

Equipment

Designation	Technology	Nozzle size	Air Consumption	Fluid Output	Max fan width at 20cm (8in)	Part number
Gun FPro P COMPLIANT HVLP-09-XLvb	HVLP	0.9 mm (0.035 in)	26 m3/h (15.3 cfm)	250 cc/mn (8.5 oz/mn)	> 40cm (> 16 in)	13577509
Gun FPro P COMPLIANT HVLP-12-XLvb	HVLP	1.2 mm (0.047 in)	28 m3/h (16.4 cfm)	300 cc/mn (10.1 oz/mn)	> 40cm (> 16 in)	13577512
Gun FPro P COMPLIANT HVLP-15-XLvb	HVLP	1.5 mm (0.059 in)	31 m3/h (18.2 cfm)	350 cc/mn (11.8 oz/mn)	> 40cm (> 16 in)	13577515
Gun FPro P COMPLIANT HVLP-18-XLvb	HVLP	1.8 mm (0.071 in)	33 m3/h (19.4 cfm)	400 cc/mn (13.5 oz/mn)	> 40cm (> 16 in)	13577518
Gun FPro P COMPLIANT LVLP-09-XLvb	LVLP	0.9 mm (0.035 in)	22.5 m3/h (13.2 cfm)	250 cc/mn (8.5 oz/mn)	> 40cm (> 16 in)	135770509
Gun FPro P COMPLIANT LVLP-12-XLvb	LVLP	1.2 mm (0.047 in)	24 m3/h (14.1 cfm)	300 cc/mn (10.1 oz/mn)	> 40cm (> 16 in)	135770512
Gun FPro P COMPLIANT LVLP-15-XLvb	LVLP	1.5 mm (0.059 in)	27 m3/h (15.9 cfm)	350 cc/mn (11.8 oz/mn)	> 40cm (> 16 in)	135770515
Gun FPro P COMPLIANT LVLP-18-XLvb	LVLP	1.8 mm (0.071 in)	29 m3/h (17.0 cfm)	400 cc/mn (13.5 oz/mn)	> 40cm (> 16 in)	135770518
Gun FPro P CONV-09-Lvb	CONV	0.9 mm (0.035 in)	30 m3/h (17.6 cfm)	250 cc/mn (8.5 oz/mn)	30cm - 40cm (12in - 16in)	135774409
Gun FPro P CONV-12-Lvb	CONV	1.2 mm (0.047 in)	32.5 m3/h (19.1 cfm)	300 cc/mn (10.1 oz/mn)	30cm - 40cm (12in - 16in)	135774412
Gun FPro P CONV-15-Lvb	CONV	1.5 mm (0.059 in)	34 m3/h (20 cfm)	350 cc/mn (11.8 oz/mn)	30cm - 40cm (12in - 16in)	135774415
Gun FPro P CONV-18-Lvb	CONV	1.8 mm (0.071 in)	36.1 m3/h (21.2 cfm)	400 cc/mn (13.5 oz/mn)	30cm - 40cm (12in - 16in)	135774418
Gun FPro P CONV-23-Lvb	CONV	2.3 mm (0.091 in)	20.6 m3/h (12.1 cfm)	400 cc/mn (13.5 oz/mn)	30cm - 40cm (12in - 16in)	135774423
Gun FPro P CONV-27-Lvb	CONV	2.7 mm (0.106 in)	20.9 m3/h (12.3 cfm)	550 cc/mn (18.6 oz/mn)	30cm - 40cm (12in - 16in)	135774427

Kits

Designation	Spray gun	Hoses length	Regulators	Part number
Pack Duo "FPro P HVLP + Hoses"	FPro P HVLP-09-XLvb	7.5m (24.6 ft)	-	151280160
Pack Easy 02 "FPro P HVLP + Airspray Tank 2L"	FPro P HVLP-09-XLvb	1.6m (5.2 ft)	Airspray Tank 2L Alu Top Output	152600216
Pack Easy 10 "FPro P HVLP + Airspray Tank 10L"	FPro P HVLP-12-XLvb	7.5m (24.6 ft)	Airspray Tank 10L SST Top Output	152600207
Pack Easy 20 "FPro P HVLP + Airspray Tank 20L"	FPro P HVLP-12-XLvb	7.5m (24.6 ft)	Airspray Tank 20L SST Top Output	152600208
Pack Productivity "FPro P HVLP + Wall PMP150"	FPro P HVLP-09-XLvb	7.5m (24.6 ft)	PMP150 Wall Mounted with 3 reg	151280170
Pack Impact "FPro P HVLP + Tripod PMP150"	FPro P HVLP-09-XLvb	7.5m (24.6 ft)	PMP150 Tripod Mounted with 2 reg	151280200
Pack Convenience "FPro P HVLP + Tripod PMP150"	FPro P HVLP-09-XLvb	7.5m (24.6 ft)	PMP150 Tripod Mounted with 3 reg	151280180
Pack Duo "FPro P LVLP + Hoses"	FPro P LVLP-12-XLvb	7.5m (24.6 ft)	-	151280130
Pack Easy 02 "FPro P LVLP + Airspray Tank 2L"	FPro P LVLP-09-XLvb	1.6m (5.2 ft)	Airspray Tank 2L Alu Top Output	152600217
Pack Easy 10 "FPro P LVLP + Airspray Tank 10L"	FPro P LVLP-12-XLvb	7.5m (24.6 ft)	Airspray Tank 10L SST Top Output	152600209
Pack Easy 20 "FPro P LVLP + Airspray Tank 20L"	FPro P LVLP-12-XLvb	7.5m (24.6 ft)	Airspray Tank 20L SST Top Output	152600210
Pack Productivity "FPro P LVLP + Wall PMP150"	FPro P LVLP-12-XLvb	7.5m (24.6 ft)	PMP150 Wall Mounted with 3 reg	151280140
Pack Impact "FPro P LVLP + Tripod PMP150"	FPro P LVLP-12-XLvb	7.5m (24.6 ft)	PMP150 Tripod Mounted with 2 reg	151280205
Pack Convenience "FPro P LVLP + Tripod PMP150"	FPro P LVLP-12-XLvb	7.5m (24.6 ft)	PMP150 Tripod Mounted with 3 reg	151280150
Pack Duo "FPro P CONV + Hoses"	FPro P CONV-15-Lvb	7.5m (24.6 ft)	-	151280100
Pack Easy 02 "FPro P CONV + Airspray Tank 2L"	FPro P CONV-09-Lvb	1.6m (5.2 ft)	Airspray Tank 2L Alu Top Output	152600218
Pack Easy 10 "FPro P CONV + Airspray Tank 10L"	FPro P CONV-15-Lvb	7.5m (24.6 ft)	Airspray Tank 10L SST Top Output	152600211
Pack Easy 20 "FPro P CONV + Airspray Tank 20L"	FPro P CONV-15-Lvb	7.5m (24.6 ft)	Airspray Tank 20L SST Top Output	152600212
Pack Productivity "FPro P CONV + Wall PMP150"	FPro P CONV-15-Lvb	7.5m (24.6 ft)	PMP150 Wall Mounted with 3 reg	151280110
Pack Impact "FPro P CONV + Tripod PMP150"	FPro P CONV-15-Lvb	7.5m (24.6 ft)	PMP150 Tripod Mounted with 2 reg	151280210
Pack Convenience "FPro P CONV + Tripod PMP150"	FPro P CONV-15-Lvb	7.5m (24.6 ft)	PMP150 Tripod Mounted with 3 reg	151280120
Pack Glue "FPro P CONV + Airspray Tank 4L"	FPro P CONV-18-Mgb	5.0 m (16.4 ft)	Airspray Tank 4L SST Bottom output	152600130
Pack Glue II "FPro P CONV + hoses"	FPro P CONV-18-Mgb	5.0 m (16.4 ft)	-	151280300

Fpro P Airspray

Manual Spray Gun



Airspray / Manual Guns

PROFESSIONAL FINISHING FOR ALL!

- NEW - Compatible BSP and NPS fittings
- Performance At Your Fingertip
- Effortlessly Perfect Spraying

Markets



13 chemin de Malacher - CS 70086
 38243 Meylan Cedex - FRANCE
 Phone: +33 (0)4 76 41 60 60 - Fax: +33 (0)4 76 41 60 90
 www.sames.com

BOND • PROTECT • BEAUTIFY

Sames reserves the right to modify its equipment or specifications without further notice. Document, products and pictures shown are not contractual. Address is a registered trademark. FR n° 1 222 301 - 2023/0



Fpro P Airspray

Manual Spray Gun

Perfectly balanced, the Fpro P, pressure paint spray gun, provides a superior finish for all painters. Sames offers the largest range of spray guns and accessories for all Fpro applications in the high finishing markets. It is available in compliant and conventional versions for high transfer efficiency.



Technologies



Paint Vortex for spraygun



Paint Restrictor for spray gun



HVLP



Airspray LVLV



Airspray Conventional

Fpro P - the New Standard in Airspray: In 1925 Sames created Airspray technology and in 2017, reinvented the way to atomize paint with patented innovations for the Airspray market. How did we do this? We developed a new axis based on decades of experience in prestigious customer applications.

The **PATENTED innovative Restrictor** controls and pre-atomizes the paint into smaller droplets. It also slows the paint speed down and allows time for the aircap to atomize the paint at the perfect droplet size thus avoiding any bounce back onto the part and increases the transfer efficiency. The **PATENDED Vortex effect** actually spins the paint, allowing high levels of penetration of the paint onto complex-shaped parts. The path between the nozzle and the part becomes longer which slows down the paint avoiding any bounce back effect to the part. Therefore, the transfer efficiency is increased for optimal finish quality for all your projects.

The Fpro P is available with 3 aircaps in conventional, HVLP and LVLV Compliant to be in line with the European Standard DIN EN 13966-1 and EPA regulation in the United States.

Benefits per technology	Atomization quality	Transfer efficiency	Flow rate
Conventional spraying	☆☆☆☆	☆☆	☆☆☆☆
Compliant HVLP spraying	☆☆	☆☆☆☆	☆☆
Compliant LVLV spraying	☆☆☆	☆☆☆	☆☆



Technical data table

Designation	Value	Unit: metric (US)
Maximum Fluid Pressure	6	bar (psi)
Maximum Fluid Outlet	750 (26.3)	cc/min (oz/min)
Minimum Fluid Outlet	200 (7)	cc/min (oz/min)
Maximum Air Pressure	6 (87)	bar (psi)
Maximum Fluid Temperature	50 (122)	°C (°F)
Air Inlet	M 1/4 NPS/BSP compatible	
Fluid Inlet	M 3/8 NPS/BSP compatible	
Ph	5-8	
Tips / Nozzle	♦	
Recommended CONV Air Pressure	2.5 (36) – 3.5 (51)	bar (psi)
Recommended HVLP/LVLV Air Pressure	1.5 (22) – 2.5 (36)	bar (psi)
Air Consumption CONV (at 2.5 - 3.5 bar / at 36 - 51 psi)	21.8 (12.8) – 28.2 (16.6)	m3/h (cfm)
Transfer Efficiency CONV	66	%
Wetted Parts: Stainless Steel, POM C, Polypropylene	♦	
Air Consumption HVLP/LVLV (at 1.5 - 2.5 bar / at 22 - 36 psi)	16.1 – 23.5 (9.5- 13.8)	m3/h (cfm)
Weight	480 (16.9)	g (oz)

Performance

- The Fpro P spray gun gives the perfect finishing available for all painters
- The widest range of spray guns and accessories for all applications in markets that require high finishing spraying
- Patent pending restrictor paint speed controller and patent pending Vortex spin effect delivers a perfect atomization with very high transfer efficiency (up to 78% in HVLP)
- Three atomization and aircap technologies available: Conventional, Compliant LVLV and HVLP
- Three different adjustment knobs to get the perfect spray pattern in every condition

Productivity

- Perfectly balanced for reduced repetitive strain injuries
- The Fpro P is an extension of the arm and is a natural working tool for painters
- High level of sensation on the trigger for a perfect painting application
- Reduced handle volume, ideal for operators with small hands

Sustainability

- Elegance of the design, reputable metal, high quality of machining and anodization make the Fpro P - the ultimate spray gun application solution
- Simplified and quick maintenance thanks to the reduced number of components
- A new design for fluid and air fittings, compatible with BSP and NPS terminated hoses.



Description

