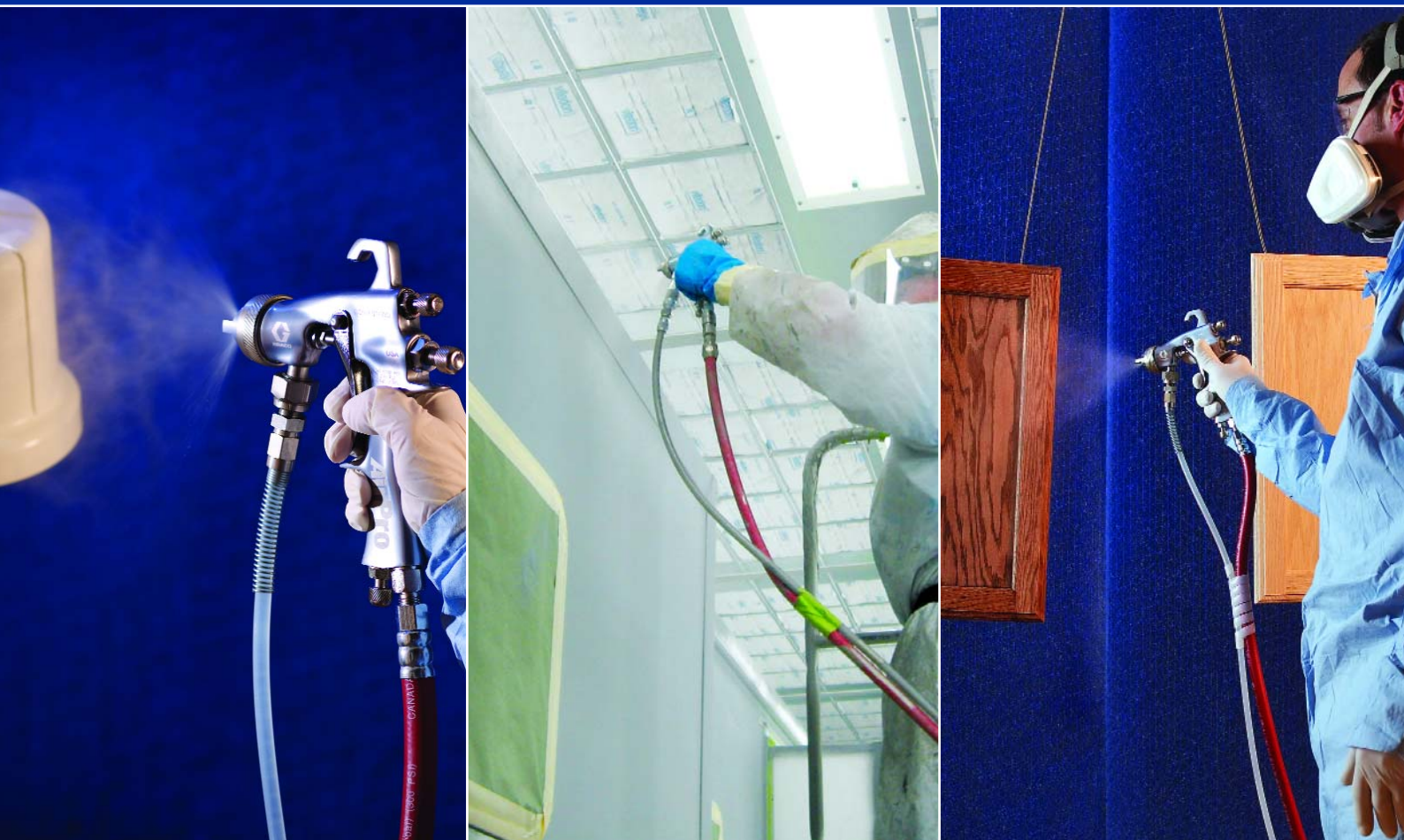




# AirPro™

Advanced Spraying Technology for Automotive, Metal,  
Wood, Waterborne, High Wear and Adhesive Applications



PROVEN QUALITY. LEADING TECHNOLOGY.

# AirPro™ Spray Gun

Advanced Spraying Technology

Whether you are a custom shop or a high volume manufacturing facility, the AirPro air spray gun delivers exceptional spraying performance while addressing your environmental and operator concerns.

- Cutting edge air cap and nozzle design optimize spray performance
- Wide range of gun models to meet the needs of your specific application
- Lightweight design, low trigger force and ergonomic handle provide maximum operator comfort
- Fewer parts means less maintenance and downtime
- Air flow and consumption are tested to meet environmental compliance



## Versatile Product Line

Offered in three air spray technologies to fit the needs of your environment, Graco's AirPro gun has the versatility and flexibility to accommodate a variety of spraying needs.

### AirPro™ Spray Gun



**HVLP**



**COMPLIANT**



**CONVENTIONAL**

<b>FINISH QUALITY</b>	<b>Good</b>	<b>Better</b>	<b>Best</b>
<b>TRANSFER EFFICIENCY</b>	<b>High</b>	<b>High</b>	<b>Medium</b>
<b>FLUID FLOW</b>	<b>Low</b>	<b>Medium</b>	<b>High</b>
<b>AIR FLOW</b>	<b>High</b>	<b>Low</b>	<b>Low</b>

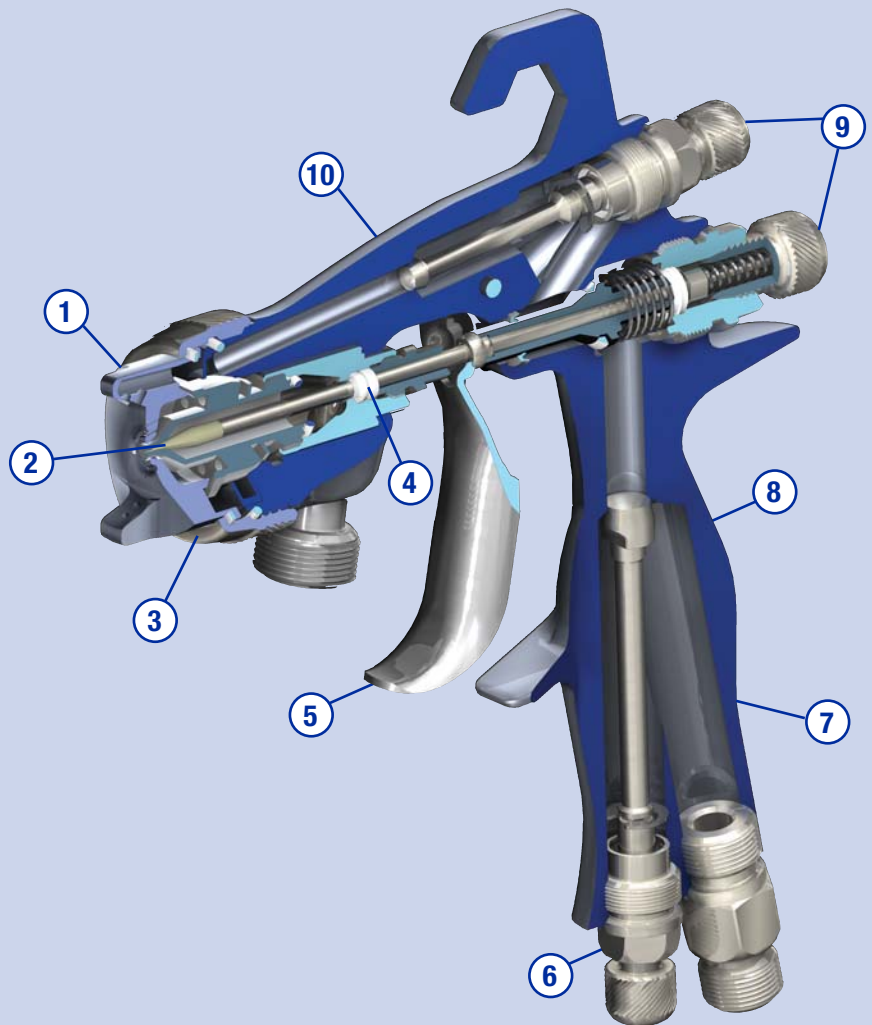
# Combine both Performance and Comfort

## AirPro™ Features

Ergonomically designed for superior handling, the AirPro™ guns have a soft, controlled and adjustable spray pattern, delivering:

- Even materials distribution through the spray pattern for optimum coverage
- Improved transfer efficiency through reduced air consumption
- Reduced spray turbulence due to uniform air flow
- Enhanced atomization through material specific air caps

1. New air caps in three air spray technologies to fit the needs of your environment
2. Two piece needle with replaceable tip reduces operating costs
3. Quick turn retaining ring which captures air cap upon disassembly
4. Long life needle packing for reduced downtime
5. Ultra-light trigger pull reduces muscle stress
6. Inlet pressure adjustment (cheater) valve increases spraying flexibility
7. Air flow consumption designed to meet environmental compliance
8. Uniform air flow for reduced turbulence
9. Ergonomic knobs provide excellent operator comfort
10. Lighter weight (410 grams) than other guns in its category





# Applications

## WOOD

Air caps and nozzles specifically designed for wood finishing applications that require uniform material distribution at low pressures, including:

- Stains
- NGRs
- Toners

Needle/nozzle sizes available in 0.020", 0.030" and 0.040". (0.5, 0.8, and 1.0 mm)



## WATERBORNE

Air caps designed to spray environmentally friendly waterborne materials even with high solids content including:

- Lacquers
- UV materials
- Paints

Needle/nozzle sizes available in 0.030", 0.042" and 0.055". (0.8, 1.1, and 1.4 mm)



## ADHESIVE

Unique air caps designed for spraying waterborne and solventborne adhesives and sealants.

For use in a variety of industries including:

- Furniture
- Automotive
- Packaging



Needle/nozzle sizes in 0.051" and 0.70". (1.3 and 1.8 mm)



## GENERAL METAL

The AirPro gun is ideal for metal parts fabricators and metal finishing job shop operations requiring high quality paint jobs.

Works well with a wide variety of industrial coatings including:

- Urethanes
- Epoxies
- Latex
- 2 component materials

Needle/nozzle sizes range from 0.020" up to 0.110".  
(0.5-2.8 mm)



## HIGH WEAR

These guns are designed with a carbide nozzle and needle tip for long life with abrasive materials.

- Enamels
- Ceramics
- Metallics
- High solids

Available in 3 needle/nozzle sizes, 0.059", 0.070", and 0.086".  
(1.5, 1.8, 2.2 mm)



## AUTOMOTIVE

Whether painting a car, motor home, truck or bus, the AirPro gun provides excellent atomization for a Class A finish.

It is optimized to paint:

- Base coats
- Clear coats
- Primers

Needle/nozzle sizes from 0.030" to 0.055".  
(0.8-1.4 mm)



# Enhance Your System Performance

## COMPLETE SYSTEMS

Quality pumps enhance any finishing system. Graco offers a variety of pumps and packages to meet the needs of your low to high volume applications, and to increase productivity.

Equipped with AirPro™ spray guns, the Triton® air-operated diaphragm spray package applies a high quality decorative finish to wood and metal parts.



## PRESSURE POTS

- Ideal for low to high volume, dedicated colour or fine finish applications (i.e., 1-350 liter used daily)
- Low pulsation, high quality finish
- Simple, no moving parts



## TRITON® PUMPS

- Ideal for medium to high volume fine finish applications (i.e., 4 l/day or less)
- Easy-to-use, air operated diaphragm pump
- Lowest pulsation diaphragm pump in the market
- Ability to recirculate material
- Quick to colour change, clean and refill
- Cost equivalent to 40 liter SST pressure tank
- Rugged stainless steel or aluminum construction





# Ordering Information

## How To Order:

- 1 Determine feed (pressure, gravity or siphon)
- 2 If pressure feed, identify application type
- 3 Select spray type (conventional, HVLP or compliant)
- 4 Select material viscosity
- 5 Select average flow rate

MATERIAL VISCOSITY	VISCOSITY (centipoise)
Light	5-15
Light-Medium	15-30
Medium	30-70
Medium-Heavy	70-100
Heavy	>100

## PRESSURE FEED

### General Metal Spray Guns



Part Number	Spray Type	Nozzle in. (mm)	Material Viscosity	Flow O2/min (l/min)	Air Cap Kit	Needle/Nozzle Kit
288726	Conventional	0.020 (0.5)	light	4-8 (0.12-0.24)	289773	289458
288929	Conventional	0.030 (0.8)	light	4-12 (0.12-0.35)	289773	289459
288930	Conventional	0.042 (1.1)	light-medium	8-20 (0.24-0.59)	289773	289460
288931	Conventional	0.055 (1.4)	medium	16-30 (0.47-0.89)	289773	289462
288932	Conventional	0.070 (1.8)	medium-heavy	16-35 (0.47-1.04)	289784	289464
288933	Conventional	0.086 (2.2)	medium-heavy	16-40 (0.47-1.18)	289068	289466
288934	Conventional	0.110 (2.8)	heavy	16-45 (0.47-1.33)	289069	289467
288935	HVLP	0.020 (0.5)	light	4-8 (0.12-0.24)	289041	289458
288936	HVLP	0.030 (0.8)	light	4-10 (0.12-0.30)	289041	289459
288937	HVLP	0.042 (1.1)	light-medium	6-12 (0.18-0.35)	289041	289460
288938	HVLP	0.055 (1.4)	medium	12-18 (0.36-0.53)	289041	289462
288939	HVLP	0.070 (1.8)	medium-heavy	16-20 (0.47-0.59)	289041	289464
288940	HVLP	0.086 (2.2)	medium-heavy	18-22 (0.53-0.65)	289070	289466
288941	HVLP	0.110 (2.8)	heavy	20-24 (0.59-0.71)	289043	289467
288942	Compliant	0.020 (0.5)	light	4-8 (0.12-0.24)	289042	289458
288943	Compliant	0.030 (0.8)	light	4-10 (0.12-0.30)	289042	289459
288944	Compliant	0.042 (1.1)	light-medium	6-12 (0.18-0.35)	289042	289460
288945	Compliant	0.055 (1.4)	medium	12-18 (0.36-0.53)	289042	289462
288946	Compliant	0.070 (1.8)	medium-heavy	16-20 (0.47-0.59)	289042	289464
288947	Compliant	0.086 (2.2)	medium-heavy	18-22 (0.53-0.65)	289044	289466
288948	Compliant	0.110 (2.8)	heavy	20-24 (0.59-0.71)	289045	289467

### General Metal with Stainless Steel Tip

Part Number	Spray Type	Nozzle in. (mm)	Material Viscosity	Flow O2/min (l/min)	Air Cap Kit	Needle/Nozzle Kit
288949	Conventional	0.042 (1.1)	light-medium	8-20 (0.24-0.59)	289773	289461
288950	Conventional	0.055 (1.4)	medium	16-30 (0.47-0.89)	289773	289463
288951	Conventional	0.070 (1.8)	medium-heavy	16-35 (0.47-1.04)	289784	289465
288952	HVLP	0.042 (1.1)	light-medium	8-14 (0.24-0.41)	289041	289461
288953	HVLP	0.055 (1.4)	medium	12-16 (0.36-0.53)	289041	289463
288954	HVLP	0.070 (1.8)	medium-heavy	16-20 (0.47-0.59)	289041	289465
288955	Compliant	0.042 (1.1)	light-medium	8-14 (0.24-0.41)	289042	289461
288956	Compliant	0.055 (1.4)	medium	12-18 (0.36-0.53)	289042	289463
288957	Compliant	0.070 (1.8)	medium-heavy	16-20 (0.47-0.59)	289042	289465

### Automotive Applications

Part Number	Spray Type	Nozzle in. (mm)	Material Viscosity	Flow O2/min (l/min)	Air Cap Kit	Needle/Nozzle Kit
288929	Conventional	0.030 (0.8)	light	4-12 (0.12-0.35)	289451	289459
288930	Conventional	0.042 (1.1)	light-medium	8-20 (0.24-0.59)	289451	289460
288931	Conventional	0.055 (1.4)	medium	16-30 (0.47-0.89)	289451	289462
289034	HVLP	0.040 (1.0)	light	6-12 (0.18-0.35)	289771	289468
289035	HVLP	0.047 (1.2)	light-medium	10-14 (0.30-0.41)	289771	289469
289541	HVLP	0.055 (1.4)	medium	12-18 (0.36-0.53)	289771	289495
289036	Compliant	0.040 (1.0)	light	6-12 (0.18-0.35)	289772	289470
289037	Compliant	0.047 (1.2)	light-medium	10-14 (0.30-0.41)	289772	289471
289542	Compliant	0.055 (1.4)	medium	12-18 (0.36-0.53)	289772	289497

# Ordering Information Continued



## PRESSURE FEED

### Wood Applications

Part Number	Spray Type	Nozzle in. (mm)	Material Viscosity	Flow O2/min (l/min)	Air Cap Kit	Needle/Nozzle Kit
288958	Conventional	0.020 (0.5)	light	4-8 (0.12-0.24)	288862	289472
288959	Conventional	0.030 (0.8)	light	4-12 (0.12-0.35)	288862	289473
289109	Conventional	0.040 (1.0)	light	8-20 (0.24-0.59)	288862	289474
288960	HVLP	0.020 (0.5)	light	4-8 (0.12-0.24)	288864	289472
288961	HVLP	0.030 (0.8)	light	4-10 (0.12-0.30)	288864	289473
289110	HVLP	0.040 (1.0)	light	6-12 (0.18-0.35)	288864	289474
288962	Compliant	0.020 (0.5)	light	4-8 (0.12-0.24)	288863	289472
288963	Compliant	0.030 (0.8)	light	4-10 (0.12-0.30)	288863	289473
289111	Compliant	0.040 (1.0)	light	6-12 (0.18-0.35)	288863	289474

### High Wear Applications

Part Number	Spray Type	Nozzle in. (mm)	Material Viscosity	Flow O2/min (l/min)	Air Cap Kit	Needle/Nozzle Kit
288973	Conventional	0.059 (1.5)	medium	16-35 (0.47-0.95)	288861	289478
288974	Conventional	0.070 (1.8)	medium-heavy	16-35 (0.47-1.04)	289049	289479
288975	Conventional	0.086 (2.2)	medium-heavy	16-40 (0.47-1.18)	289049	289480
288976	HVLP	0.059 (1.5)	medium	14-18 (0.41-0.53)	289115	289481
288977	HVLP	0.070 (1.8)	medium-heavy	16-20 (0.47-0.59)	289325	289482
288978	HVLP	0.086 (2.2)	medium-heavy	18-22 (0.53-0.65)	289325	289483
288979	Compliant	0.059 (1.5)	medium	14-18 (0.41-0.53)	289050	289481
288980	Compliant	0.070 (1.8)	medium-heavy	16-20 (0.47-0.59)	289327	289482
288981	Compliant	0.086 (2.2)	medium-heavy	18-22 (0.53-0.65)	289327	289483

### Waterborne Applications

Part Number	Spray Type	Nozzle in. (mm)	Material Viscosity	Flow O2/min (l/min)	Air Cap Kit	Needle/Nozzle Kit
288964	Conventional	0.030 (0.8)	light	4-12 (0.12-0.35)	289046	289475
288965	Conventional	0.042 (1.1)	light-medium	8-20 (0.24-0.59)	289046	289476
288966	Conventional	0.055 (1.4)	medium	16-30 (0.47-0.89)	289046	289477
288967	HVLP	0.030 (0.8)	light	4-10 (0.12-0.30)	289047	289475
288968	HVLP	0.042 (1.1)	light-medium	8-14 (0.24-0.41)	289047	289476
288969	HVLP	0.055 (1.4)	medium	12-18 (0.36-0.53)	289047	289477
288970	Compliant	0.030 (0.8)	light	4-10 (0.12-0.30)	289048	289475
288971	Compliant	0.042 (1.1)	light-medium	8-14 (0.24-0.41)	289048	289476
288972	Compliant	0.055 (1.4)	medium	12-18 (0.36-0.53)	289048	289477

### Adhesive Applications

Part Number	Spray Type	Nozzle in. (mm)	Material Viscosity	Flow O2/min (l/min)	Air Cap Kit	Needle/Nozzle Kit
288982	Conventional	0.051 (1.3)	medium	14-25 (0.41-0.74)	289051	289484
288983	Conventional	0.070 (1.8)	medium-heavy	16-35 (0.47-1.04)	289051	289485

### Spatter Applications

Part Number	Spray Type	Nozzle in. (mm)	Material Viscosity	Flow O2/min (l/min)	Air Cap Kit	Needle/Nozzle Kit
288985	HVLP	0.042 (1.1)	light-medium	8-14 (0.24-0.41)	289053	289460

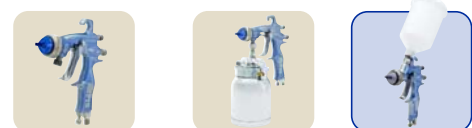




## SIPHON FEED

### With Siphon Cup

Part Number	Spray Type	Nozzle in. (mm)	Material Viscosity	Flow O2/min (l/min)	Air Cap Kit	Needle/ Nozzle Kit
289028	Conventional	0.055 (1.4)	light-medium	4-10 (0.12-0.30)	289769	289487
289029	Conventional	0.070 (1.8)	light-medium	8-12 (0.24-0.36)	289769	289488
289030	HVLP	0.055 (1.4)	light-medium	3-5 (0.09-0.15)	289435	289489
289031	HVLP	0.070 (1.8)	light-medium	4-6 (0.12-0.18)	289435	289490
289032	Compliant	0.055 (1.4)	light-medium	3-5 (0.09-0.15)	289768	289491
289033	Compliant	0.070 (1.8)	light-medium	4-6 (0.12-0.18)	289768	289492



## GRAVITY FEED

### Without Cup

Part Number	Spray Type	Nozzle in. (mm)	Material Viscosity	Flow O2/min (l/min)	Air Cap Kit	Needle/ Nozzle Kit
289002	Conventional	0.055 (1.4)	light-medium	4-10 (0.12-0.30)	289773	289493
289003	Conventional	0.070 (1.8)	light-medium	8-12 (0.24-0.36)	289773	289494
289005	HVLP	0.055 (1.4)	light-medium	3-5 (0.09-0.15)	289771	289495
289006	HVLP	0.070 (1.8)	light-medium	4-6 (0.12-0.18)	289771	289496
289008	Compliant	0.055 (1.4)	light-medium	3-5 (0.09-0.15)	289772	289497
289009	Compliant	0.070 (1.8)	light-medium	4-6 (0.12-0.18)	289772	289498

### With Gravity Cup

Part Number	Spray Type	Nozzle in. (mm)	Material Viscosity	Flow O2/min (l/min)	Air Cap Kit	Needle/ Nozzle Kit
289011	Conventional	0.055 (1.4)	light-medium	4-10 (0.12-0.30)	289773	289493
289012	Conventional	0.070 (1.8)	light-medium	8-12 (0.24-0.36)	289773	289494
289014	HVLP	0.055 (1.4)	light-medium	3-5 (0.09-0.15)	289771	289495
289015	HVLP	0.070 (1.8)	light-medium	4-6 (0.12-0.18)	289771	289496
289017	Compliant	0.055 (1.4)	light-medium	3-5 (0.09-0.15)	289772	289497
289018	Compliant	0.070 (1.8)	light-medium	4-6 (0.12-0.18)	289772	289498

### With 3M™ PPS™ Cup

Part Number	Spray Type	Nozzle in. (mm)	Material Viscosity	Flow O2/min (l/min)	Air Cap Kit	Needle/ Nozzle Kit
289020	Conventional	0.055 (1.4)	light-medium	4-10 (0.12-0.30)	289773	289493
289021	Conventional	0.070 (1.8)	light-medium	8-12 (0.24-0.36)	289773	289494
289023	HVLP	0.055 (1.4)	light-medium	3-5 (0.09-0.15)	289771	289495
289024	HVLP	0.070 (1.8)	light-medium	4-6 (0.12-0.18)	289771	289496
289026	Compliant	0.055 (1.4)	light-medium	3-5 (0.09-0.15)	289772	289497
289027	Compliant	0.070 (1.8)	light-medium	4-6 (0.12-0.18)	289772	289498

## TECHNICAL SPECIFICATIONS

Maximum Air Inlet Pressure .....	7 bar (0.7 MPa, 100 psi)	Air Inlet .....	1/4 npsm (R1/4-19)
Maximum Fluid Inlet Pressure .....	21 bar (2.1 MPa, 300 psi)	Fluid Inlet .....	3/8 npsm (R3/8-19)
Maximum HVLP/Compliant Inbound Air Pressure*		Wetted Parts .....	303 SST, 17-4 PH SST, PEEK, acetal, UHMWPE
HVLP™ .....	1.3-2.1 bar (0.1-0.21 MPa, 19-30 psi)	Instruction manual	
Complaint™ .....	2.0-2.4 bar (0.2-0.24 MPa, 29-35 psi)	Pressure feed .....	312414
Air Consumption		Gravity Feed .....	312579
Conventional General Metal @ 2.5 bar (0.25 MPa, 36 psi) .....	357 lpm	Siphon feed .....	312578
HVLP General Metal @ 1.3 bar (0.13 MPa, 19 psi) .....	422 lpm		
Complaint General Metal @ 2.0 bar (0.2 MPa, 29 psi) .....	331 lpm		
Fluid and Air Operating Temperature Range .....	0 - 43°C (32°-109°F)		
Weight .....	410 g (14.46 oz)		

\* Produces 0.7 bar (0.07 MPa, 10 psi) spraying pressure at air cap

\*\* dependent on application type

# Accessories

## HOSE

- 239631 1.2 m (4 ft) Air Whip Hose Assembly**  
Max. working pressure: 7 bar (0.7 MPa, 100 psi).  
ID: 5/16 in (7.9 mm) Swivel: 1/4 npsm(f), nitrile
- 239636 4.6 m (15 ft) Air Hose Assembly**  
Max. working pressure: 7 bar (0.7 MPa, 100 psi).  
ID: 5/16 in (7.9 mm) Swivel: 1/4 npsm(f), nitrile
- 239637 7.6 m (25 ft) Air Hose Assembly**  
Max. working pressure: 7 bar (0.7 MPa, 100 psi).  
ID: 5/16 in (7.9 mm) Swivel: 1/4 npsm(f), nitrile
- 239655 Air Swivel Inlet Feeding**
- 239622 1.2m (4 ft) Fluid Whip Hose Assembly**  
Max. working pressure: 7 bar (0.7 MPa, 100 psi).  
ID: 3/16 in (4.8 mm). 3/8 npsm(fbe), nylon with polyurethane cover
- 239633 4.6 m (15 ft) Fluid Hose Assembly**  
Max. working pressure: 7 bar (0.7 MPa, 100 psi).  
ID: 3/16 in (4.8 mm). 3/8 npsm(fbe), nylon with polyurethane cover
- 239634 7.6 m (25 ft) Fluid Hose Assembly**  
Max. working pressure: 7 bar (0.7 MPa, 100 psi).  
ID: 4.8 mm (3/16 in). 3/8 npsm(fbe), nylon with polyurethane cover

## AIR VALVES

- 234784 Air Control Valve Kit (Cheater Valve) with Gauge**  
Attaches to any HVLP spray gun for precise air pressure setting with a 0-11 bar gauge
- 235119 Gun Air Regulator Assembly 7 bar**

## CLEANING KITS

- 105749 Cleaning Brush**
- 111265 Gun Lubricant (non-silicone), 113 g**
- 15C161 Ultimate Gun Cleaning Kit**  
Includes brushes and tools for maintenance

## AIR PRESSURE VERIFICATION KIT

For use in checking air cap atomizing air pressure. Not to be used for actual spraying.

Note: To be HVLP compliant, the atomizing air pressure must not exceed 0.7 bar (70 MPa, 10 psi).

## ORIFICE (mm)

- 289563** General Metal air caps (0.5 - 1.8 mm)
- 289564** General Metal air caps (2.2 mm)
- 289565** General Metal air caps (2.8 mm)
- 289566** Wood air caps
- 289567** Waterborne air caps
- 289568** High Wear air caps (1.5 mm)
- 289569** High Wear air caps (1.8 - 2.2 mm)
- 287985** Automotive and Gravity Feed
- 289589** Siphon Feed

## GRAVITY, SIPHON AND PRESSURE CUPS

- 288661 650 cc Gravity Cup, Plastic**
- 253977 650 cc Gravity Cup, Aluminum**
- 253978 1 liter Gravity Cup, Aluminum**
- 192407 Gravity Cup Holder**
- 244130 0.9 l Siphon Cup, Aluminum**

- 239802 0.9 l SST Pressure Cup with Single Air Regulator**  
Includes a pressure relief valve and a single cup air regulator and gauge.
- 239803 0.9 l SST Pressure Cup with Double Air Regulator**  
Includes a pressure relief valve, a 0-7 bar (0-0.7 MPa, 0-100 psi) air regulator for gun atomization, and 0-1.0 bar (0-104 kPa, 0-15 psi) air regulator for the cup air supply.
- 239804 0.9 l Remote SST Pressure Cup**  
Includes air pressure regulator and gauge, 1.2 m (4 ft) length air and fluid hose with 1/4 npsm(f) swivel ends, pressure relief valve and rigid hook handle.
- 235117 1.9 l Remote Aluminum Pressure Cup**  
Includes air pressure regulator and gauge, 1.8 m (6 ft) length air and fluid hose with 3/8 npsm(f) swivel ends, pressure relief valve and rigid hook handle
- 240266 Disposable Polyethylene Cup Liners**  
0.9 l capacity, paint and solvent resistant. Must be used with pressure and siphon cups. 40 liners

## 3M's PPS™ Paint Preparation

### System Accessories from Graco

#### For use with gravity and siphon feed guns

#### 150 ml 3M™ PPS™

- 234941 Cup and Collar (box of 8)**
- 234940 Lid and Liner (box of 50)**
- 234942 Measurement Insert (box of 50)**

#### 650 ml 3M™ PPS™

- 234771 Cup and Collar (box of 8)**
- 234772 Lid and Liner (box of 50)**
- 15F531 Measurement Insert (box of 100)**

#### 850 ml 3M™ PPS™

- 234937 Cup and Collar (box of 4)**
- 234938 Lid and Liner (box of 25)**
- 234939 Measurement Insert (box of 100)**

#### 289486 Gravity Kit (650ml)

- One each: cup, collar, lid, liner, adapter
- 253975 3M™ PPS™ Gravity Feed Adapter**

#### 234773 Siphon Kit (650ml)

- One each: cup, collar, lid, liner, adapter
- 289405 3M™ PPS™ Siphon Feed Adapter**

#### 310693 Instruction Manual









## 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. Graco provides equipment for 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.

## GRACO LOCATIONS

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