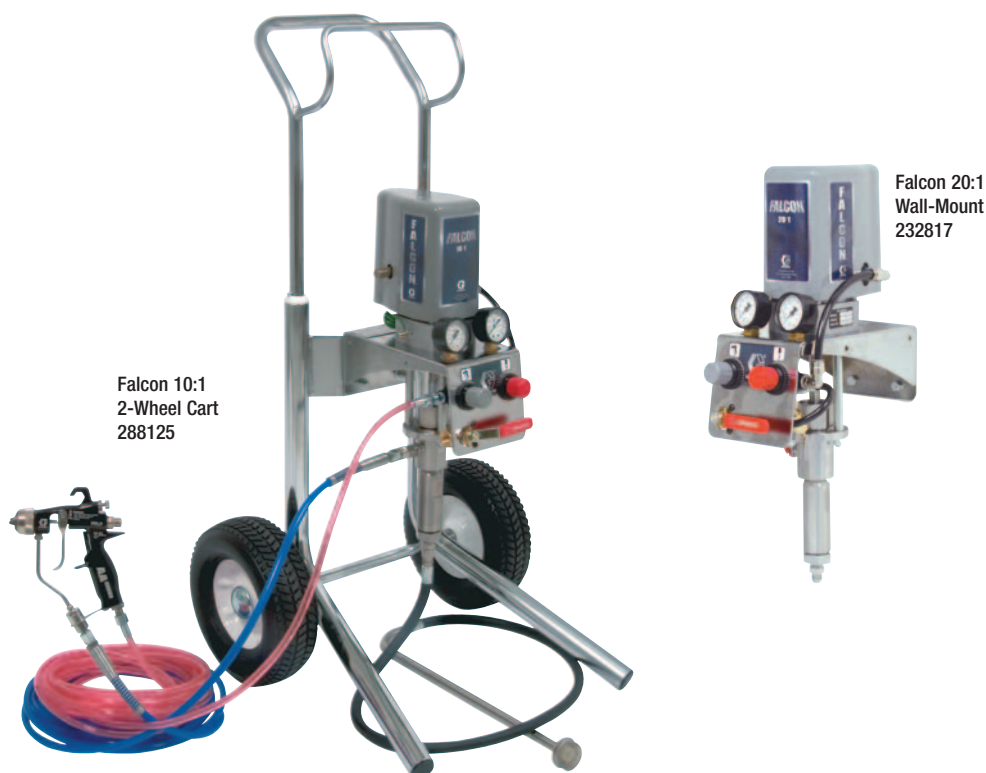


Falcon™ 10:1 and 20:1

Air Assisted (AA) Packages



Increase Productivity and Reduce Material Costs!

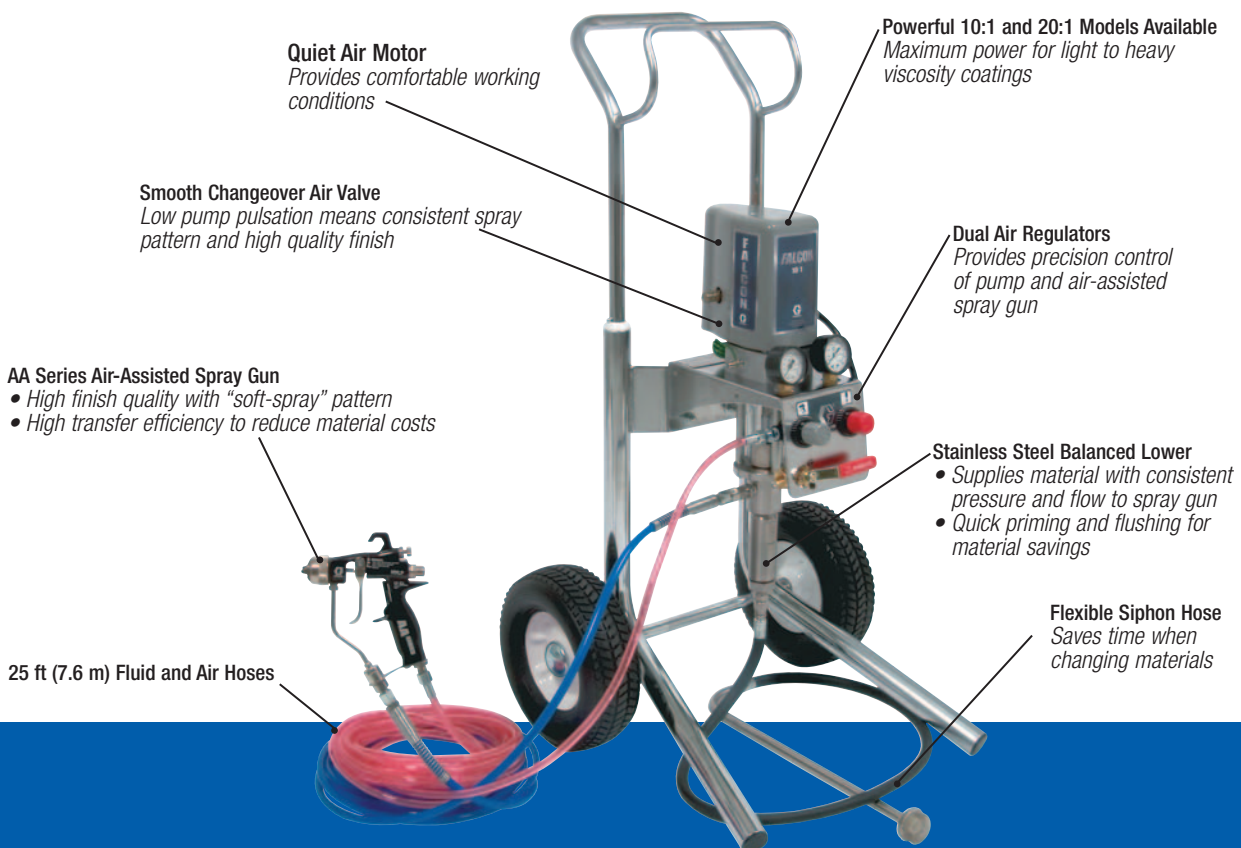
Features and Benefits

- Affordable, entry-level finishing package for single gun, fine finish applications
- Small, compact pump design is quick to flush and clean, minimizing material costs and waste
- Low pulsation pump provides excellent finish quality and consistent atomization, without a fluid regulator
- Durable pump with all stainless steel construction
- Air-assisted technology means faster spraying with higher transfer efficiency – increasing productivity and material savings

Technical Specifications

Pump ratio	Falcon 10:1	Falcon 20:1
Maximum fluid outlet pressure	1000 psi (70 bar, 7 MPa)	1500 psi (103 bar, 10.3 MPa)
Maximum air input pressure	100 psi (7 bar, 0.7 MPa)	68 psi (4.7 bar, 0.5 MPa)
Fluid Flow @ 60 cpm	0.3 gpm (1.1 lpm)	0.3 gpm (1.1 lpm)
Volume per cycle	0.64 oz. (18.9 cc)	0.64 oz. (18.9 cc)
Pump air consumption at 100 psi (7 bar, 0.7 MPa) air @ 20 cpm	0.75 scfm (0.02 m3/min)	0.75 scfm (0.02 m3/min)
Sound pressure level @ 100 psi (7 bar, 0.7 MPa) air @ 20 cpm	69 dBA	73 dBA
Air inlet, package	3/8 npsm(f)	3/8 npsm(f)
Fluid inlet, pump	3/8 npt(f)	3/8 npt(f)
Fluid outlet, pump	1/4 npt(f)	1/4 npt(f)
Weight		
Wall-mount package	25 lb (11 kg)	25 lb (11 kg)
2-wheel cart package	65 lb (27 kg)	65 lb (27 kg)
4-wheel cart package	47 lb (21 kg)	47 lb (21 kg)
Instruction manual	308994	308994

Falcon packages offer high production speeds, high transfer efficiency and high finish quality!



Ordering Information

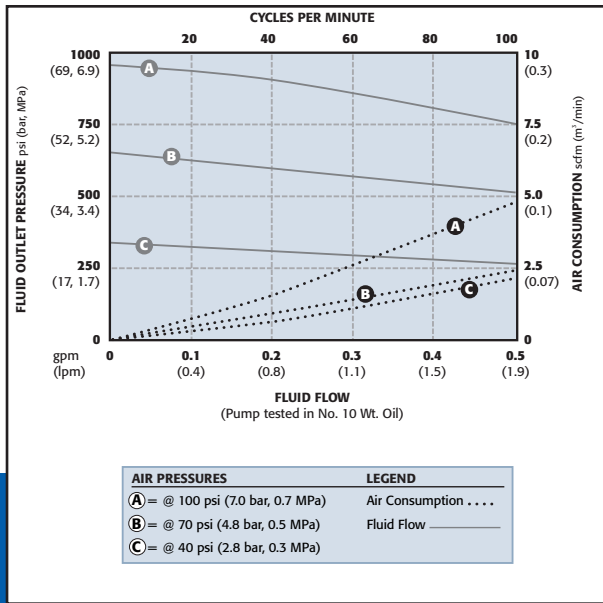
1. Select appropriate Falcon spray package (Falcon 10:1 or Falcon 20:1) based on pressure and flow requirements of the application. Refer to Falcon 10:1 and 20:1 pump performance charts below.
2. Select wall-mount, 2-wheel cart or 4-wheel cart mounting configuration.
3. Select package with G15 Carbide seat spray gun, G15 plastic seat spray gun or bare.
4. Order Falcon package part number.

Stainless Steel
Part number
Wall-mount
2-wheel chrome cart
4-wheel cart
Siphon hose
Fluid swivel at gun inlet
25 ft (7.6 m) fluid hose
25 ft (7.6 m) air hose
Bare package*
Applicator

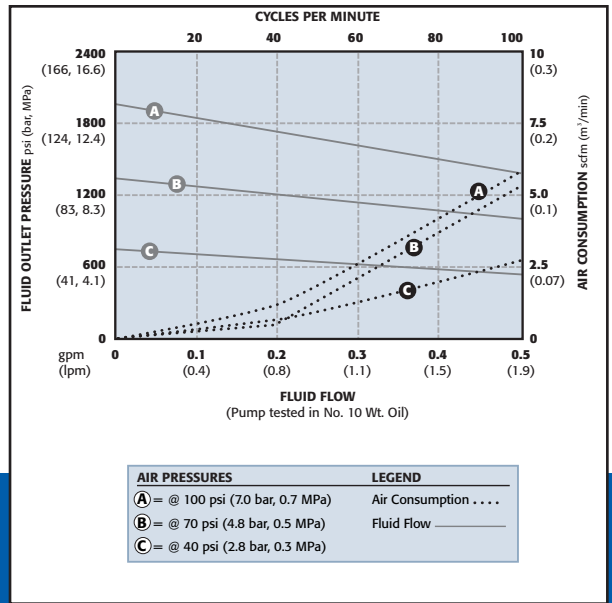
Falcon 10:1 Air-Assisted Spray Packages										
<i>Note: Falcon 10:1 packages include a AAM413 tip with an additional tip of choice</i>	•	288124	•		•	•	•	•	•	G15 Carbide
	•	232810	•		•	•	•	•	•	G15
	•	232812	•							• none
	•	288125		•		•	•	•	•	G15 Carbide
	•	233064		•		•	•	•	•	G15
	•	288126			•	•	•	•	•	G15 Carbide
	•	232820			•	•	•	•	•	G15
	•	232822			•					• none
Falcon 20:1 Air-Assisted Spray Packages										
<i>Note: Falcon 20:1 packages include a AAM415 tip with an additional tip of choice</i>	•	288127	•		•	•	•	•	•	G15 Carbide
	•	232815	•			•	•	•	•	G15
	•	232817	•							• none
	•	288128		•		•	•	•	•	G15 Carbide
	•	233939		•		•	•	•	•	G15
	•	288129			•	•	•	•	•	G15 Carbide
	•	232823			•	•	•	•	•	G15
	•	233938			•					• none

*Bare packages do not include hose and spray gun

Falcon 10:1 Pump Performance Chart



Falcon 20:1 Pump Performance Chart



Accessories

- 243340 Stainless Steel Pail Cover with Stainless Steel Agitator**
5 gallon (18.9 liter).
- 241812 Fluid Hose, 3/16 in ID x 25 ft (7.6 m)**
Anti-static polyurethane cover with fabric braid and nylon tubing. SST wetted parts. 1/4-18 npsm(fbe). Max. working pressure: 3500 psi (242 bar, 24 MPa).
- 241811 Air Hose, 1/4 in (6 mm) x 25 ft (7.6 m)**
Polyurethane. 1/4-18 npsm(fbe). Max. working pressure: 100 psi (7 bar, 0.7 MPa).
- 243606 2-Wheel Cart (pail not included)**
Mounting hardware included.
- 241646 4-Wheel Cart (pail not included)**
Mounting hardware included.
- 243594 Wall Bracket**
Use for mounting a Falcon pump to the wall.
- 241594 Falcon 10:1 Bare Pump**
- 241595 Falcon 20:1 Bare Pump**
- 115898 Fluid Swivel Connector**
5800 (400 bar, 40 MPa) maximum working pressure connector to ease movement of the gun and fluid hose. 1/4-18 npsm. 17-4 PH SST wetted parts. Optional swivel fitting available.
- 238694 High Pressure Fluid Ball Valve**
5000 (350 bar, 35 MPa) maximum working pressure 3/8 npt(mbe). SST wetted parts, PEEK seats, PTFE seals. Compatible with acid-catalyzed materials. Can be used as fluid drain valve.
- 249473 Air Fitting and Tubing Kit**
Alternative-style connector for air inlet and hose. 3/8 in to 1/4 push-to-lock fitting, 25 ft (7.62 m) long, nylon tubing. Optional quick disconnect available.
- 249140 HVLP Verification Kit**
Use to check air cap air pressure at various air supply air pressure. Do not use for actual spraying.
- 249598 Unclogging Needle Kit**
Kit includes picks for unclogging gun tip.
- 101892 Gun Brush**
Use to clean the gun.
- 15C161 Ultimate Gun Cleaning Kit**
Kit includes brushes and tools for gun maintenance.
- 111265 Gun Lubricant**
One 4 oz (113 g) tube sanitary (non-silicone) lubricant for fluid seals and wear areas.

Spray Guns

See Ordering Information for specific gun and package options.

All guns include tip of choice

287926 G15 Air-Assisted Spray Gun - Carbide Seat

288844 G15 Air-Assisted Spray Gun - Plastic Seat

249242 G40 Air-Assisted Spray Gun

For more information reference AA Series Brochure, 336937.

Repair Kits

Air Motor Kits	Falcon 10:1	Falcon 20:1
Air valve packing repair kit	241833	241834
Air motor spool valve repair kit	241884	241884

Lower Pump Kits	Falcon 10:1	Falcon 20:1
Standard piston seal kit (PTFE) with nylon spacer	241830	241830
Optional piston seal kit (PTFE) with stainless steel spacer	15B327	15B327
Optional piston seal kit (UHMWPE)	115408	115408
Throat seal kit (UHMWPE)	241827	241827
Displacement rod (SST)	194756	194756
Cylinder (SST)	194760	194760

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.

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