



# AVX AIRMIX®



Compact AIRMIX® Technology

Outstanding efficiency

Lightweight and compact design



# AVX Airmix® Automatic Gun



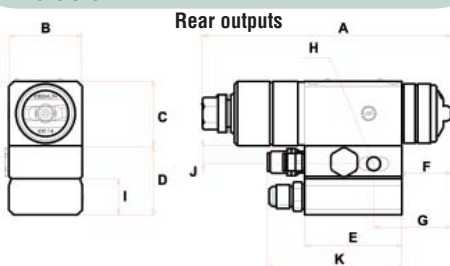
## Compact AIRMIX® technology

The new AVX automatic spray gun is now more compact and lightweight benefiting and increasing the performance, efficiency and reliability of automatic machines.

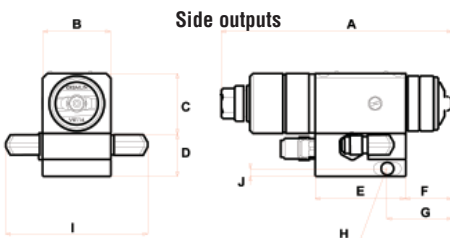
The quality of the spray pattern given by the latest generation Airmix® aircaps and spray tips gives a great finish and saves material.

The AVX has been tested on all the latest material including water-based and high viscosity systems up to 200 bar and brings a new dimension of spraying to automatic Airmix® technology.

### Dimensions



Ind.	A	B	C	D	E	F	G	H	I	J	K
mm	150	44.5	39	42	59	30	47	Ø 8	22	11	81,50
"	5.9	1.75	1.54	1.65	2.32	1.18	1.85	Ø 5/16	0.87	0.43	3.2



Ind.	A	B	C	D	E	F	G	H	I	J
mm	150	44.5	39	28	59	30	42	Ø 8,2	93	5
"	5.9	1.75	1.54	1.10	2.32	1.18	1.65	Ø 0.33	3.66	0.2

## A completely new design:

- Excellent finish quality, material savings, improved working conditions and spray area are results of the new VX114 aircap.
- Compatible with water-based products: all wetted parts made of stainless steel with a range of specific tips.
- The new design concept increases performance with most products; the fluid passages have been designed to reduce the risk of shearing on water-based paints and provides a more efficient flushing cycle.
- The modular construction enables you to meet all your needs with material circulation either in the base or the gun body and hose connection to the side or rear.
- A fan width adjustment kit is available as an option (supplied with the VX14 aircap).

## Specifications

### AVX gun

Max. air inlet pressure	87 psi (6 bar)
Maximum fluid inlet pressure	2900 psi (200 bar)
Minimum trigger air pressure	43.5 psi (3 bar)
Recommended atomizing air pressure	14.5 to 43.5 psi (1 to 3 bar)
Fluid output	depends on tip chosen (See Airmix Tip Chart)
Weight (gun without base)	15.9 oz (452 g)
Maximum Fluid Temperature	122°F (50°C)
Air consumption	1.8 to 4.4 cfm (3 to 7.5 m³/h)
Wetted parts	Stainless Steel and Treated Stainless Steel
Seat	Comes in Stainless Steel, carbide, and delrin

### Base for AVX gun

Type	Side ports	Rear ports
Material (gun base)	Air (Aluminum), Fluid (S/S)	Air (Aluminum), Fluid (S/S)
Weight (base only)	8.5 oz (240 g)	17 oz (480 g)

### Fittings

Connection	Gun base	Fittings supplied, non-installed
Fluid	F 1/4" NPS	M #5 JIC
Atomizing Air	F 1/4" NPS	M 1/4" NPS
Trigger Air	F 1/8" NPS	Quick fittings

### Configuration of the AVX gun with base

Model	Base type	Version	Gun & Base Only Part Number	Gun, base, VX114 aircap & tip
AVX Gun (⊥)	Side ports	Circulation in the base	129-695-000	668-695-000
AVX Gun (Ω)		Circulation in the gun	129-695-100	668-695-100
AVX Gun (⊥)	Rear ports	Circulation in the base	129-695-050	668-695-050
AVX Gun (Ω)		Circulation in the gun	129-695-150	668-695-150

### Airmix® AVX gun accessories

Type	Part number
Fan width adjustment kit (VX14 aircap, adjustment needle and fitting)	129-695-250
VX14 K HVLP air cap	132-670-920
VX114 K HVLP air cap	132-670-940
VX14 K HVLP test air cap w/ gauges	668-668-587
VX114 K HVLP test air cap w/ gauges	668-670-940



NOTE: For HVLP compliance, the maximum inlet air pressure at the gun base must not exceed 14.35 psi (0.99 bar) to maintain 10 psi or less at the air cap. Testing for HVLP compliance was performed using the specified HVLP test air cap, the fan control fully closed and a pressure gauge on the air inlet fitting at the gun base. It may also be a requirement of some regulatory agencies that users have the appropriate test air cap available on site to verify that the gun is being operated within the regulatory limitations.



EXEL North America, Inc.  
North American Headquarters  
1310 Washington Street  
West Chicago, IL 60185  
Phone: (630) 231-1900  
Fax: (630) 231-0088

EXEL Industrial Canada, Inc.  
Serving All Markets  
931 Progress Ave., Unit 7  
Scarborough, Ontario M1G 3V5  
Phone: (416) 431-5017  
Fax: (416) 431-9171

EXEL, S.A. de C.V.  
Serving All Markets  
Moisés Sáenz 1510, Col. Leones  
Monterrey, N. L. México, CP 64600  
Phone: (81) 1257-1111  
Fax: (81) 1352-8316