

**SSG EcoValve for Waterbased Products  
(Airfreshner, BodySpray, Hairspray, Insecticide, Polish and Disinfectant)  
using Compressed Gas (Nitrogen or Compressed Air)**

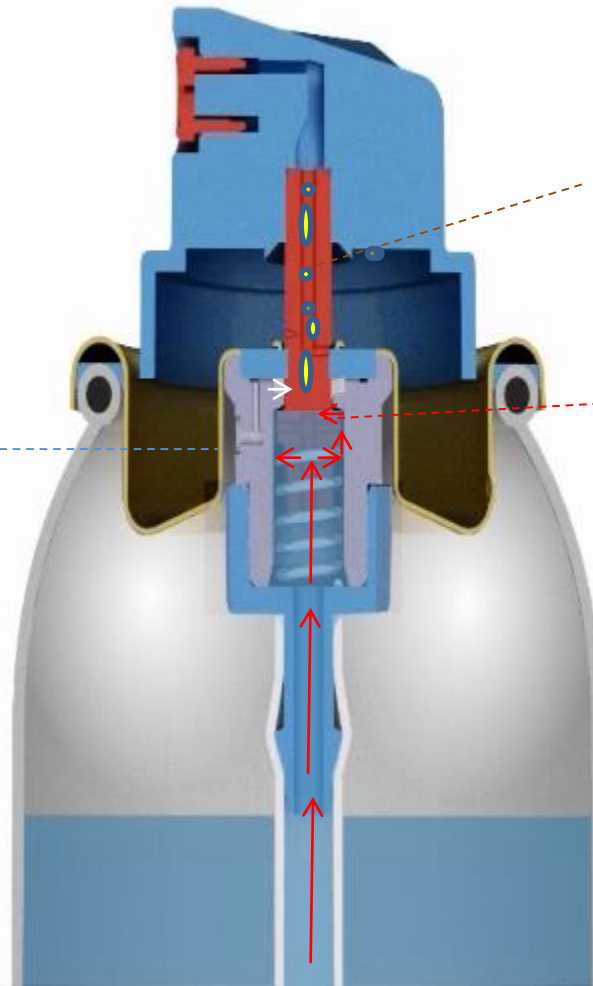
# Operation of SSG EcoValve

*Fine Spray*

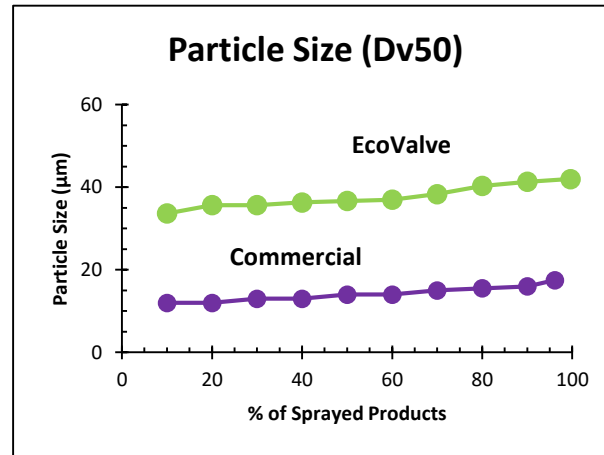
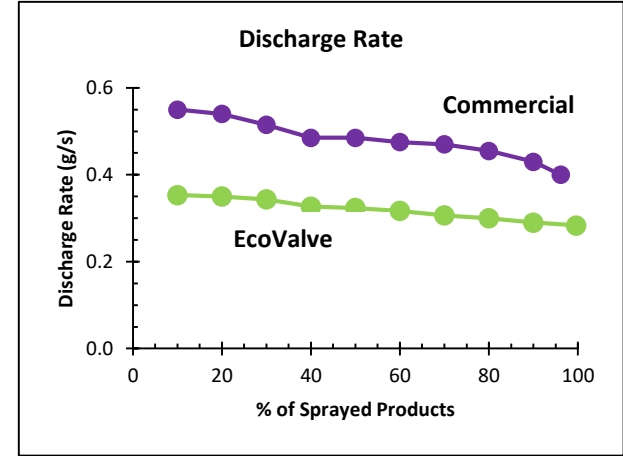
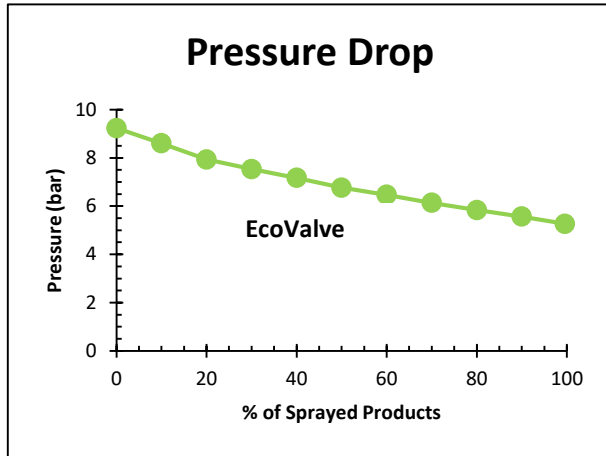
Bubbly flow

Gas Bleeding

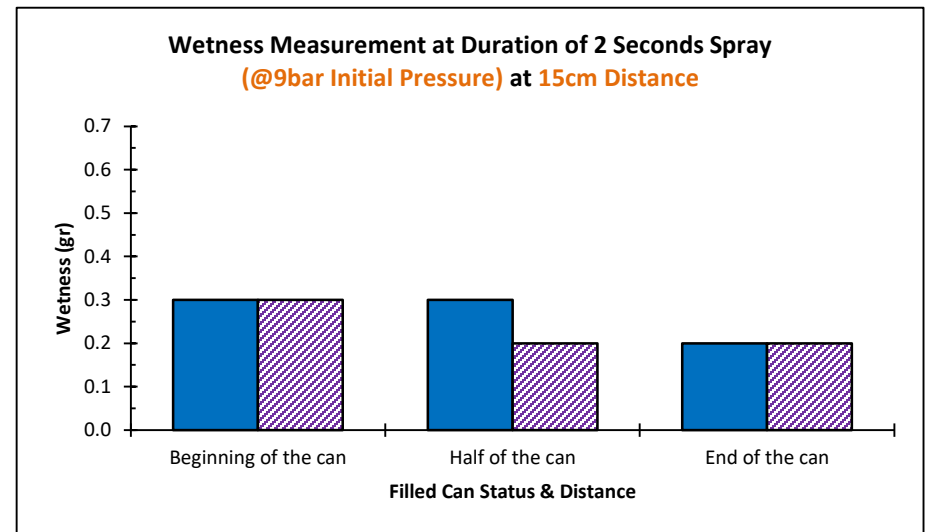
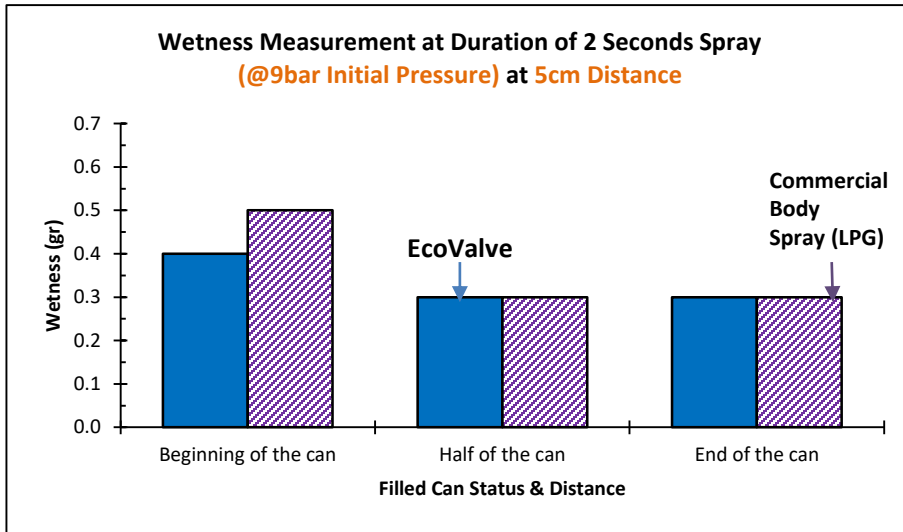
Liquid



	Pressure Drop (bar)	Fill Ratio	Average Discharge Rate (g/s)	Average Particle Size, DV50 (µm)	Spray Cone Angle (degree)
<b>Commercial Body Spray with LPG</b>	-	-	0.48 ± 0.05	14 ± 2	25 ± 5
<b>SSG-EcoValve – 9bar (Nitrogen or Compressed Air Propellant)</b>	9.2 – 5.3	40 : 60 (Product : Propellant)	0.32 ± 0.02	38 ± 3	35 ± 5



# Wetness Comparison Body spray ( LPG ) with EcoValve (Nitrogen or Compressed air) at 5cm and 15cm Distance



**SSG-EcoValve with Compressed Gas  
( Nitrogen or Compressed Air)**

Fine Spray + Compressed Gas



**Commercial Body Spray with LPG**

Dense Spray (Flash vaporise)+LPG Gas

