



The Earlex Group was established and founded in 1987 by Mr Julian Baseley. Located in Guildford UK (South West of London) with approximately 145 staff, it is the worlds largest manufacturer of consumer and professional HVLP Spray systems and Wallpaper steamers. All products are manufactured in the UK. Earlex also have a base in North Carolina USA and Lyon, France for their European distribution.

Earlex were the first company to ever develop a consumer based Wallpaper Steamer. They made this steamer for Black & Decker and Wagner. In 2006 they ceased making the steamers for both these companies and concentrated solely on their own branded units.

Paint Sprayers fall into 4 major categories

### **1. Airless Electric – Contractor/Industrial**

Designed for painting very large areas quickly with little regard to the finish. Overspray and clean up is a huge issue with this system. If you don't clean up and lubricate the piston you will have a problem when next using the unit.

### **2. Airless – Consumer AKA Buzz Gun**

Compared to the contractor version the all in one hand held unit is ideally targeted at the everyday DIY person, affordable and compact. These products are problems for many retailers as the consumer fails to clean and/or lubricate properly after use leading to high product returns. Once again they can paint areas quickly but in addition to the many problems they have issues of weight, vibration and noise.

### **3. Compressor Systems**

A compressor creates and delivers air via a hose to an air tool – spray gun. A combination of the right gun and tank, these units perform very well and can give an excellent finish. The guns are light weight and easy to use but one of the issues with the Compressor system are the large tanks. They are usually heavy, not very portable and also expensive just to use as a sprayer. Spray guns with air compressors tend to be called non-bleed which means when the trigger isn't pulled then no air or paint comes through the gun.

## 4. HVLP Systems

HVLP means High Volume Low Pressure and is in some ways similar to a compressor but without the bulk. Instead of compressed air it uses air created by a turbine motor, similar to that used on a vacuum cleaner. The airflow is an important factor in determining atomisation – that is how thin you need to make your paint suitable for spraying.

Paint spraying is the most effective way of applying paint. It is much faster than a brush or roller and in some cases will provide a far superior finish.

HVLP spraying is a much friendlier way to spray and gives you greater control of the spray. It makes it much easier to achieve high quality finishes with very little experience or skill.

Whilst the units are not as fast as an airless system they can still spray quickly without all the pain of an airless system and save you on paint in the process. They can still spray a 6 foot by 6 foot fence in as little as 2 minutes and are also great for intricate jobs such as furniture and toys achieving REFLECTION LIKE finishes.

The Earlex HVLP units can use latex, water, acrylic and automotive paints. Polyurethane, enamels, varnishes and oils. Some of these products require no thinning while others do.

Different needles and tips are available and in some cases essential to get a higher quality finish or spray thicker materials.

HVLP has minimal overspray and less paint wastage compared to a brush, a roller, a compressor or an electric spray gun. A benefit of low overspray means that spray painting is not just an outdoor activity anymore it can be used internally or externally.

The Units have variable output control and 3 spray patterns. Crosshatching (vertical spray then horizontal) technique is recommended to save applying many coats.



Vertical Jet



Horizontal Jet



Round Jet

By simply running clean water or thinners if oil based through the gun, washing out the paint reservoir and occasionally removing the needle from the gun to wipe down, cleaning the unit is easy and painless.

# Unit Comparisons

## HV1900

Designed for the 1<sup>st</sup> time buyer, hobbyist.  
High efficiency turbine motor  
Lightweight  
Variable paint output control  
3 spray patterns  
400 watt motor  
Changeable needle and tip  
50 dinsec  
2.7 metre hose



## HV2900

Designed for frequent decorators or DIY enthusiasts  
High efficiency turbine motor  
Lightweight  
On board air hose storage  
Variable paint output control  
3 spray patterns  
500 watt motor  
Changeable needle and tip  
60 dinsec  
4.0 metre hose



## HV3900

Designed for frequent decorators or DIY enthusiasts and larger jobs

High efficiency turbine motor

Lightweight

On board air storage

Variable paint output control

3 spray patterns

550 watt motor

Changeable needle and tip

70 dinsec

2.7 metre hose

4 litre spray pack included



## Pro 5000

Designed for the serious DIY person and trade professional

Pro gun with fan width & push nozzle changing system

High efficiency turbine motor

Lightweight

On board storage for both 13' air hose and power cord

Variable paint output control

3 spray patterns – push and click system

625 watt motor

Stainless Steel changeable needle and tip

Teflon coated paint reservoir

Chrome anodised spray gun

60 dinsec

4.0 metre hose



**Please Note:** It is very important to note, it's not just the higher wattage, but also the internal components which equate to high quality airflow from the unit. This combination will enable thicker paints to be sprayed. Airflow can also help with how many litres per hour being sprayed. The higher the airflow, the faster it can shoot paint through the gun.

**Atomisation** - Is a process of separating something into fine particles, in this case the paint. The paint is separated or atomised when the air forces the paint through the fluid tip and it creates a mist of paint.

Volume of paint or weight of coat is controlled by the volume control knob at the back of the gun. For a high quality finish, apply lighter coats more often. This application is recommended for cars, toys or furniture. Where there is no need for a high quality finish like a fence or a wall then a heavier coat can be applied (thicker paint).

## **Main Competitor**

Wagner is the main competitor worldwide. They are stocked largely by Bunnings. The units are also made in China. Wagner focus mainly on buzz guns, they do not devote a great amount of time into the research and development of the HVLP units. Consequentially, their units don't compare to the quality or workmanship of the Earlex units.

Wagner units do not have a changeable needle for different jobs. This means they can not provide different levels of atomisation which in turn means they can not do many jobs with one unit. These units do not give the "reflection like" finish that the Earlex units can achieve.

## WALLPAPER STEAMERS SS77

Designed to remove all types of Wall Coverings fast and effectively without the use of chemicals, first time every time.

Earlex made the first DIY wallpaper steamer in the world. They hold extensive patents for several features on the units, patented parts include the steam plate, safety valves and hose technology. All steamers have been hermetically sealed, an absolute seal that ensures the steamers are very safe. Each unit goes through 4 electrical tests and also have two separate safety valves on the top part of the unit. This ensures no accidental damage/burns can happen by a valve not functioning correctly.

The hose has a double layer, with an inner seam going along the length of the hose and outer seam spiraling around the length of the hose. This provides extra safety margin against bursting and leaking. The hose also remains cool to touch to protect against burns.

The unique mould of the steam plate ensures the steam is dispersed evenly. The plate is also clear so you can see how much water is gathering if working overhead, there is less chance of being burned by hot water. The units come with a small kit for corner areas and other jobs, not just wallpaper.

Other steamers do not have this kind of technology implemented...

