AIR-ASSISTED AIRLESS PAINT SPRAYER

Our **AC023** self-contained air-assisted airless sprayer can be used with or without air assist. It is suitable for spraying a wide range of sealers, topcoats, primers, wiping stains, lacquers and enamels. Air-assisted airless combines the hydraulic atomization of airless with the atomization of air spray to provide a finer finish and break up the tailing effect at the edge of the spray pattern while limiting overspray and "bounce back". This results in higher transfer efficiency than either straight airless, air spray or HVLP. Ideal for many fine finishing and coating applications, air assist offers high production levels and a very smooth finish -perfect for wood furniture topcoats, fabricated metal parts and other fine finish applications.

Bonded Air & Fluid Hose

1/4" Bonded Air & Fluid Hose 7.5M
1/4" Bonded Air & Fluid Hose 12M

Part Number
305-00291-000-002
305-00291-000-001

Model	AC023
Motor Type	DC Motor (TEFC)
Power Input	1300W
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
Max. Tip Size	0.023 in.(0.021in)
Max. Fluid Flow	2.1 l/min (0.55 gpm)
Max. Pressure	207 bar (3,000 psi)
Atomizing Air Output	100 l/min (3.5 cfm)
Max. Working Air Pressure	2.4 bar (35psi)
Control	Digital
Net Weight	56kg (123.2 Lbs) (include Hopper assembly not include hose)

STANDARD ACCESSORIES
*1/4" Bonded Air & Fluid Hose 7.5M (L)
* Hopper (6.2 Liter) Assembly
* Special Multi-purpose Wrench
* Pump Filter W/ One Each 60 and 100 Screens
* Throat Seal Oil (100ml Squeeze Bottle)

OPTIONAL ACCESSORIES
*1/4" Bonded Air & Fluid Hose 12M (L)

ELECTRIC PISTON PUMP AIRLESS SPRAYER

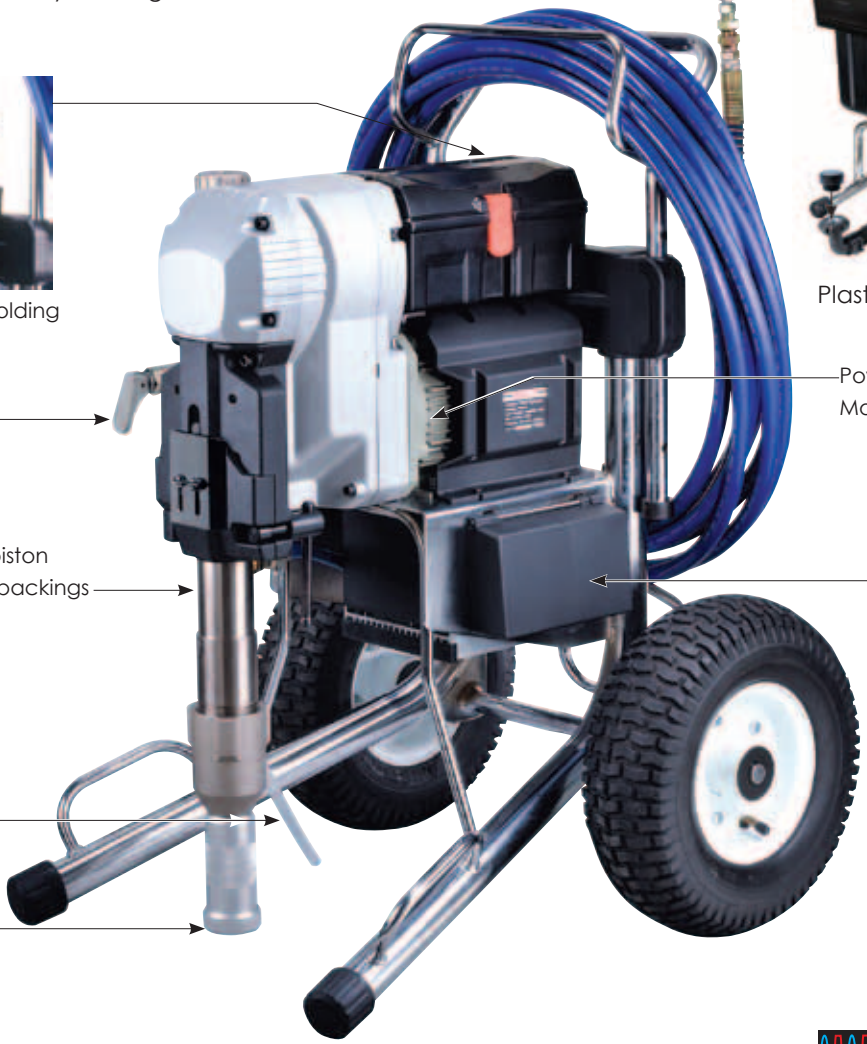
Our airless sprayers are designed specifically for professional painting contractors . The state of the art electronic pressure control system allows ideal atomization under all conditions. The long-duty piston pump and direct gear drive are built for the long haul. The fully enclosed, fan cooled DC motors (model PM021LF, PM021 & PM025) or Brushless motor (model PM035 & PM031) are built for ample power and heavy duty cycles all day long. The quick-change pump filter is easy to access and clean. All aspects of the machines were carefully designed for convenience and speed of maintenance and cleaning. This all adds up to the excellent results which professionals demand.

Our airless sprayers **PM035 , PM031** can handle a very wide range of paint types, These are our most powerful sprayers and they can be even be used as texture sprayers.The powerful piston pump is able to spray and hydraulically atomize almost any thickness material as long as it does not contain solid particles such as sand, stones, etc.

- **Wood interior:** lacquer, varnish, stain, sealer, enamel.
- **Ceiling:** high-build, drywall mud.
- **Wood exterior:** exterior stain, vinyl, acrylic, latex, alkyd.
- **Drywall:** vinyl, latex, plaster, skim coat and drywall mud. Easily spray Hand texture effects such as orange peel, knockdown and splatter.
- **Masonry:** elasomeric, block filler, alkyd.
- **Structural steel:** heavy coating.

Built-in Toolbox for holding extra tips and filters.

Plaster Tank(Optional)



Priming Valve

Powerful Brushless Motor

High performance piston pump with long-life packings

Quick-response electronic pressure control with LCD screen.

* BAR or PSI LCD screen available

Drain Tube

Pickup Tube

Model	PM035	PM031
Motor Type	Brushless DC Motor	
Power Input	1800W	1500W
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz	
Max. Tip Size	0.035in.	0.031in.
Max. Flow	5.3 l/min (1.4 gpm)	4.17 l/min (1.1 gpm)
Max. Pressure	227 bar (3,300 psi)	227 bar (3,300 psi)
Control	Digital	
Overload Protection	With	
Dimensions	670mmx580mmx810mm	670mmx580mmx810mm
Net Weight	61kg (134.2 Lbs)	59kg (129.8 Lbs)

STANDARD ACCESSORIES

* Hose 3/8" x 50' (15.5M) + 1/4" x1.5M
* Gun With Tip Guard and Tip (0.035 In. for PM035, 0.031 In. for PM031)
* Inlet strainer 4 Mesh (PM035 / PM031 Optional: 10 Mesh)
* Pump Filter W/ One Each 60 & 100 Screens
* Special Multi-Purpose Wrench
* Rigid Suction Pipe
* Throat Seal Oil (100ml Squeeze Bottle)

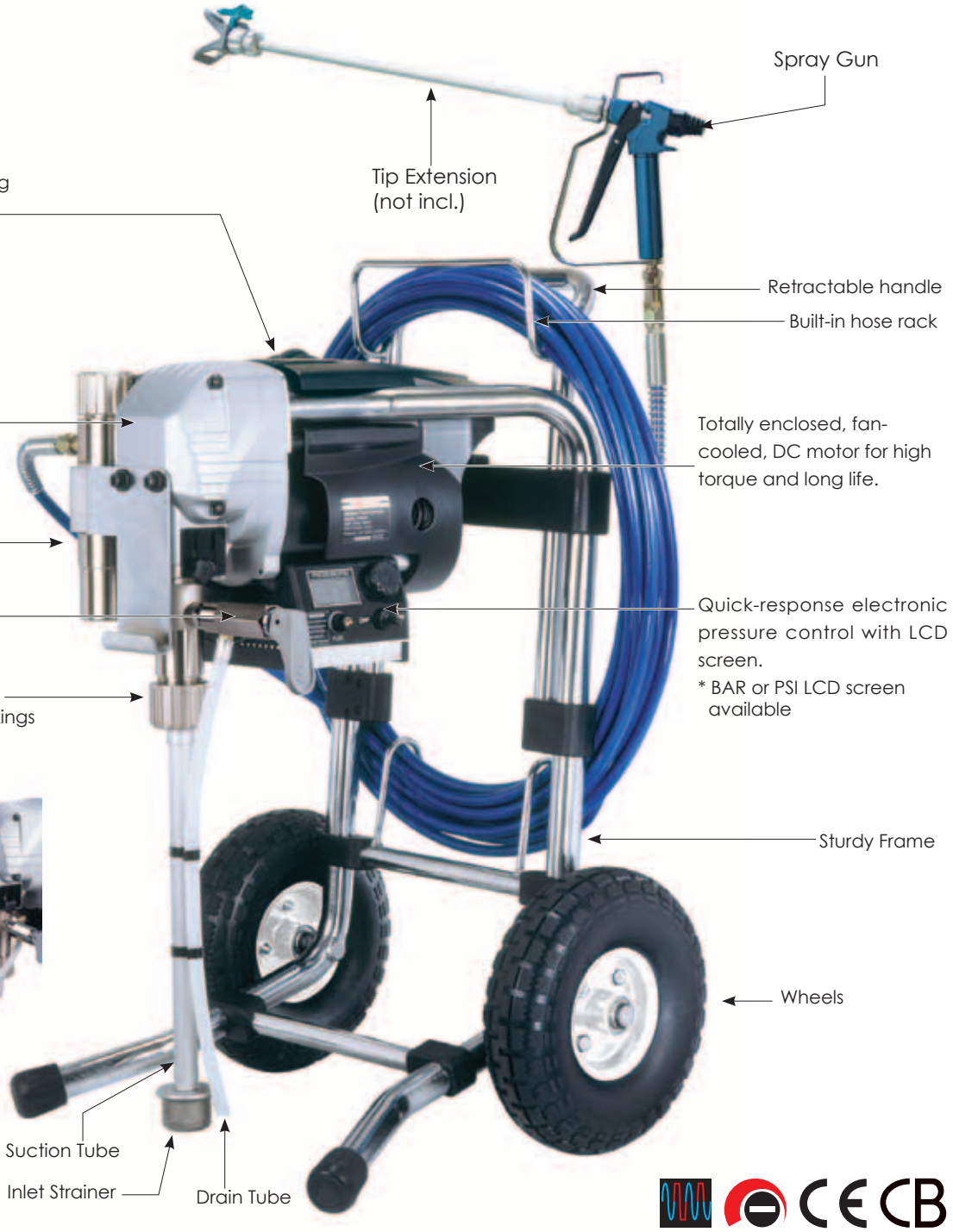
OPTIONAL ACCESSORY

* Plaster Tank (PM035 Only)

ELECTRIC PISTON PUMP AIRLESS SPRAYER

Our airless sprayers **PM021 & PM025, PM021LF** can handle a very wide range of paint types.
They can use among others:

- **Wood interior:** lacquer, varnish, stain, sealer, enamel,
- **Ceiling:** high-build,
- **Wood exterior:** exterior stain, vinyl, acrylic, latex ,
- **Masonry:** alkyd, vinyl, latex, elastomeric, block filler,
- **Structural steel:** heavy coating.



Model	PM021	PM025
Motor Type	DC Motor (TEFC)	DC Motor (TEFC)
Power Input	1000W	1300W
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz	
Max. Tip Size	0.021in.	0.025in.
Max. Flow	2.1 l/min (0.55 gpm)	2.7 l/min (0.71 gpm)
Max. Pressure	207 bar (3,000 psi)	207 bar (3,000 psi)
Control	Digital	
Overload Protection	With	
Dimensions	515mmx530mmx795mm	515mmx530mmx795mm
Net Weight	33 kg (72.6 Lbs)	33kg (72.6 Lbs)

STANDARD ACCESSORIES

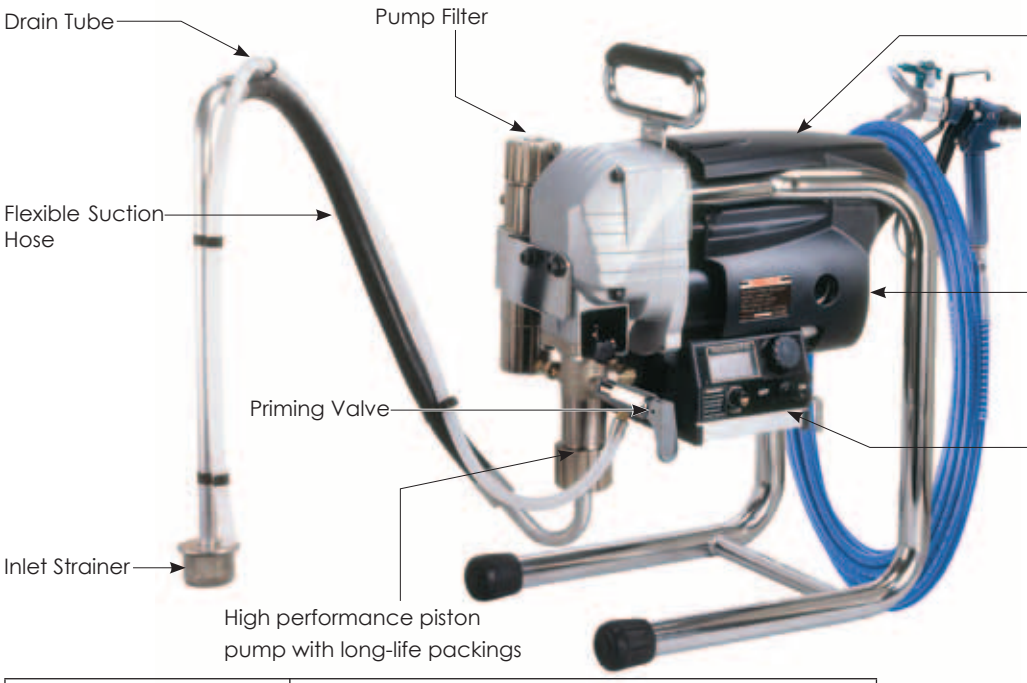
* Hose 1/4" X 54' (16.5M)
* Gun With Tip (0.017 In.)
* Pump Filter W/ One Each 60 & 100 Screens
* Special Multi-Purpose Wrench
* Rigid Suction Tube
* Throat Seal Oil (100ml Squeeze Bottle)

OPTIONAL ACCESSORIES

*Flexible Suction Hose

SAMT TOOLS

ELECTRIC PISTON PUMP AIRLESS SPRAYER



Built-in toolbox for holding extra tips and filters.

Totally enclosed, fan-cooled, DC motor for high torque and long life.

Quick-response electronic pressure control with LCD screen.

* BAR or PSI LCD screen available

Model	PM021LF
Motor Type	DC Motor (TEFC)
Power Input	1000W
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
Max. Tip Size	0.021in.
Max. Flow	2.1 l/min (0.55 gpm)
Max. Pressure	207 bar (3,000 psi)
Control	Digital
Overload Protection	With
Dimensions	420mmx300mmx550mm
Net Weight	25 kg (55 Lbs)

STANDARD ACCESSORIES

* Hose 1/4" X 54' (16.5M)
* Gun With Tip (0.017 In.)
* Pump Filter W/ One Each 60 & 100 Screens
* Special Multi-Purpose Wrench
* Flexible Suction Hose
* Throat Seal Oil (100ml Squeeze Bottle)

Accessories

Tip

		Part Number
Spray Gun (Not incl. Tip & Tip Guard)	11/16"	0299-0061-00000-001
	7/8"	0299-0061-00000-002

Hose, High Pressure, 3/8 " x 15.5M + 1/4" x 1.5M for PM035, PM031	0299-0074-00000-001
1/4" x 16.5 m for PM021, PM025, PM021LF	303-02012-099-001

Tip Extensions 11/16" x 15"(L)	0201-0096-00906-001
Tip Extensions 11/16" x 30"(L)	0201-0096-00906-003
Tip Extensions 11/16" x 60"(L)	0201-0096-00906-005
Tip Extensions 7/8" x 15"(L)	0201-0096-00906-002
Tip Extensions 7/8" x 30"(L)	0201-0096-00906-004
Tip Extensions 7/8" x 60"(L)	0201-0096-00906-006

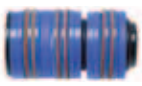
Gun Filter Screen-100 Mesh	0299-0060-00000-001

	Part Number
Pump Filter- 30 Mesh	202-0007-00000-001
Pump Filter- 60 Mesh	202-0007-00000-002
Pump Filter-100 Mesh	202-0007-00000-003

Inlet Strainer	302-03009-000-001

Tip Guard	11/16"	0299-0050-00000-001
	7/8"	0299-0050-00000-002

Packing Set for PM021, PM025, PM021LF,AC023	0299-0049-00000-001



Packing Set for PM035, PM031	0299-0049-00000-007

4 Mesh Pickup Tube for PM031	0299-0072-00000-003
10 Mesh Pickup Tube for PM031	0299-0072-00000-004
4 Mesh Pickup Tube for PM035	0299-0072-00000-001
10 Mesh Pickup Tube for PM035	0299-0072-00000-002