



Merkur™ ES

Air-Assisted and Airless Spray Packages

ASISTENCIA TÉCNICA



AFINA

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ESPAÑA



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



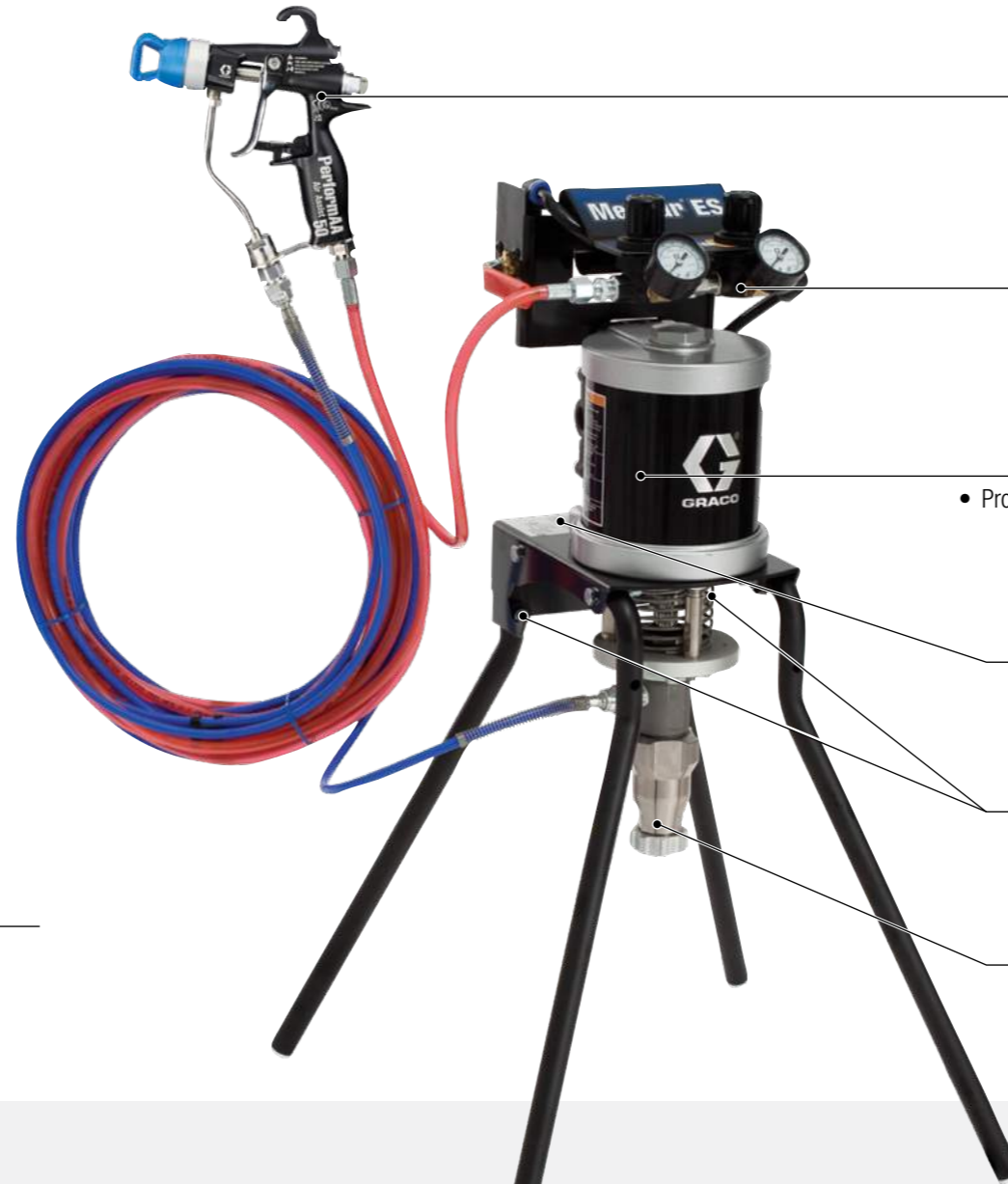
1/8" Fluid Hose

- 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 liter (0,5 gal) for small batch jobs



PerformAA

- 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

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

30:1 air-assist wall mount

30:1 air-assist stand mount with hopper

30:1 airless stand mount

30:1 airless wall mount

Part No.	Plated Steel	Stainless Steel	Wall Mount	Stand Mount	PerformAA 15	PerformAA 50	PerformAA Airless 50	Suction Hose	Hopper (2 liter)
Merkur ES 15:1 Air-Assisted Packages									
24F150	•		•		•			•	
24F151	•			•	•			•	
24F158		•	•		•			•	
24F159		•		•	•			•	
24W281	•			•	•				•
24W283		•		•	•				•
24J250***	•		•		WL	WL		•	
24J251***	•			•	WL	WL		•	

***Includes U-cup packing lower and PerformAA 15 wood lacquer gun (part #26B502)

Merkur ES 30:1 Air-Assisted Packages*									
24F152		•	•		•				
24F153		•		•		•			
24F156	•		•			•			
24F157	•			•		•			
24W285	•			•		•			•
24W287		•		•		•			•

*All Air-Assist Packages include a 25 ft (7.5 m) fluid hose and air hose and an AXF412 tip

Merkur ES 30:1 Airless Packages**									
24F154	•		•					•	
24F155	•			•				•	

**All Airless Packages include a 25 ft (7.5 m) fluid hose and a AXM515 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 3.7l (1 gal) pail, stainless steel
24F148 Suction hose 10 mm (3/8") OD for 18.9 l (5 gal) pail
24F149 Suction hose 16 mm (5/8") OD for 18.9 l (5 gal) pail



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



26B500 PerformAA 15 general finish air cap air assist gun
26B502 PerformAA 15 wood lacquer air cap air assist gun
26B510 PerformAA 50 general finish air cap air assist gun
26B520 PerformAA 50 airless gun

For more PerformAA information refer to brochure form # 345178

Merkur ES Technical Specifications

Maximum fluid working pressure

15:1 pumps 103 bar (10.3 MPa, 1500 psi)

30:1 pumps 207 bar (20.7 MPa, 3000 psi)

Maximum cycle rate 240 cycles per minute

Maximum tip orifice size 0.483 mm (0.019")

Fluid flow @ 240 cpm 1.5 l/min (0.4 gpm)

Max cycle rate 240 cpm

Volume per cycle 6 cc (0.2 oz)

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

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

15:1 113 l/min (4 scfm)

30:1 198 l/min (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

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