Spray Gun Set Up Chart

VORTEX® 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 (# 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	21 - 22 psi	7 - 8 psi	12-15 psi	4-5 psi
Tekna HE Waterborne 7E7 Air Cap	1.2	2.5 - 3.5	22 - 24 psi	N/A	12-15 psi	N/A
DeVilbiss Cvi 510 Air Cap	1.2 - 1.3	2 - 3.5	16 - 18 psi	N/A	12-15 psi	N/A
DeVilbiss GTIW	1.3	3.5	20 - 25 psi	6 - 8 psi	12-15 psi	4-5 psi
Iwata WS400 gold cap	1.3	2.5 - 3.5	15-19 psi **	6 - 8 psi	10-12 psi **	4-5 psi
Iwata LPH400-LV or LVX Orange Air Cap	1.3	2.5 - 3.5	15-20 psi **	6 - 8 psi	10-12 psi **	4-5 psi
Iwata WS400	1.3	2.5 - 3.5	20 psi	N/A	12-15 psi **	N/A
** Important - Pressure must be obtained with the trigger pulled and fluid coming out of the gun.						
Sata NR 2000	1.3	3	20 - 24 psi	6 - 8 psi	15-18 psi	4-5 psi
	WSB	3	20 - 24 psi	6 - 8 psi	15-18 psi	4-5 psi
Sata Jet 3000 RP	1.2	2 - 2.5	24 - 28 psi	N/A	18 - 22 psi	N/A
Sata NR 3000	1.3	2	20 - 24 psi	6 - 8 psi	15-18 psi	4-5 psi
	WSB	2	20 - 24 psi	6 - 8 psi	15-18 psi	4-5 psi

** 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 Martin Senour Automotive Technical Representative for assistance.

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