



Compact Spray Gun Parts

by DEVILBISS
PERFORMANCE SERIES

COMPACT SERIES

Air Cap	Part Number	Atomization	Pattern Width	Gun Inlet Pressure	CFM Required	Fluid Nozzle	Siphon, Pressure or Gravity Feed
506	SP-100-506-K	HVLP	12"	19 PSI	10.6	1.0 MM - 2.2 MM	P, G
507	SP-100-507-K	HVLP	15.7"	22 PSI	17.7	.85 MM - 2.2 MM	S, P, G
508	SP-100-508-K	HVLP	10"	14 PSI	11	1.0 MM - 1.4 MM	P
510	SP-100-510-K	Trans-Tech	10.6"	29 PSI	10	.85 MM - 2.2 MM	S, P, G
513	SP-100-513-K	Trans-Tech	13.8"	29 PSI	14.1	.85 MM - 2.2 MM	S, P, G
522	SP-100-522-K	Trans-Tech	13.8"	29 PSI	14.5	.85 MM - 2.2 MM	P
590	SP-100-590-K	Trans-Tech	5.9"	29 PSI	7.8	0.5 MM - 0.7 MM	P
591	SP-100-591-K	Trans-Tech	4.5"	29 PSI	12.4	0.5 MM - 0.7 MM	P
430	SP-100-430-K	Conventional	7.9"	50 PSI	12	1.0 MM - 2.2 MM	S, P, G
443	SP-100-443-K	Conventional	11.8"	45 PSI	12.3	1.0 MM - 2.2 MM	P
497	SP-100-497-K	Conventional	12"	50 PSI	18	1.0 MM - 2.2 MM	P
500R	SP-100-500R-K	ROUND	.5"-18"			.85 MM - 2.2 MM	P

COMPACT MINI

Air Cap	Part Number	Atomization	PSI	CFM
HS1	COMM-100-HS1	HVLP	29	5
TS1	COMM-100-TS1	Trans Tech	29	4
RS1	COMM-100-RS1	ROUND	15	2

COMPACT MINI

Orifice Size	Nozzle Part #	Needle Part #	
.038"	0.8 MM	COMM-200-08	COMM-300-0810
.039"	1.0 MM	COMM-200-10	COMM-300-0810
.047"	1.2 MM	COMM-200-12	COMM-300-1214
.055"	1.4 MM	COMM-200-14	COMM-300-1214

COMPACT NOZZLE

Orifice Size	Fluid Nozzle Number	Needle Part # Manual Guns	Needle Part # "I" Auto Guns	Needle Part # "X" Auto Guns	
.020"	.50 MM	SP-259S-05-K	NA	SPA-310-05-K	SPA-320-05-K
.024"	.60 MM	SP-200S-06-K	NA	NA	SPA-320-07-K
.028"	.70 MM	SP-259S-07-K	NA	NA	SPA-320-07-K
.033"	.85 MM	SP-200S-085-K	SP-300S-085-K	SPA-310-085-K	SPA-320-085-K
.039"	1.0 MM	SP-200S-10-K	SP-300S-10-K SP-300P-10-K(Plast)	SPA-310-10-K or SPA-310P-10-K (plastic)	SPA-320-10-K SPA-320P-10-K (plastic)
.047"	1.2 MM	SP-200S-12-K	SP-300S-12-K	NA	NA
.055"	1.4 MM	SP-200S-14-K	SP-300S-14-K SP-300P-14-K(Plast)	SPA-310-14-K or SPA-310P-14-K (plastic)	SPA-320-14-K SPA-320P-14-K (plastic)
.063"	1.6 MM	SP-200S-16-K	SP-300S-16-K	NA	NA
.070"	1.8 MM	SP-200S-18-K	SP-300S-18-K	SPA-310-18-K	SPA-320-18-K
.086"	2.2 MM	SP-200S-22-K	SP-300S-22-K	SPA-310-22-K	SPA-320-22-K



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New HVLP Air Cap

Good on manual & automatic guns

The 508 is the latest addition to our Compact Air Cap line. This HVLP Air Cap is ideal for stains, but also works well with paint and other low to medium viscosity materials.



DeVilbiss 508 Air Cap

Can be used over DeVilbiss fluid nozzles (Part Number)	Orifice Size	Compact Manual Pressure HVLP Gun	Compact-I Automatic Pressure HVLP Gun	Compact-X Automatic Pressure HVLP Gun
SP-200S-10-K	1.0 MM (.040")	YES	YES	YES
SP-200S-14-K	1.4 MM (.055")	YES	YES	YES

DeVilbiss 508 AIR CAP

Part Number: SP-100-508-K

Type: HVLP

External Mix

Pressure Feed Only

Typical Applications: Wood, Leather, General Industrial, Metal, Plastic

Typical Fluid Flow Specifications: Low to Medium Production

15 sec. - 35 sec. Zhan 2 Viscosity Materials

Original Design Specification: Solvent and Water based coatings, Elliptical pattern.

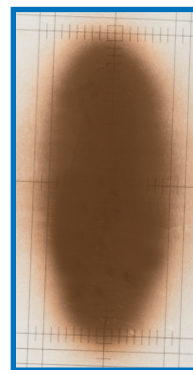
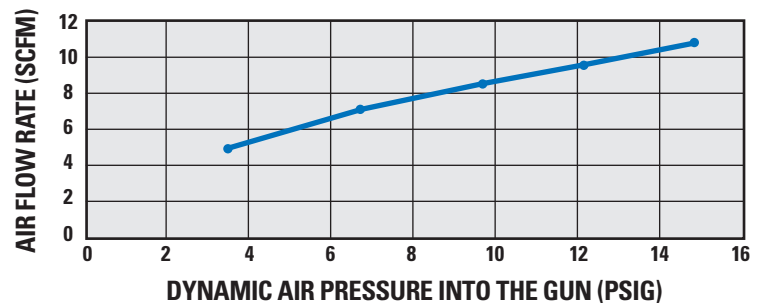
14 PSI Air inlet pressure - 10 psi at Air Cap

Materials of Construction: Brass Alloy Air Cap, Nickel Plated

Air Cap Test Kit: KK-5090-508

Supplied complete with Air Cap Ring and 15 PSI Gauge

Air Consumption Graph



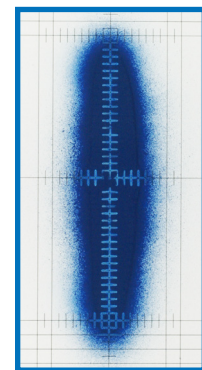
Stain Application:

Ellipse Shape pattern

Design Target Distance: 8"

Typical Fan Pattern Size: 10"

with 1.4 mm fluid nozzle-pressure feed



Typical Enamel Coating Application:

Ellipse Shape pattern

Design Target Distance: 8"

Typical Fan Pattern Size: 10"

with 1.4 mm fluid nozzle-pressure feed