

Spray Gun Set Up Chart

AWX® Waterborne Basecoat Application

Spray Gun needs to be selected according to the painters application style and spray environment. No one gun is recommended above another.

Model*	Tip Size (mm)	Fluid Needle (N. of turns out)	Pressure @ the gun Coverage	Pressure @ the cap* Coverage	Pressure @ the gun Finesse	Pressure @ the cap* Finesse
Tekna Basecoat	1,3	2 - 3.5	1,5 Bar	0,5 - 0,6 Bar	0,8-1,0 Bar	0,3 Bar
Tekna HE Waterborne 7E7 Air Cap	1,2	2.5 - 3.5	1,5 - 1,7 bar	N/A	0,8-1,0 Bar	N/A
DeVilbiss Cvi 510 Air Cap	1.2 - 1.3	2 - 3.5	1,1 - 1,2 Bar	N/A	0,8-1,0 Bar	N/A
DeVilbiss GTIW	1,3	3.5	1,4 - 1,7 Bar	0,4 - 0,6 Bar	0,8-1,0 Bar	0,3 Bar
Iwata WS400 gold cap	1,3	2.5 - 3.5	1,0-1,4 Bar **	0,4 - 0,6 Bar	0,7-0,8 Bar **	0,3 Bar
Iwata LPH400-LV or LVX Orange Air Cap	1,3	2.5 - 3.5	1,0-1,4 Bar **	0,4 - 0,6 Bar	0,7-0,8 Bar **	0,3 Bar
Iwata WS400	1,3	2.5 - 3.5	1,4 Bar	N/A	0,8-1,0 Bar **	N/A
** Important - Pressure must be obtained with the trigger pulled and fluid coming out of the gun.						
Sata NR 2000	1,3 WSB	3 3	1,4 - 1,7 Bar 1,4 - 1,7 Bar	0,4 - 0,6 Bar 0,4 - 0,6 Bar	1,0-1,2 Bar 1,0-1,2 Bar	0,3 Bar 0,3 Bar
Sata Jet 3000 RP	1,2	2 - 2.5	1,7 - 1,9 Bar	N/A	1,2-1,5 Bar	N/A
Sata NR 3000	1,3 WSB	2 2	1,4 - 1,7 Bar 1,4 - 1,7 Bar	0,4 - 0,6 Bar 0,4 - 0,6 Bar	1,0-1,2 Bar 1,0-1,2 Bar	0,3 Bar 0,3 Bar
* Models listed are HVLP or Compliant						
* For HVLP Guns - Always check for 10 lbs. at the air cap using the appropriate air cap test kit.						

Notes:

- 1) For Areas of high humidity and/or cooler temperatures, smaller tip sizes may be a better choice.
- 2) When adjusting the fluid needle , start at the mid-range that is listed and then adjust a 1/2 turn on the needle in or out until you get the fluid delivery that fits your application speed and environmental conditions.
- 3) For the pressure adjustment, start at the mid-range and then adjust up or down on the pressure to get the desired atomization for your application speed and environment.

For questions regarding the correct spray equipment for your shop, please contact your local Sherwin-Williams Automotive Technical Representative for assistance.



Spray Gun Set Up Chart

Clearcoat Application

*Spray Gun needs to be selected according to the painters application style and spray environment.
No one gun is recommended above another.*

Model	Material Being Sprayed	Tip Size (mm)	Fluid Needle (# of turns out)	Pressure @ the gun	Pressure @ the cap*
Tekna Clearcoat	Clearcoat	1,3	3 - 4	1,5 - 1,7 Bar*	0,7 Bar
	HPC15	1,4	Full Open	1,2 - 1,4 Bar*	0,5 - 0,6 Bar
Tekna HE 7E7 Air Cap	Clearcoat	1.3 - 1.4	3 - 4	1,5 - 1,7 Bar*	N/A
	HPC15	1,4	Full Open	1,2 - 1,4 Bar*	N/A
Devilbiss Cvi 510 Air Cap	Clearcoat	1,3	2.5 - 3.5	2,0 Bar*	N/A
	HPC15	1,3	Full Open	1,8 -2,0 Bar*	N/A
Iwata LS400 silver cap or LPH400- LV	Clearcoat	1.3 - 1.4	Full Open	1,4 Bar *	0,7 Bar
	HPC15	1.3 - 1.4	Full Open	1,4 Bar *	0,7 Bar
Iwata WS400 or W400LV	Clearcoat	1.3 - 1.4	Full Open	1,8 Bar *	N/A
	HPC15	1,4	Full Open	1,8 Bar *	N/A
Sata NR3000	Clearcoat	1,4	2 - 2.5	1,9 Bar*	0,7 Bar
	HPC15	1,4	Full Open	1,5 - 1,7 Bar*	0,6 Bar
Sata Jet 3000 RP	Clearcoat	1.2 - 1.3	2.5 - 3	2,2 - 2,3 Bar*	N/A
	HPC15	1,4	Full Open	1,7 - 1,9 Bar*	N/A
Sata NR2000	Clearcoat	1,3	2.5 - 3.5	1,9 Bar*	0,7 Bar
	HPC15	1,4	Full Open	1,5 - 1,7 Bar*	0,5 - 0,6 Bar

* **Important** - Pressure must be obtained with the trigger pulled and fluid coming out of the gun.

* **For HVLP Guns** - Always check for 10 lbs. at the air cap using the appropriate air cap test kit.

Notes:

1) When adjusting the fluid needle , start at the mid-range that is listed and then adjust a 1/2 turn on the needle in or out until you get the fluid delivery that fits your application speed and environmental conditions.

2) For the pressure adjustment, start at the mid-range and then adjust up or down on the pressure to get the desired atomization for your application speed and environment.

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Spray Gun Set Up Chart

Solvent-Borne Basecoat Application

*Spray Gun needs to be selected according to the painters application style and spray environment.
 No one gun is recommended above another.*

Model*	Tip Size (mm)	Fluid Needle (# of turns out)	Pressure @ the gun	Pressure @ the cap*	Material Being Sprayed
Tekna Basecoat	1,3	2 - 3.5	1,4 - 1,5 Bar	0,5 - 0,6 Bar	Basecoat
Tekna Clearcoat	1,3	3 - 4	1,5 - 1,6 Bar	0,7 Bar	Clearcoat
Tekna HE -	1.3 - 1.4	3 - 4	18 - 1,6 Bar	N/A	Clearcoat
7E7 Air Cap	1,3	2.5 - 3.5	1,5 - 1,6 Bar	N/A	Basecoat
DeVilbiss Cvi	1,3	2.5 - 3.5	1,1 - 1,2 bar	N/A	Basecoat
510 Air Cap	1,3	2.5 - 3.5	2,0 Bar	N/A	Clearcoat
DeVilbiss GTI	1.3 - 1.4	3 - 3.5	1,4 - 1,7 Bar	0,4 - 0,6 Bar	Basecoat
	1,3	2.5 - 3.5	2,1 Bar	0,7 Bar	Clearcoat
DeVilbiss PLUS	1,3	2.5 - 3.5	2,1 - 2,8 Bar	N/A	Clearcoat
Binks M1G	1,4	2.0 - 2.5	1,2 - 1,4 Bar	0,7 Bar	Primer
Iwata LS400 Gold Cap or LPH400	1,3	2.5 - 3.5	1,0 - 1,3 Bar **	0,4 - 0,6 Bar	Basecoat
Iwata LS400 Silver Cap or LPH400-LV	1.3 - 1.4	Full Open	1,4 Bar **	0,7 Bar	Clearcoat
Iwata LPH300-LV	1,3	2.5 - 3.5	1,0 - 1,4 Bar **	0,3 - 0,6 Bar	Primer
	1,3	2.5 - 3.5	1,4 - 2,1 Bar **	0,6 Bar	Sealer/BC
Iwata WS400 or W400LV	1,3	Full Open	1,8 Bar **	N/A	Clearcoat
	1,4	Full Open	1,8 Bar **	N/A	Clearcoat
Iwata LPH440	1,4	2.5 - 3.5	1,0 - 1,4 Bar **	0,6 - 0,7 Bar	Primer
** Important - Pressure must be obtained with the trigger pulled and fluid coming out of the gun.					
Sata NR 3000	1,4	2 - 2.5	1,9 Bar	0,7 Bar	Clearcoat
Sata Jet 3000 RP	1.2 - 1.3	2.5 - 3	2,2 - 2,3 Bar	N/A	Clearcoat
Sata NR 2000	1.3 - 1.4	2.5 - 3	1,4 - 1,7 Bar	0,5 - 0,6 Bar	Basecoat
	1,3	2.5 - 3.5	1,9 Bar	0,7 Bar	Clearcoat
Sata NR 95	1,4	2.5 - 3	1,7 - 1,9 Bar	0,4 - 0,6 Bar	Basecoat
	1,3	2.5 - 3.5	2,4 - 2,8 Bar	0,6 - 0,7 Bar	Clearcoat

*** All Models are HVLP or Compliant Guns**

*** Always check for 0,7 Bar at the air cap using the appropriate air cap test kit.**

Notes:

1) When adjusting the fluid needle , start at the mid-range that is listed and then adjust a 1/2 turn on the needle in or out until you get the fluid delivery that fits your application speed and environmental conditions.

2) For the pressure adjustment, start at the mid-range and then adjust up or down on the pressure to get the desired atomization for your application speed and environment.

For questions regarding the correct spray equipment for your shop, please contact your local Sherwin-Williams Automotive Technical Representative for assistance.