

# 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:

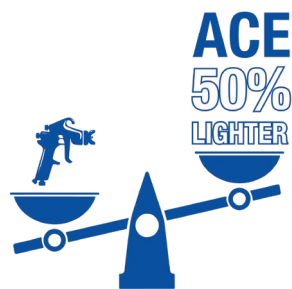
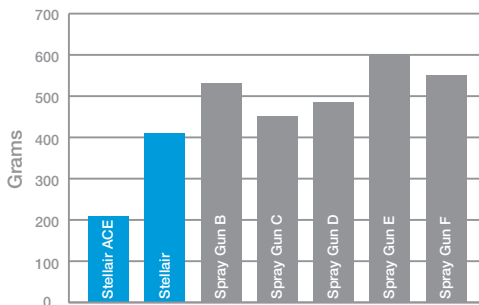
- Expert-approved ergonomics
- Speedy serviceability
- Industry leading spray performance

## 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.

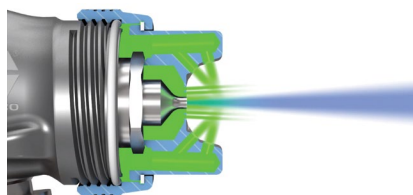
Stellair ACE relieves stress injuries and fatigue with its durably-unique carbon reinforced polymer construction – up to **50 percent lighter** than almost any other manual pressure feed sprayer.



### 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.



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](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





# 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 |
|-------------|-------------|
|-------------|-------------|

### 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

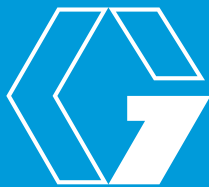
| APPLICATION                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                 | NOZZLE SIZE<br>IN. (MM) | TIP<br>CONSTRUCTION | SPRAY TECHNOLOGY |         |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------|------------------|---------|-----------|
|                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                 |                         |                     | CONVENTIONAL     | HVLP    | COMPLIANT |
| <div><br/>Conventional</div> <div><br/>Compliant</div> <div><br/>HVLP</div> | <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          |         |           |
| <div></div>                                                                                                                                                                                                                                      | <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          | —       | —         |
| <div></div>                                                                                                                                                                                                                                      | <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   |
| <div></div>                                                                                                                                                                                                                                      | <b>Adhesive</b> air cap atomizes waterborne and solvent-borne adhesives and sealants.                                                                           | 0.051 (1.3)             | PEEK Tip            | 2004173          | —       | —         |
|                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                 | 0.070 (1.8)             | PEEK Tip            | 2004174          | —       | —         |
| <div></div>                                                                                                                                                                                                                                      | <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 | —         |
| <div></div>                                                                                                                                                                                                                                      | <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          |         | —         |
| <div></div>                                                                                                                                                                                                                                      | <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**        | —       | —         |
| <div></div>                                                                                                                                                                                                                                      | <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.



**MOVING MATERIALS THAT MATTER™**



**For more information visit [graco.com](https://graco.com)**

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