

FPRO AIRSPRAY KITS

Gun	Description	Technology	Pump	Part Number
FPRO P HVLP,09XLVB	SYSTEM,PMP-150,W/M,5 GAL ROD,25FT	HVLP	PMP 150 wall mounted	668-759-000
FPRO P HVLP,12XLVB	SYSTEM,PMP-150,W/M,5 GAL ROD,25FT	HVLP	PMP 150 wall mounted	668-759-001
FPRO P HVLP,15XLVB	SYSTEM,PMP-150,W/M,5 GAL ROD,25FT	HVLP	PMP 150 wall mounted	668-759-002
FPRO P HVLP,18XLVB	SYSTEM,PMP-150,W/M,5 GAL ROD,25FT	HVLP	PMP 150 wall mounted	668-759-003
FPRO P LVLP,09XLVB	SYSTEM,PMP-150,W/M,5 GAL ROD,25FT	LVLP	PMP 150 wall mounted	668-759-004
FPRO P LVLP,12XLVB	SYSTEM,PMP-150,W/M,5 GAL ROD,25FT	LVLP	PMP 150 wall mounted	668-759-005
FPRO P LVLP,15XLVB	SYSTEM,PMP-150,W/M,5 GAL ROD,25FT	LVLP	PMP 150 wall mounted	668-759-006
FPRO P LVLP,18XLVB	SYSTEM,PMP-150,W/M,5 GAL ROD,25FT	LVLP	PMP 150 wall mounted	668-759-007
FPRO P CONV,09LVB	SYSTEM,PMP-150,W/M,5 GAL ROD,25FT	CONV	PMP 150 wall mounted	668-759-008
FPRO P CONV,12LVB	SYSTEM,PMP-150,W/M,5 GAL ROD,25FT	CONV	PMP 150 wall mounted	668-759-009
FPRO P CONV,15LVB	SYSTEM,PMP-150,W/M,5 GAL ROD,25FT	CONV	PMP 150 wall mounted	668-759-010
FPRO P CONV,18LVB	SYSTEM,PMP-150,W/M,5 GAL ROD,25FT	CONV	PMP 150 wall mounted	668-759-011
FPRO P CONV,23LVB	SYSTEM,PMP-150,W/M,5 GAL ROD,25FT	CONV	PMP 150 wall mounted	668-759-012
FPRO P CONV,27LVB	SYSTEM,PMP-150,W/M,5 GAL ROD,25FT	CONV	PMP 150 wall mounted	668-759-013
FPRO P HVLP,09XLVB	SYSTEM,02-C85,W/M,5 GAL ROD,25FT	HVLP	02-C85 wall mounted	668-761-500
FPRO P HVLP,12XLVB	SYSTEM,02-C85,W/M,5 GAL ROD,25FT	HVLP	02-C85 wall mounted	668-761-501
FPRO P HVLP,15XLVB	SYSTEM,02-C85,W/M,5 GAL ROD,25FT	HVLP	02-C85 wall mounted	668-761-502
FPRO P HVLP,18XLVB	SYSTEM,02-C85,W/M,5 GAL ROD,25FT	HVLP	02-C85 wall mounted	668-761-503
FPRO P LVLP,09XLVB	SYSTEM,02-C85,W/M,5 GAL ROD,25FT	LVLP	02-C85 wall mounted	668-761-504
FPRO P LVLP,12XLVB	SYSTEM,02-C85,W/M,5 GAL ROD,25FT	LVLP	02-C85 wall mounted	668-761-505
FPRO P LVLP,15XLVB	SYSTEM,02-C85,W/M,5 GAL ROD,25FT	LVLP	02-C85 wall mounted	668-761-506
FPRO P LVLP,18XLVB	SYSTEM,02-C85,W/M,5 GAL ROD,25FT	LVLP	02-C85 wall mounted	668-761-507
FPRO P CONV,09LVB	SYSTEM,02-C85,W/M,5 GAL ROD,25FT	CONV	02-C85 wall mounted	668-761-508
FPRO P CONV,12LVB	SYSTEM,02-C85,W/M,5 GAL ROD,25FT	CONV	02-C85 wall mounted	668-761-509
FPRO P CONV,15LVB	SYSTEM,02-C85,W/M,5 GAL ROD,25FT	CONV	02-C85 wall mounted	668-761-510
FPRO P CONV,18LVB	SYSTEM,02-C85,W/M,5 GAL ROD,25FT	CONV	02-C85 wall mounted	668-761-511
FPRO P CONV,23LVB	SYSTEM,02-C85,W/M,5 GAL ROD,25FT	CONV	02-C85 wall mounted	668-761-512
FPRO P CONV,27LVB	SYSTEM,02-C85,W/M,5 GAL ROD,25FT	CONV	02-C85 wall mounted	668-761-513
-	AIRCAP,TEST,LVA,HVLP,C/W GAUGES	HVLP	-	668-668-724
-	AIRCAP,TEST,XLVA,HVLP,C/W GAUGES	HVLP	-	668-668-725
-	AIRCAP,TEST,XLVB,HVLP,C/W GAUGES	HVLP	-	668-668-726

With our manual guns, automatic and robotic applicators that are supplied with our wide range of pumps and machines for fluid handling, dosing, mixing and dispensing, **SAMES KREMLIN** provides industrial solutions to increase production, improve quality, and material & costs savings.

We are designers and manufacturers of process equipment that is divided into 6 ranges:

Airspray: Since 1925, we have been an Airspray manufacturer bringing you the very best in finishing.

Dispense: Pumping beyond possible, dispensing precisely.

Airmix®: Creator of Airmix® Technology since 1975, we provide the perfect mix between quality and productivity.

Electrostatic Liquid: Expertise for high finishing quality & efficiency.

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SAMES KREMLIN Inc.

North America Headquarters 45001 5 Mile Road | Plymouth, Michigan 48170
Toll Free: (800)573-5554 | Tel: (734)979-0100 | Fax: (734)927-0064

Canada Branch 931 Progress Avenue, Unit 7 | Scarborough, Ontario M1G 3V5
Toll Free: (800)450-0655 | Tel: (416)431-5017 | Fax: (416)431-9171



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FPRO Airspray

Manual Pressure Spray Gun (Conventional, HVLP, LVLP)



Range/Airspray/FPRO Pressure

PROFESSIONAL FINISHING FOR ALL

- **New Standard in Airspray**
- **Performance At Your Fingertips**
- **Perfect, Effortless Spraying**



Markets

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FPRO Airspray

Perfectly balanced, the FPro spray gun provides a superior finish for all painters. **SAMES KREMLIN** offers the largest range of spray guns and accessories for all FPro applications in high finishing markets.

FPRO, THE NEW STANDARD IN AIRSPRAY. In 1925, **SAMES KREMLIN** created Airspray technology. In 2017, they reinvented paint atomization with patented innovations for the Airspray market. With decades of experience in prestigious customer applications, **SAMES KREMLIN** developed a brand new axis.

This **PATENTED** innovative restrictor controls and pre-atomizes the paint into smaller droplets. Slowing down the paint speed and leaving time for the aircap to atomize paint at the perfect droplet size avoids bounce back onto the part and increasing transfer efficiency. The **PATENTED** Vortex spins the paint allowing a high level of paint concentration onto complex-shaped parts. The transfer efficiency increases, and an even better finish quality is achieved.

	ATOMIZATION QUALITY	TRANSFER EFFICIENCY	FLOW RATE
Conventional spraying	★★★★	★★	★★★★
HVLP spraying	★★	★★★★★	★
LVLP spraying	★★★	★★★★	★★

Technical data table

Description	Value	Unit (metric US)
Maximum Fluid Pressure	6 (87)	bar (psi)
Maximum Fluid Outlet	750 (26.3)	cc/min (oz/min)
Minimum Fluid Outlet	30 / 1	ccs / oz per min
Maximum Air Pressure	6 (87)	bar (psi)
Recommended CONV Air Pressure	2.5 (36) – 3.5 (51)	bar (psi)
Recommended HVLP/ LVLP 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 – 28.2 (12.8- 16.6)	m3/h (cfm)
Air Consumption HVLP/LVLP (at 1.5 – 2.5 bar / at 22 – 36 psi)	16.1 – 23.5 (9.5- 13.8)	m3/h (cfm)
Transfer Efficiency CONV	66	%
Transfer Efficiency HVLP/LVLP	78/72	%
Maximum Fluid Temperature	50 (122)	°C (°F)
Air Inlet	M 1/4" NPS	-
Fluid Inlet	M 3/8" NPS	-
Wetted Parts: Stainless Steel, POM C, Polypropylene	•	-
Weight	480 (16.9)	g (oz)
PH	5-8	-
Tips / Nozzle	•	-



Performance

- The FPro spray gun provides a superior finish for all painters
 - 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 aircaps technologies: Conventional, LVLP and HVLP versions available
 - Three different adjustment knobs to get the perfect spray pattern in all conditions
- The **widest range** of spray guns and accessories for all applications in markets that require high finishing spraying.

Productivity

- Perfectly balanced for reduced repetitive strain injuries
- The FPro is an extension of the arm creating a natural working tool for painters
- High level of sensation on the trigger for perfectly spraying paint
- Reduced handle volume - ideal for operators with smaller hands

Sustainability

- Elegant design, high quality metal, machining and anodization makes the FPro – the ultimate spray gun application solution
 - New generation of super light hoses, lightweight spray gun body and ergonomic handling, FPro applies coatings with ease
- Simplified** and **quick** maintenance due to the reduced number of components.

Description



FPRO AIRSPRAY EQUIPMENT

Description	Technology	Nozzle Size	Max Fan Width at 20cm (8in)	Part Number
Gun FPro P HVLP-09-XLvb	HVLP	0.9mm (0.035in)	>40cm (> 16in)	135-777-509
Gun FPro P HVLP-12-XLvb	HVLP	1.2mm (0.047in)	>40cm (> 16in)	135-777-512
Gun FPro P HVLP-15-XLvb	HVLP	1.5mm (0.059in)	>40cm (> 16in)	135-777-515
Gun FPro P HVLP-18-XLvb	HVLP	1.8mm (0.071in)	>40cm (> 16in)	135-777-518
Gun FPro P LVLP-09-XLvb	LVLP	0.9mm (0.035in)	>40cm (> 16in)	135-770-509
Gun FPro P LVLP-12-XLvb	LVLP	1.2mm (0.047in)	>40cm (> 16in)	135-770-512
Gun FPro P LVLP-15-XLvb	LVLP	1.5mm (0.059in)	>40cm (> 16in)	135-770-515
Gun FPro P LVLP-18-XLvb	LVLP	1.8mm (0.071in)	>40cm (> 16in)	135-770-518
Gun FPro P CONV-09-Lvb	CONV	0.9mm (0.035in)	30cm - 40cm (12in - 16in)	135-774-409
Gun FPro P CONV-12-Lvb	CONV	1.2mm (0.047in)	30cm - 40cm (12in - 16in)	135-774-412
Gun FPro P CONV-15-Lvb	CONV	1.5mm (0.059in)	30cm - 40cm (12in - 16in)	135-774-415
Gun FPro P CONV-18-Lvb	CONV	1.8mm (0.071in)	30cm - 40cm (12in - 16in)	135-774-418
Gun FPro P CONV-23-Lvb	CONV	2.3mm (0.091in)	30cm - 40cm (12in - 16in)	135-774-423
Gun FPro P CONV-27-Lvb	CONV	2.7mm (0.106in)	30cm - 40cm (12in - 16in)	135-774-427