



# Merkur<sup>®</sup> ES

Air-Assist and Airless Spray Packages



- Quick flush system requires less than **1 minute** to flush
- **45%** less material to fill the system than the leading competitors
- **2 to 10 years** of proven reliability on key system components
- Delivers a superior, consistent spray finish

PROVEN QUALITY. LEADING TECHNOLOGY.

## Need Efficiency and Excellent Spray Performance? Graco's Merkur ES has it!

Designed to use less material than the competition *and* to reduce air usage and pulsation, the **Merkur ES** is one **Efficient Sprayer**.

- Quick flush system reduces material and solvent usage
- Durable, proven reliable air motor, pump lower and key components mean less downtime
- Low profile spray package makes it easy to transport
- Delivers high transfer efficiency with a consistent, superior finish



### 1/8" Fluid Hose

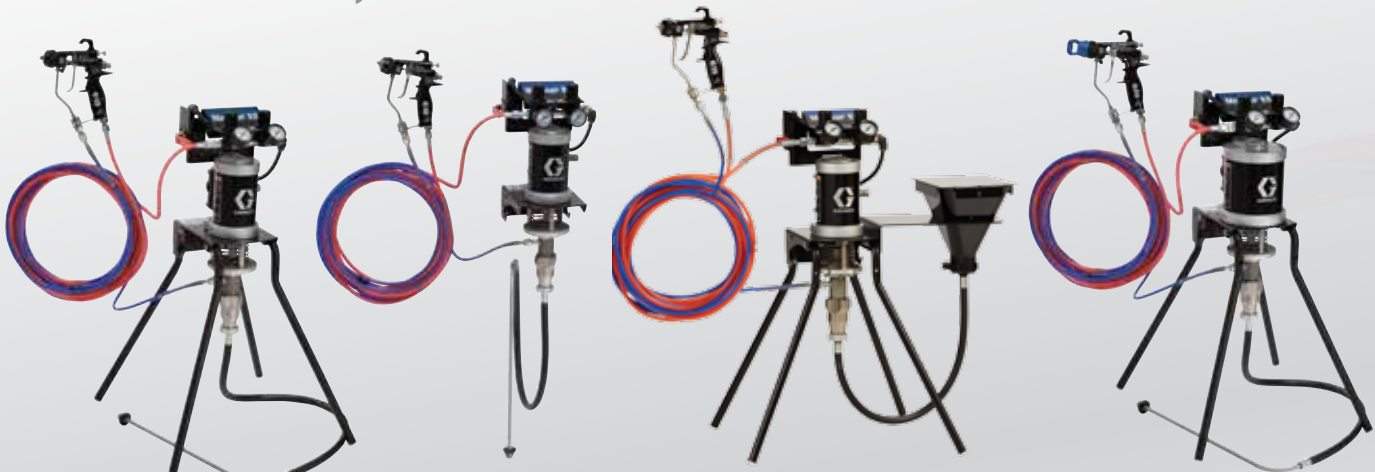
- Reduces material and solvent usage
- Lightweight and flexible for operator convenience



### Suction Hose or Hopper

- Suction hose has a small diameter for reducing material usage
- Hopper contains 2 liters (0.5 gal) for small batch jobs

## FLEXIBLE, EFFICIENT SYSTEMS



15:1 air-assist  
stand mount

15:1 air-assist  
wall mount

15:1 air-assist  
stand mount with hopper

30:1 air-assist  
stand mount

# Long-Lasting Efficiency in a Compact, High Performance Package

## G15/G40 Spray Gun

- Delivers superior spray performance
- Maximizes operator comfort with ergonomic design

## Control Panel

- Easily set and monitor air controls
- Integrated carrying handle for easy transporting



## Air Motor

- Provides consistent finishes with smooth, rapid changeover
- Minimizes air usage

## Pump Mount

- Converts from stand mount to wall mount

## Gun Hook

- Located on both sides of pump stand for flexibility



## Pump Lower

- Over 10 years of proven reliability
- Available in plated or stainless steel



30:1 air-assist wall mount

30:1 air-assist stand mount with hopper

30:1 airless stand mount

30:1 airless wall mount

## Merkur ES Ordering Information

Part No.	Plated Steel	Stainless Steel	Wall Mount	Stand Mount	G15 Gun	G40 Gun	Silver Plus™ Gun	Suction Hose	Hopper (2 liter)
<b>Merkur ES 15:1 Air-Assist Packages</b>									
24F150	•		•		•			•	
24F151	•			•	•			•	
24F158		•	•		•			•	
24F159		•		•	•			•	
24W281	•			•	•				•
24W283		•		•	•				•
<b>Merkur ES 30:1 Air-Assist Packages*</b>									
24F152		•	•			•		•	
24F153		•		•		•		•	
24F156	•		•			•		•	
24F157	•			•		•		•	
24W285	•			•		•			•
24W287		•		•		•			•
<b>Merkur ES 30:1 Airless Packages**</b>									
24F154	•		•			•		•	
24F155	•			•		•		•	

\*All Air-Assist Packages include a 25 ft (7.5 m) fluid hose and air hose and an AAF412 tip

\*\*All Airless Packages include a 25 ft (7.5 m) fluid hose and a 163515 tip

## Accessories



24F271 Inline fluid filter, stainless steel



24F272 Inline fluid filter, plated steel



24F165 1/8" ID fluid hose, 25 ft (7.5 m), plated steel  
24F166 1/8" ID fluid hose, 25 ft (7.5 m), stainless steel



24F147 Suction tube for 1 gal (3.7 l) pail, stainless steel  
24F148 Suction hose 3/8" OD for 5 gal (18.9 l) pail  
24F149 Suction hose 5/8" OD for 5 gal (18.9 l) pail



17A493 2 liter (0.5 gal) Hopper kit attaches to wall or stand mount  
17C166 Bungee cord for attaching hopper lid

## Merkur ES Technical Specifications

### Maximum fluid working pressure

15:1 pumps . . . . . 1500 psi (10.3 MPa, 103 bar)  
30:1 pumps . . . . . 3000 psi (20.7 MPa, 207 bar)

Maximum cycle rate . . . . . 240 cycles per minute

Maximum tip orifice size . . . . . 0.019 in (0.483 mm)

Fluid flow @ 240 cpm . . . . . 0.4 gpm (1.5 lpm)

Volume per cycle . . . . . 0.2 oz (6 cc)

Maximum air inlet pressure . . . . . 100 psi (0.7 MPa, 7.0 bar)

Air consumption @ 100 psi @ 90 cpm (0.7 MPa, 7.0 bar)

15:1 . . . . . .4 scfm

30:1 . . . . . .7 scfm

Package air inlet size . . . . . 3/8 npt(f)

Package fluid outlet size . . . . . 1/4 npsm(m)

### Wetted parts

Plated steel pumps . . . . . SST, CS, nickel plating, tungsten carbide, PTFE, acetal, leather, UHMWPE

Stainless steel pumps . . . . . SST, tungsten carbide, PTFE, acetal, leather, UHMWPE

Minimum compressor size . . . . . 1.5 HP

Instruction manual . . . . . 3A0732

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Call today for product information or to request a demonstration.

877.84GRACO (1-877-844-7226) or visit us at [www.graco.com/finishing](http://www.graco.com/finishing)

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