

Apollo 1050VR HVLP Turbine

NEW Power + Precision

Finishing is all about PRECISION. Apollo introduces the second Turbine in its PRECISION SERIES - Apollo 1050VR.

Suggested industries and uses:

The 1050VR Features:


- The 1050VR Precision 5-stage power atomizes higher viscosity coatings with ease.
- Precision LCD displays atomizing pressure that is accurate to 0.10 PSI.
- Precision Pressure Control System (PPCS®) controls motor speed, voltage and amperage worldwide, adjusts automatically for altitude and barometric pressure assuring precise atomizing pressure anywhere in the world.
- Precision FreeFlo® Filter warning LED indicates when a filter is restricted. Green for clean, red for clogged or partially blocked filters.
- Precision 5-stage power atomizes higher viscosity coatings with ease.

Spray solvent-based materials: enamels, stains, lacquers, polyurethanes, catalyzed finishes, conversion varnishes and linear polyurethanes. The 1050VR also delivers superb results with waterborne coatings, latex (emulsion) paint (using Floetrol® or similar flow additive) and specialized materials like faux paints and gelcoat. The 1050VR comes with the Handi-Hold® Spray Gun Docking Station to store, hold or transport your spray gun safely. The enhanced power and exclusive precision features of the new Precision Series 1050VR put you in control of the most advanced TrueHVLP system for industries and applications demanding precision technology for the perfect finish.





Specifications:

- 5 Stage
- 9.5 PSI (.070 bar)
- 130 CFM (3.68 cmm)
- Dual Air Filtration
- HVLP Only - Single Spray Gun
- 110VAC - 60HZ or 240VAC - 50Hz
- 30 lbs/13.6 Kg
- 15" X 8.5" X 12" (38.1cm X 21.6cm X 30.48cm)
- All EU units shipped 

All 110 volt units are tested and certified by



Supplied with:

- 24 foot (7.3 meter) flex air hose.

Comes with an exceptional array of spray gun

choices: [A5006](#), [A5011](#), [A5021](#), [A5505](#), [A5510](#), [A5520](#), [A5530](#), [A7500T](#), [A7500QT](#), [A7500MT](#), [A7500GT-250](#), [A7500GT-600](#), [A7500GT-1000](#).

Notes:

- This unit is equipped with an internal air relief valve to accommodate a non-bleed style turbine



Understanding HVLP

The Apollo Turbine Story

Engineering Makes the Difference: It starts with meticulous engineering of the highest quality materials. Turbines must be precision engineered to deliver your preferred coating flawlessly and produce a high volume of air (CFM) at a very low pressure (PSI). Apollo turbines are designed to meet the most exacting standards. When coupled with pressure die cast spray guns that meet airline tolerances with all stainless steel fluid parts, they atomize the coating into perfect particles in a precision controlled spray fan. Coating is applied to the surface with impeccable regularity to achieve an absolutely flawless finish, at 80-90% efficiency.

Spray as You Go: Use highly portable [Apollo Turbine Systems](#) and [Guns](#) to get into tight corners and achieve remarkable application precision by adjusting your fan pattern from 1/4" to 15". These Turbine Systems blow warm dry air and keep it clean so there's no chance of oil or water contamination. The equipment combines brilliant simplicity of use with sophisticated engineering no "O" Ring design. The picture is completed by Teflon® lined cups that make cleanup the fastest and easiest you've ever known. Plus, Apollo spray guns reduce operator fatigue and more than meet all the toughest workplace environmental standards in the country.

HVLP Adds Value to Your Craftsmanship: Coatings are costly. You benefit every time you use your Apollo Turbine System. **Apollo's 80% – 90% transfer efficiency means that your coating goes onto your project not into the air. Using less coating - 50-60% less - translates into dollar savings.** In addition, you'll enjoy a cleaner, healthier and safer work environment. Best of all, you raise the quality of your work because of the outstanding quality of the finish.

All Turbines Are Not Created Equal: It's a good sign when the motor inside has "breathing room." Rotational friction of the motor produces warm air and it is better to let warm air dissipate. When manufacturers put motors in small cases or boxes, it sends heat back into the motor which can reduce equipment longevity.

Choosing the Right Air Hose Makes a Difference: You'd be surprised what a difference the right choice of air-hose can make. It makes sense that if you have a big, bulky diameter of air-hose, it leads to operator fatigue. Look for a slimmer, sleeker air-hose design and you'll find a happier operator.

Spray Guns, Bleeder or Non-Bleeder? That is the Question: There are two types of turbine spray guns, bleeder and non-bleeder type spray guns. Bleeder spray guns allow the air to continually flow through the gun as long as the turbine is running. Non-bleeder type spray guns have an internal valve, which shuts off the air flow when the trigger is released. Some HVLP turbine systems offer a bleeder type spray gun ([Apollo 5000 series](#)). Others are supplied with non-bleeder spray guns. ([Apollo 7500 series](#)). It is important when a non-bleeder type spray gun is supplied with a turbine spray system that an air relief valve be installed internally or externally. This is important so that no back pressure to the motor is created which can cause heat build-up or motor seizure. ([Apollo 725, 825, 1025 and 1040VR turbines](#) are all fitted with an appropriate air relief valve. Apollo also offers an external air relief valve so that The [Atomizer 7500 series spray guns](#) can be used with any turbine system, old or new).



The obvious question asked; is one better than the other? Both offer excellent performance. Bleeder style spray guns are slightly simpler in design while non-bleeder spray guns can have a few additional components. The choice is up to the finisher. Most people who have used bleeder style spray guns will tell you that they perform beautifully and are easy to operate, clean and maintain. At the same time, many finishers who have sprayed with conventional type spray guns are more comfortable with a non-bleeder style spray gun.

[Apollo's 7500 series non-bleeder spray gun](#) has received two awards as best new HVLP spray gun in 2007. (Sequoia – AWFS, August 2007 and Popular Wood Magazine, December 2007).

