m) fluid and air hose.



STELLAIR ACE GRAVITY FEED GUNS

The Stellair ACE Gravity Gun is designed for small-batch jobs and delivers high-quality finish. It is ideal for low-volume color production, touch-ups and material supplier testing.

- Industry-leading spray performance
- Lightweight ergonomics
- No tools serviceability

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 PRESSURE FEED GUNS

Designed for a wide variety of applications, delivering precision efficiency and quality finishes. Built on an aluminum gun body with stainless steel fluid components.



ORDERING OPTIONS

APPLICATION		NOZZLE SIZE IN. (MM)	TIP CONSTRUCTION	SPRAY TECHNOLOGY		
				CONVENTIONAL	HVLP	COMPLIANT
 Conventional  Compliant  HVLP	General Industry 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		
	Automotive 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	—	—
	High solids* 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
	Adhesive air cap atomizes waterborne and solvent-borne adhesives and sealants.	0.051 (1.3)	PEEK Tip	2004173	—	—
		0.070 (1.8)	PEEK Tip	2004174	—	—
	Trim 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	—
	Waterborne 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		—
	Wood 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**	—	—
	Wide pattern 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.



MOVING MATERIALS THAT MATTER™



For more information visit graco.com

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