

Elite, Jet Vac and Classic Line Random Orbital Sanders **Finishing Tools**



The originator of random orbital finishing has just raised the standards of performance. ARO has applied the latest in ergonomic design and advanced materials technology to refine its Classic Line of random orbital sanders...and to introduce a completely new range: the Elite Series.

The ARO line of random orbital finishing tools is now the most comprehensive in the industry, providing a choice of traditional aluminum housings...or the ultimate in lightweight, composite packaging and efficient performance. Both the Classic Line and Elite Series incorporate new moisture-

resistant composite rotors, fully machined counterweights, and larger counterweight bearings for superior reliability. Both continue the ARO advantage of operating with totally dry air power for a cleaner work environment. And both "mini" models deliver 50 percent more power than previous models, ensuring greater speed under load and the finest in swirl-free finishes.

Now you can choose from four configurations, based on design, size, and vacuum orientation.

ELITE Composite "Mini" Sanders

Non-Vac and Vac-Ready.

Jet Vac Composite Sanders

High efficiency integral vacuum, with hose and double bag.

Classic Line Aluminum "Mini" Sanders

Non-Vac, Vac-Ready, and Venturi-Vac

Classic Line Aluminum Standard Size Sanders

Non-Vac, Vac-Ready and Venturi-Vac

All ARO random orbital sanders are backed by an exclusive two-year warranty, twice the coverage offered on competitive products. And ARO teams these tools with a complete line of premium-quality sanding pads and accessories, for a total package of sanding solutions. Read on, and discover all of the details on the innovative new Elite Series, as well as the ARO Classic Line. Your ARO representative or distributor will help you achieve high-performance finishing for your application.

Elite Random Orbital Sanders Finishing Tools

As the name suggests, the new ARO Elite Series represents the best in random orbital sander design and performance. More power, speed, and durability than ever before. Better vacuum efficiency. And a new standard of operator comfort. However, the most important things may just be what ARO has taken away. There's less weight and less noise than ever before. Your operators will feel the difference in the superb handling. Your customers will see the difference in their superb finishes. The Elite Series is the new definition of leadership from the people who originated random orbital sanding.



Lightweight:

The one-piece precision-molded composite housing provides unmatched strength and durability...and helps reduce overall weight to 1.83 lbs. for less operator fatigue over extended periods, contributing to greater productivity.

Quiet:

New materials and internal refinements have cut sound pressure to just 78 dBa, for a more pleasant work environment.

Efficient:

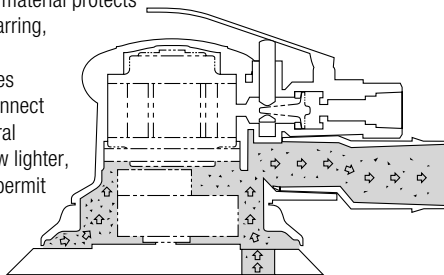
ARO has developed new ways to extract maximum power from the air motor, achieving true 12,000 rpm performance.

100% Made In The USA:

All ARO Elite Series sanders are built by skilled technicians at our Southern Pines, North Carolina plant, using U.S.-sourced parts and components.

Improved Vacuum Action

The Elite Series vacuum-ready models extract dust and particulates through and around the pad...and then directly up and out a dedicated port, keeping foreign matter away from the motor. The vacuum sanding pad features a unique "petal" design and large 1/2-inch diameter holes for greater efficiency. The clear, unobstructed path ensures that virtually all dust is instantly channeled away from the work. Special shroud material protects the work surface from marring, while enhancing vacuum characteristics. Elite Series vacuum-ready models connect easily to portable or central vacuum systems with new lighter, more flexible hoses that permit better maneuverability.

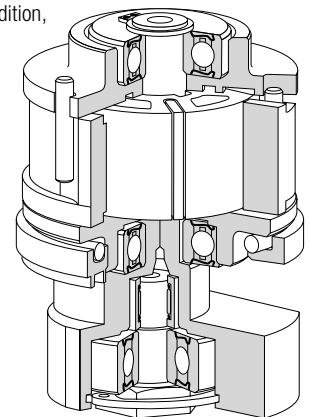


Another unique Elite Series feature: all non-vacuum models can be easily converted to vacuum-ready status with the simple addition of a vacuum adapter and vacuum sanding pad.

Reduced Vibration

Inside the motor housing, ARO developed a fully machined counterweight that balances the power of the high-efficiency air motor and significantly reduces vibration. The counterweight bearing has been enlarged to provide twice the life. In addition, ongoing testing confirms that the ARO weight-matched sanding pad and counterbalance combination delivers unsurpassed smoothness.

On the outside, the Elite Series composite housing — with its ability to insulate and absorb energy — further reduces the effects of vibration transmitted to the operator.



Perfect Fit for all Hands

With the ARO Elite Series, one sander fits all. Three sizes of soft, color-keyed rubber grip rings fit securely around the top of the housing, and allow a custom match to operator hand size.

The grip rings are easily interchangeable, provide a comfortable, non-slip surface for control, and insulate further against vibration and cold. Grip rings are available as accessories according to individual customer needs.



Elite and Jet Vac Random Orbital Sanders Finishing Tools

Non-Vacuum and Vacuum Ready

ARO Elite Series sanders are available in five non-vacuum model variations, with 3.5-inch, or 6-inch pads, and duck or vinyl pad faces. The non-vac versions can subsequently be converted to vacuum status with the simple addition of an available vacuum adapter, a petal pad, and a change in shroud if desired.



For applications requiring dust-free operation, choose from five models of Elite Series vacuum-ready sanders, for use with central or portable vacuum systems. Select short shrouds for maximum workpiece visibility, or long shrouds for maximum dust evacuation. The improved ARO vacuum hose is now 65 percent lighter than previous versions, for better operator convenience.

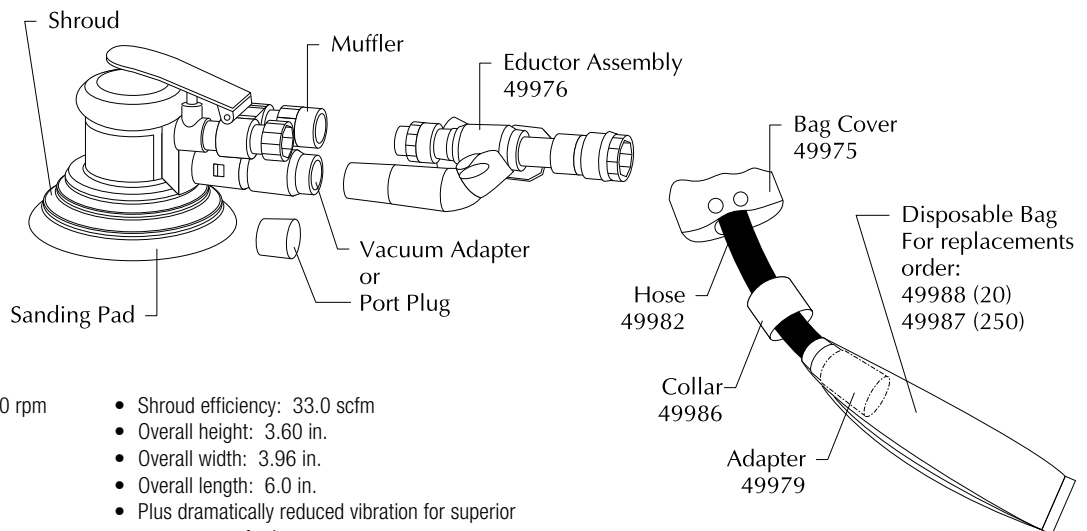


Jet Vac

ARO has created a unique new addition to the Elite Series of random orbital sanders— one that sets a new performance standard for self generated vacuum sanding. The new Jet Vac™ System delivers twice the vacuum power of the nearest competitor and uses an exclusive disposable dust bag enclosed in a protective cover. This “double bagging” system provides a cleaner work environment, and promotes the proper disposal of collected particulates for maximum total effect.



Jet Vac System Detail

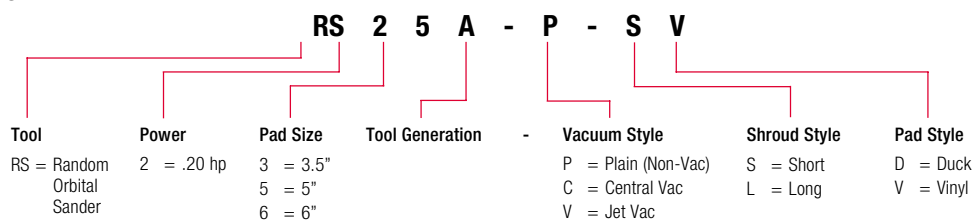


Performance Data

- Maximum free speed: 12,000 rpm
- Power: 0.20 hp
- Air consumption: 15.8 scfm
- Sound pressure: 78 dBa
- Weight: 1.83 lbs.
- Power/weight: 0.109 hp/lb.
- Power/air consumption: 0.013 hp/scfm
- Shroud efficiency: 33.0 scfm
- Overall height: 3.60 in.
- Overall width: 3.96 in.
- Overall length: 6.0 in.
- Plus dramatically reduced vibration for superior operator comfort!

ARO Elite and Jet Vac Model Identification Guide

Example: RS25A-PSV



Elite, Jet Vac and Classic Line Random Orbital Sanders

Finishing Tools

Elite Model Specifications

Model No.	Shroud Style	Pad Size		Pad Face	Rated Max Free Speed rpm	Power hp	Air Cons. @ Free Speed scfm	Spindle Thread (Female)	Weight	
		in.	mm						lbs	kg
Non-Vacuum										
RS23A-PLV	Long	3.5	89	Vinyl	12,000	.20	15.8	5/16"-24	1.77	.80
RS25A-PSD	Short	5	127	Duck	12,000	.20	15.8	5/16"-24	1.83	.83
• RS25A-PSV	Short	5	127	Vinyl	12,000	.20	15.8	5/16"-24	1.83	.83
RS26A-PSD	Short	6	152	Duck	12,000	.20	15.8	5/16"-24	1.92	.87
• RS26A-PSV	Short	6	152	Vinyl	12,000	.20	15.8	5/16"-24	1.92	.87
Vacuum-Ready										
RS23A-CLV	Long	3.5	89	Vinyl	12,000	.20	15.8	5/16"-24	1.77	.80
• RS25A-CSV	Short	5	127	Vinyl	12,000	.20	15.8	5/16"-24	1.83	.83
RS25A-CLV	Long	5	127	Vinyl	12,000	.20	15.8	5/16"-24	1.92	.87
RS26A-CSV	Short	6	152	Vinyl	12,000	.20	15.8	5/16"-24	1.92	.87
RS26A-CLV	Long	6	152	Vinyl	12,000	.20	15.8	5/16"-24	1.92	.87
Jet Vac										
RS23A-VLV	Long	3.5	89	Vinyl	12,000	.20	15.8	5/16"-24	1.86	.84
• RS25A-VLV	Long	5	127	Vinyl	12,000	.20	15.8	5/16"-24	1.92	.87
RS26A-VLV	Long	6	152	Vinyl	12,000	.20	15.8	5/16"-24	1.92	.87

- Most popular model

Sanding pads have industry-standard hole pattern for "thru-the-pad" vacuum pickup. For use with coated sanding discs with pre-punched holes.

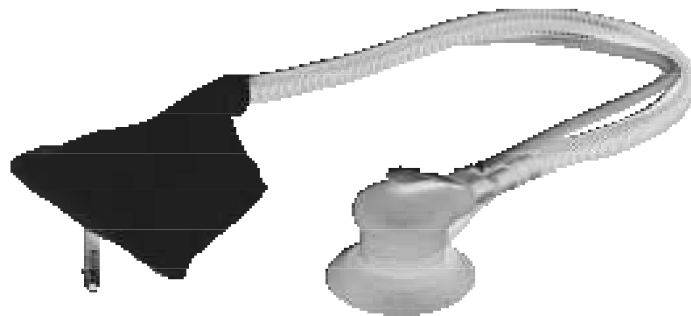
Air Inlet: 1/4" NPT Female Recommended Air Pressure: 90 PSI (6.2 bar) Recommended Hose Size: 5/16" (8mm) I.D.

CLASSIC™ LINE



Proven throughout thousands of industrial finishing applications, ARO has now refined its popular Classic Line models with stronger internal components, improved shrouds, and more efficient vacuum action. The "ARO red" cushion grip fits snugly over the aluminum housing, and provides a comfortable grip surface for the operator. ARO offers Classic Line models in standard size as well as "mini" size housings.

You can select non-vacuum models, vacuum-ready models for use with central or portable vacuum systems, and venturi-vacuum models with a self-contained hose and collection bag in the Classic Line. Classic Standard Non-vacuum models can be converted to vacuum-ready status with an available conversion kit. Refinements to shrouds and port diameters have not only improved vacuum performance, but have also reduced weight and sound levels. And, as with all ARO random orbital sanders, the Classic Line models require no lubrication, and are backed by an exclusive two-year warranty.



ARO Classic Line Model Identification Guide

Example: 8416-B5T-V

