

Devilbiss Air Cap Chart & Overview

Model No.	Part No. (without Retaining Ring)	Part No. (incl. Retaining Ring)	Operating Range (BAR/PSI)	Air Flow (LPM/SCFM)	Pattern Size (MM/INCH)	Air Cap Type	Spray Gun Model
1	FLG-1-1		3.1/45	350/12.4	250/9.8	conventional	FLG-2 (FLG-611, FLG-601, FLG-606)
2	FLG-1-2		2.8/40			conventional	FLG-2 (FLG-611)
3	FLG-1-3		1.6/23	367/13.0	267/10.5	HVLP	FLG-4 (FLG-670, FLG-671, FLG-678)
4	FLG-1-4		1.8/26	425/15.0	318/12.5	HVLP	FLG4 Pressure Feed
5	FLG-1-5		2/29	277/9.8	300/12	TransTech	FLG-5
13	JGHV-16-13			480/17	305/2.2	HVLP	AGGS-522
18	JGHV-16-18			480/17	495/19.8	HVLP	AGGS-522
24	AV-40-24		3.5/50	396/14	175/7	conventional	AGX, MBC-510
28	JGHV-101-28				280/11	HVLP	AGXV
30+		MB-4039-30	3/45	301/11		conventional	JGA, JGV
30		MB-4039-30	3.5/50	340/12	250/10	conventional	AGX
30		AV-4239-30	3.5/50	275/9.7	215/8.6	conventional	JGA, GFG, AGG-510, AGN-502
33A	JGHV-101-33A				229/9	HVLP	AGXV
35L	AV-1239-35L		3.5/50	136/4.8	150/6	conventional	
35		AV-4239-35	4.1/60	144/5		conventional	AGN-502

Model No.	Part No. (without Retaining Ring)	Part No. (incl. Retaining Ring)	Operating Range (BAR/PSI)	Air Flow (LPM/SCFM)	Pattern Size (MM/INCH)	Air Cap Type	Spray Gun Model
43		AV-4239-43	3/45	307/10.8		conventional	JGA, JGV
43	31767-43	AV-4239-43		345/12.2	241/9.6	conventional	MSA, GFG, AGG-510
43	31767-43	AV-4239-43	4.1/60	396/14	250/10	conventional	AGN-502, JGV
46C	AGMD-46C			637/22.5	275/11	HVLP	
46MP	JGHV-101-46MP				275/11	HVLP	JGP/V, AGXV
58		AV-439-58	2.8/40	170/6	225/9	conventional	MBC-510
58		AV-439-58	3.4 /50	215/7.6		conventional	AGX, AGG-510, AGN-502
62		AV-4039-62	3 /45	449/15.9		conventional	JGA, JGV
62		AV-4039-62	3.4/50	445/15.7	205/8.2	conventional	AGG-510, AGN-502, T-AGB
62HD		MB-4039-62HD	5.5/80	538/19	200/8	conventional	MSA, AGX, MBC-510
64		MB-4039-64	3/45	432/15.3		conventional	JGA, JGV
64		MB-4039-64	3.4/50	462/16.3	255/10.2	conventional	JGA, AGG-510, AGN-502, T-AGB
64HD		MB-4039-64HD	5.5/80	623/22	350/14	conventional	MSA, AGX, MBC-510
67		MB-4039-67	3.5/50	467/16.5		conventional	AGG-510, AGN-502
67HD		MB-4039-67HD	3.5/50	481/17	325/13	conventional	MSA

Model No.	Part No. (without Retaining Ring)	Part No. (incl. Retaining Ring)	Operating Range (BAR/PSI)	Air Flow (LPM/SCFM)	Pattern Size (MM/INCH)	Air Cap Type	Spray Gun Model
69HD		MB-4039-69HD	3.5/ 50	538/19	350/14	conventional	MBC-510
78		MB-4039-78	4.1/60	594/21	350/14	conventional	JGA, AGG-510, AGN-502, JGV
78		MB-4039-78	3/45	457/16		conventional	JGA, JGV
80		MB-4039-80	4.1/60	396/14	326/13	conventional	GFG, AGN-502, JGV
80		MB-4039-80	3 /45	311/11		conventional	JGA, JGV, MBC-510
80		MB-4039-80		334/11.8	279/11.2	conventional	GFG, AGG-510
83P	JGHV-101-83P				330/13	HVLP	AGXV
90		CV-39-90	2.8/40	113/4	112/4.5	conventional	AGF-506
92		CV-439-92	3.5/50	169/6	112/4.5	conventional	AGF-506
103	JGX-3-103		1 /14.5	80/2.8	100/4	conventional	JGX-502
105		GTI-407-105	2/29	453/16	265/10.6	conventional	GTI
110		GTI-407-110	2/29	269/9.5	270/10.8	conventional	GTI
122		GTI-407-122	3/45	680/24	300/12	conventional	GTI
123		GTI-407-123	3/45	510/18	270/10.8	conventional	GTI-A, GTI
143	JGX-3-143		2/29	260/9.2	250/10	conventional	JGX-502
162	JGHV-16-162			510/18	365/14.6	HVLP	AGGS-522
165	JGX-3-165		3/45	440/15.5	300/12	conventional	JGX-502
186	AV-1239-186	AV-4239-186	3.5/50	331/11.7	254/10.2	conventional	MSA, GFG, AGG-510, AGN-502
186+		AV-4239-186	3/45	344/12.2		conventional	JGA, JGV
205		SRI-407-205	2/29			HVLP	SRI

Model No.	Part No. (without Retaining Ring)	Part No. (incl. Retaining Ring)	Operating Range (BAR/PSI)	Air Flow (LPM/SCFM)	Pattern Size (MM/INCH)	Air Cap Type	Spray Gun Model
210		SRI-407-210	2/29			compliant	SRI
215		SRI-407-215	2/29			HVLP	SRI
390		EGA-40-390	2.1/30	85/3	75/3	conventional	EGA-502
394		EGA-40-394		74/2.6		conventional	EGA-502
395		EGA-439-395	2.8/40	85/3	150/6	conventional	EGA-502
410		AV-440-410		368/13		conventional	GFG-670, Plus
414		AV-440-414		538/19		conventional	Plus
430		SP-100-430-K	3.5/50	339/12	200/8	conventional	Cobra, ADV
443		SP-100-443-K	3/45	345/12.3	300/12	conventional	Cobra, ADV
470		SP-100-470-K	3/45	465/16.4	420/16.8	conventional	ADV
497		SP-100-497-K	3.5/50	510/18	380/15.2	conventional	Cobra, ADV
500R		SP-100-500R-K	1/ 14	195/7	roundspray	HVLP	ADV
505		SP-100-505-K	1.3/19	385/13.6	270/10.8	HVLP	Compact, Cobra, ADV
510		SP-100-510-K	2/29	283/10	270/10.8	TRANS-TECH	Compact, Cobra, ADV, ADV
513		SP-100-513-K	2/29	394/14.1	350/14	TRANS-TECH	Cobra, ADV
522		SP-100-522-K	2/29	410/14.5	350/14	TRANS-TECH	Cobra, ADV
523		SP-100-523-K	2/29	410/14.5	300/12	TRANS-TECH	ADV
590		SP-100-590-K	2/29	218/7.8	150/6	TRANS-TECH	Cobra, ADV
591		SP-100-591-K	2/29	218/7.8	150/6	TRANS-TECH	ADV
622	FLG-1-622		2.3/35	311/11	300/12	TRANS-TECH	FLG-5

Model No.	Part No. (without Retaining Ring)	Part No. (incl. Retaining Ring)	Operating Range (BAR/PSI)	Air Flow (LPM/SCFM)	Pattern Size (MM/INCH)	Air Cap Type	Spray Gun Model
704	AV-1239-704		4.8/70	594/21	300/12	conventional	AGX, AGG-510, JGV
704	AV-1239-704		3/45	418/15		conventional	JGP/V, JGA, JGV, MBC-510
704	AV-1239-704		3.4/50	420/14.8	305/12.2	conventional	MSA, JGA, AGG-510, AGN-502, T-AGB
705	AV-1239-705		1.7/25	232/8.2	255/10.2	conventional	JGA, AGG-510, T-AGB
705		AV-4239-705	2/29	260/9.2		conventional	AGG-510, AGN-502
765	AV-1239-765		5.5/80	623/22	375/15	conventional	JGP/V, JGV, MBC-510
765		AV-4239-765	3/45	476/16.8		conventional	JGA, JGV
765		AV-4239-765	4.8/70	547/19.3	330×50	conventional	MSA, JGA, AGG-510, AGN-502
765	AV-1239-765					conventional	AGX, T-AGB
765C	AGMD-765C		5.5/80	623/22	375/15	conventional	
770	AV-1239-770		4.8/70	623/22	375/15	conventional	AGX
777	31767-777		4.8/70	651/23	350/14	conventional	JGP/V, JGV, MBC-510
777		AV-4239-777	3/45	462/16.3		conventional	JGA, JGV
777		AV-4239-777	4.8/70	674/23.8		conventional	MSA, AGG-510, AGN-502

Model No.	Part No. (without Retaining Ring)	Part No. (incl. Retaining Ring)	Operating Range (BAR/PSI)	Air Flow (LPM/SCFM)	Pattern Size (MM/INCH)	Air Cap Type	Spray Gun Model
797	AV-1239-797		4.8/70	594/21	425/17	conventional	JGP/V, AGX, T-AGB, JGV, MBC-510
797		AV-4239-797	3/45	462/16.3		conventional	JGA, JGV
797		AV-4239-797	4.8/70	680/24	355/14.2	conventional	MSA, JGA, AGG-510, AGN-502
797C	AGMD-797C		4.8/70	594/21	425/17	conventional	
805	AV-1239-805			280/9.9	220/8.7	LVMP	T-AGPV, T-AGHV
807	AV-1239-807			280/9.9	280/11.0	LVMP	T-AGPV, T-AGHV
880		MB-4039-880	3.5/50	346/12		conventional	AGN-502
880		MB-4039-880	4.1/60	425/15	325/13	conventional	
2000		GTI-407-2000	0.7/10	453/16		HVLP	EXL-502
9000		AW-440-9000, AV-9000	3/45	340/12	250/10	conventional	GFG, MBC-510
C1		PROC-120-C1-K	3/45	300/10.6		conventional	JGA-HD/JGA-PRO, GFG-HD, GFG-PRO
C2		PROC-120-C2-K	4.0/58	400/14.1		conventional	JGA-HD/JGA-PRO, GFG-HD/GFG-PRO
C3		PROC-120-C3-K	4.0/58	410/14.5		conventional	JGA-HD/JGA-PRO
DV1-B	704407			400/14.1	330/13	HVLP	DV1

Model No.	Part No. (without Retaining Ring)	Part No. (incl. Retaining Ring)	Operating Range (BAR/PSI)	Air Flow (LPM/SCFM)	Pattern Size (MM/INCH)	Air Cap Type	Spray Gun Model
DV1-B+	704408			300/10.5	325/12.8 in	HVLP	DV1
	SPA-100-E31		2.5/36	340/12	300/12	TRANS-TECH	Viper
E63	SPA-100-E63		3.5/51	450/16	300/12	conventional	Viper
E70	SPA-100-E70		4.0/58	540/19	450/18	conventional	Viper
H1		PRO-100-H1-K	2/29	450/15.9	310/12	HVLP	GTI-PRO
T1		PRO-100-T1-K	2/29	280/10	290/11.6	TRANS-TECH	GTI-PRO
T2		PRO-100-T2-K	2/29	350/12.4	290/11.6	TRANS-TECH	GTI-PRO
T110		PRO-102-T110-K	2/29	265/9.4	290/11.6	TRANSTECH	GTI-PRO LITE, PRO LITE
HV30		PRO-102-HV30-K	2/29	460/16.3	325/13	HVLP	GTI-PRO LITE, PRO LITE
HV30		703540	1.6/24	467/16.5		HVLP	TEKNA-PRO LITE
HV40		703621	1.2/17	298/10.5		HVLP	TEKNA-PRO LITE
TE10		PRO-102-TE10-K	2/29	270/9.6	310/12	TRANSTECH	GTI-PRO LITE, PRO LITE
TE10		703538	2.4/35	311/11.0		TRANSTECH	TEKNA-PRO LITE
TE20		PRO-102-TE20-K	2/29	360/12.8	300/12	TRANSTECH	GTI-PRO LITE, PRO LITE
TE20		703539	1.8/26	340/12		TRANSTECH	TEKNA-PRO LITE
TE30		PRO-102-TE30-K	2/29	365/13	320/13	TRANSTECH	GTI-PRO LITE, PRO LITE
TE40		PRO-102-TE40-K	2/29	350/12	420/16.8	TRANSTECH	GTI-PRO-

Model No.	Part No. (without Retaining Ring)	Part No. (incl. Retaining Ring)	Operating Range (BAR/PSI)	Air Flow (LPM/SCFM)	Pattern Size (MM/INCH)	Air Cap Type	Spray Gun Model
							LITE, TEKNA-PRO LITE, PRO LITE
HS1		SRIPRO-100-HS1-K	2/29	135/4.8	165/6.6	HVLP	SRI-PRO
TS1		SRIPRO-100-TS1-K	2/29	100/3.5		TRANS-TECH	SRI-PRO
RS1		SRIPRO-100-RS1-K	1/14.5	55/1.9		TRANS-TECH	SRI-PRO
P1		PRIPRO-100-P1-K	2/29	350/12.4		TRANS-TECH	PRI-PRO
PR10		PRIPRO-100-PR10-K	2/29	300/10.6	320/12.8	TRANS-TECH	PRI-PRO LITE
HV25		PRO-102-HV25-K	1.1/15.7	230/8.1	320/12.8	HVLP	GTI-PRO LITE
TE5		SRIPRO-100TE5-K	2/29	100/3.5	180/7.2	TRANSTECH	SRI-PRO LITE
HV5		SRIPRO-100-HV5-K	2/29	135/4.8	165/6.6	HVLP	SRI-PRO LITE
RS1		SRIPRO-100-RS1-K	1.5/21.4	55/1.9	40/1.6	HVLP/TRANSTECH	SRI-PRO LITE
MC1		SRIPRO-102-MC1-K	1.5/21.4	50/1.8	50/2	TRANSTECH	SRI-PRO LITE
GP1		PRO-102-GP1-K	2/29	270/9.6	320/12.8	TRANSTECH	GPI
LMG-2		LMG-2	3.5/50	260/9.2	200/8	conventional	

NOTE: we cannot guarantee for the accuracy or are responsible for any mistakes/errors. This is a general guide only. If you want to use a specific fluid nozzle please check the manual.



[- Visit SprayFinishing Insider -](#)