

Equipment

Designation	Technology	Nozzle size	Restrictor size	Fluid output	Max fan width at 20cm (8in)	Part number
Gun FPro Lock P LP Solo (not sold in NA)	HVLP & LVLP	-	-	-	-	135760000
Gun FPro Lock P COMPLIANT HVLP-09-Lva	HVLP	0.9 mm (0.035 in)	0.8 mm (0.031 in)	250 cc/mn (8.5 oz/mn)	30cm - 40cm (12in - 16in)	135767409
Gun FPro Lock P COMPLIANT HVLP-12-Lva	HVLP	1.2 mm (0.047 in)	1.0 mm (0.039 in)	300 cc/mn (10.1 oz/mn)	30cm - 40cm (12in - 16in)	135767412
Gun FPro Lock P COMPLIANT HVLP-09-XLva	HVLP	0.9 mm (0.035 in)	0.8 mm (0.031 in)	250 cc/mn (8.5 oz/mn)	> 40cm (> 16 in)	135767509
Gun FPro Lock P COMPLIANT HVLP-12-XLva	HVLP	1.2 mm (0.047 in)	1.0 mm (0.039 in)	300 cc/mn (10.1 oz/mn)	> 40cm (> 16 in)	135767512
Gun FPro Lock P COMPLIANT LVLP-09-Lva	LVLP	0.9 mm (0.035 in)	0.8 mm (0.031 in)	250 cc/mn (8.5 oz/mn)	30cm - 40cm (12in - 16in)	135760409
Gun FPro Lock P COMPLIANT LVLP-12-Lva	LVLP	1.2 mm (0.047 in)	1.0 mm (0.039 in)	300 cc/mn (10.1 oz/mn)	30cm - 40cm (12in - 16in)	135760412
Gun FPro Lock P COMPLIANT LVLP-09-XLva	LVLP	0.9 mm (0.035 in)	0.8 mm (0.031 in)	250 cc/mn (8.5 oz/mn)	> 40cm (> 16 in)	135760509
Gun FPro Lock P COMPLIANT LVLP-12-XLva	LVLP	1.2 mm (0.047 in)	1.0 mm (0.039 in)	300 cc/mn (10.1 oz/mn)	> 40cm (> 16 in)	135760512
Gun FPro Lock P CONV Solo (not sold in NA)	CONV	-	-	-	-	135764000
Gun FPro Lock P CONV-15-Lva	CONV	1.5 mm (0.059 in)	1.2 mm (0.047 in)	350 cc/mn (11.8 oz/mn)	30cm - 40cm (12in - 16in)	135764415
Gun FPro Lock P CONV-18-Lva	CONV	1.8 mm (0.071 in)	1.4 mm (0.055 in)	400 cc/mn (13.5 oz/mn)	30cm - 40cm (12in - 16in)	135764418
Gun FPro Lock P CONV-15-XLva	CONV	1.5 mm (0.059 in)	1.2 mm (0.047 in)	350 cc/mn (11.8 oz/mn)	> 40cm (> 16 in)	135764515
Gun FPro Lock P CONV-18-XLva	CONV	1.8 mm (0.071 in)	1.4 mm (0.055 in)	400 cc/mn (13.5 oz/mn)	> 40cm (> 16 in)	135764518

Kits

Designation	Spray gun	Hoses length	Feeding	Regulators	Part number
Pack Duo "FPro Lock P HVLP + Hoses"	FPro Lock P HVLP-12-XLva	7.5m (24.6 ft)	-	-	151280060
Pack Easy 02 "FPro Lock P HVLP + Airspray Tank 2L"	FPro Lock P HVLP-09-Lva	1.6m (5.2 ft)	Airspray Tank 2L Alu Top Output	1	152600213
Pack Easy 10 "FPro Lock P HVLP + Airspray Tank 10L "	FPro Lock P HVLP-12-Lva	7.5m (24.6 ft)	Airspray Tank 10L SST Top Output	1	152600201
Pack Easy 20 "FPro Lock P HVLP + Airspray Tank 20L "	FPro Lock P HVLP-12-Lva	7.5m (24.6 ft)	Airspray Tank 20L SST Top Output	1	152600202
Pack Productivity "FPro Lock P HVLP + Wall PMP150"	FPro Lock P HVLP-12-XLva	7.5m (24.6 ft)	PMP150 Wall Mounted with 3 reg	3	151280070
Pack Impact "FPro Lock P HVLP + Tripod PMP150"	FPro Lock P HVLP-12-XLva	7.5m (24.6 ft)	PMP150 Tripod Mounted with 2 reg	2	151280215
Pack Convenience "FPro Lock P HVLP + Tripod PMP150"	FPro Lock P HVLP-12-XLva	7.5m (24.6 ft)	PMP150 Tripod Mounted with 3 reg	3	151280080
Pack Duo "FPro Lock P LVLP + Hoses"	FPro Lock P LVLP-12-XLva	7.5m (24.6 ft)	-	-	151280030
Pack Easy 02 "FPro Lock P LVLP + Airspray Tank 2L"	FPro Lock P LVLP-09-Lva	1.6m (5.2 ft)	Airspray Tank 2L Alu Top Output	1	152600214
Pack Easy 10 "FPro Lock P LVLP + Airspray Tank 10L "	FPro Lock P LVLP-12-Lva	7.5m (24.6 ft)	Airspray Tank 10L SST Top Output	1	152600203
Pack Easy 20 "FPro Lock P LVLP + Airspray Tank 20L "	FPro Lock P LVLP-12-Lva	7.5m (24.6 ft)	Airspray Tank 20L SST Top Output	1	152600204
Pack Productivity "FPro Lock P LVLP + Wall PMP150"	FPro Lock P LVLP-12-XLva	7.5m (24.6 ft)	PMP150 Wall Mounted with 3 reg	3	151280040
Pack Impact "FPro Lock P LVLP + Tripod PMP150"	FPro Lock P LVLP-12-XLva	7.5m (24.6 ft)	PMP150 Tripod Mounted with 2 reg	2	151280220
Pack Convenience "FPro Lock P LVLP + Tripod PMP150"	FPro Lock P LVLP-12-XLva	7.5m (24.6 ft)	PMP150 Tripod Mounted with 3 reg	3	151280050
Pack Duo "FPro Lock P CONV + Hoses"	FPro Lock P CONV-15-XLva	7.5m (24.6 ft)	-	-	151280000
Pack Easy 02 "FPro Lock P CONV + Airspray Tank 2L"	FPro Lock P CONV-15-Lva	1.6m (5.2 ft)	Airspray Tank 2L Alu Top Output	1	152600215
Pack Easy 10 "FPro Lock P CONV + Airspray Tank 10L "	FPro Lock P CONV-15-XLva	7.5m (24.6 ft)	Airspray Tank 10L SST Top Output	1	152600205
Pack Easy 20 "FPro Lock P CONV + Airspray Tank 20L "	FPro Lock P CONV-15-XLva	7.5m (24.6 ft)	Airspray Tank 20L SST Top Output	1	152600206
Pack Productivity "FPro Lock P CONV + Wall PMP150"	FPro Lock P CONV-15-XLva	7.5m (24.6 ft)	PMP150 Wall Mounted with 3 reg	3	151280010
Pack Impact "FPro Lock P CONV + Tripod PMP150"	FPro Lock P CONV-15-XLva	7.5m (24.6 ft)	PMP150 Tripod Mounted with 2 reg	2	151280225
Pack Convenience "FPro Lock P CONV + Tripod PMP150"	FPro Lock P CONV-15-XLva	7.5m (24.6 ft)	PMP150 Tripod Mounted with 3 reg	3	151280020

Fpro Lock P

Manual Spray Gun



Airspray / Manual Guns

PROFESSIONAL FINISHING FOR ALL YOUR NEEDS

- NEW - Compatible BSP and NPS fittings
- The lightest spray gun for high productivity
- Constant high performance for all production lines

Markets



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Fpro Lock P

Manual Spray Gun

Fpro Lock P spray gun gives you the brand new Fpro finishing technology and consistent production whatever the operator's skills. Sames brings you the perfect solution for high level use in demanding environments. It is available in compliant and conventional versions for high transfer efficiency.

Fpro Lock P spray gun, the New standard in Airspray takes the guesswork out of operator set-up to achieve constant high finishing quality!

The Fpro Lock with pre-set adjustments is ideal for repeatable operator performance. Its lightweight reduces operator fatigue for extended use and makes a very big difference for any manual paint line at the end of every shift.

The **PATENTED pending restrictor** controls and pre-atomizes the paint into smaller droplets. It slows down the paint speed and increases the transfer efficiency for even better finish quality.

The **PATENTED pending Vortex** spins the paint improving uniformity of the spray pattern and allows paint penetration into complex-shaped part areas.

The **Fpro Lock 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 (87)	bar (psi)
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	366 (12.9)	g (oz)
High Voltage Unit	78 / 72	



Technologies



Paint Restrictor for spray gun



HVLP



Airspray LVLV



Airspray Conventional



Vortex



Description

Performance

- 1 Fpro Lock P spray gun gives the perfect finishing in high demand environments
- 2 Patent pending restrictor paint speed control and patent pending Vortex spinning effect delivers perfect atomization with very high transfer efficiency (up to 78%)
- 3 No more knob adjustments: the flow rate and pattern size are easily adjusted by changing the fluid nozzle and the aircap
 - ♦ Gun designed to be pre-set once to get the optimal performance and long-term constant production whatever the operator's knowledge

Productivity

- 4 The lightest manual spray gun in its class for extended use
- 5 Aluminum aircaps help reduce weight
- 6 Fpro Lock P is an extension of the arm and reduces operator injuries
- 7 Lightest trigger pull due to the built-in air valve
- 8 Reduced gun body to accommodate smaller hand sizes

Sustainability

- 9 Aesthetically pleasing design, high quality metal and machining with perfect anodization make the Fpro Lock the ultimate spray gun solution for all applications
- 10 A new design for fluid and air fittings, compatible with BSP and NPS terminated hoses.
 - ♦ Sames factory machined projectors (aircaps, nozzle and needle) ensure an extended life
 - ♦ Reduced needle and nozzle wear due to our new spraying technology
 - ♦ Simplified and quick maintenance due to the reduced number of components

