



AirVANTAGE TOOLS



ELECTRIC TOOLS



AIR TOOLS

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About AirVANTAGE™ Tools

Warranty Information

All AirVANTAGE™ Sanders are warranted for defects in materials or workmanship for one year from the date of delivery to the user. Combined with the AirVANTAGE™ name, this Warranty expresses our total confidence in the superior quality, durability, and performance of the AirVANTAGE™ Sander. To receive any expressed or implied warranty, the tool must be repaired by an authorized AirVANTAGE™ Service Center. The "Service Instructions" section provided with each tool is for use after completion of the warranty period. To receive warranty, tools must be operated under the conditions as described in the "Putting the Tools into Service" section of this document and be connected to an air supply system. Tools that have been exposed to extreme conditions will be covered under warranty at the sole discretion of AirVANTAGE™.

Tool Operation

Please Read and Comply with:

- General Industry Safety & Health Regulations, Part 1910, OSHA 2206, available from: Sup't of Documents; Government Printing Office; Washington DC 20402
- Safety Code for Portable Air Tools, ANSI B186.1 available from: American National Standards Institute, Inc.; 1430 Broadway; New York, NY 10018
- State and Local Regulations.

Proper Use of Tool

This sander is designed for sanding all types of materials i.e. metals, wood, stone, plastics, etc. using abrasive designed for this purpose. Do not use this sander for any other purpose than that specified without consulting the manufacturer or the manufacturer's authorized supplier.

Do not use back-up pads that have a working speed less than the tool's declared operating speed.

Use only back-up pads that are specifically designed to be used with the particular tool the pad will be mounted to.

Do not use pads that are a different weight or size than that the tool was designed for.

Personal Safety Equipment

Use – Safety Glasses	Yes	Use – Breathing Masks	Yes
Use – Safety Gloves	Recommended	Use – Ear Protection	Recommended
Use – Safety Boots	Recommended		

Work Stations

The tool is intended to be operated as a hand held tool. It is always recommended that the tool be used when standing on a solid floor. It can be in any position but before any such use, the operator must be in a secure position having a firm grip and footing and be aware that the sander can develop a torque reaction. See the section "Operating Instructions".

AV Sander Owner's Manuals On-line

AirVANTAGE offers a complete line of owner's manuals for all AirVANTAGE sanders on-line. The manuals include operating instructions, parts information, service tool and accessory information, trouble shooting and service information. Visit us on-line at www.airvantagetools.com

Operating Instructions for Air Tools

Read all instructions before using this tool. All operators must be fully trained in its use and aware of these safety rules. All service and repair must be carried out by trained personnel.

Make sure the tool is disconnected from the air supply. Select a suitable abrasive and secure it to the back-up pad. Be careful and center the abrasive on the back-up pad.

When sanding always place the tool on the work then start the tool. Always remove the tool from the work before stopping. This will prevent gouging of the work due to excess speed of the abrasive.

Always remove the air supply to the sander before fitting, adjusting or removing the abrasive or back-up pad.

Always adopt a firm footing and/or position and be aware of torque reaction developed by the sander.

Use only correct spare parts.

Always ensure that the material to be sanded is firmly fixed to prevent its movement.

Check hose and fittings regularly for wear. Do not carry the tool by its hose; always be careful to prevent the tool from being started when carrying the tool with the air supply connected.

Dust can be highly combustible. Vacuum dust collection bag should be cleaned or replaced daily. Cleaning or replacing of bag also assures optimum performance.

Do not exceed maximum recommended air pressure.

Use safety equipment as recommended.

The tool is not electrically insulated. Do not use where there is a possibility of coming into contact with live electricity, gas pipes, water pipes, etc. Check the area of operation before operation.

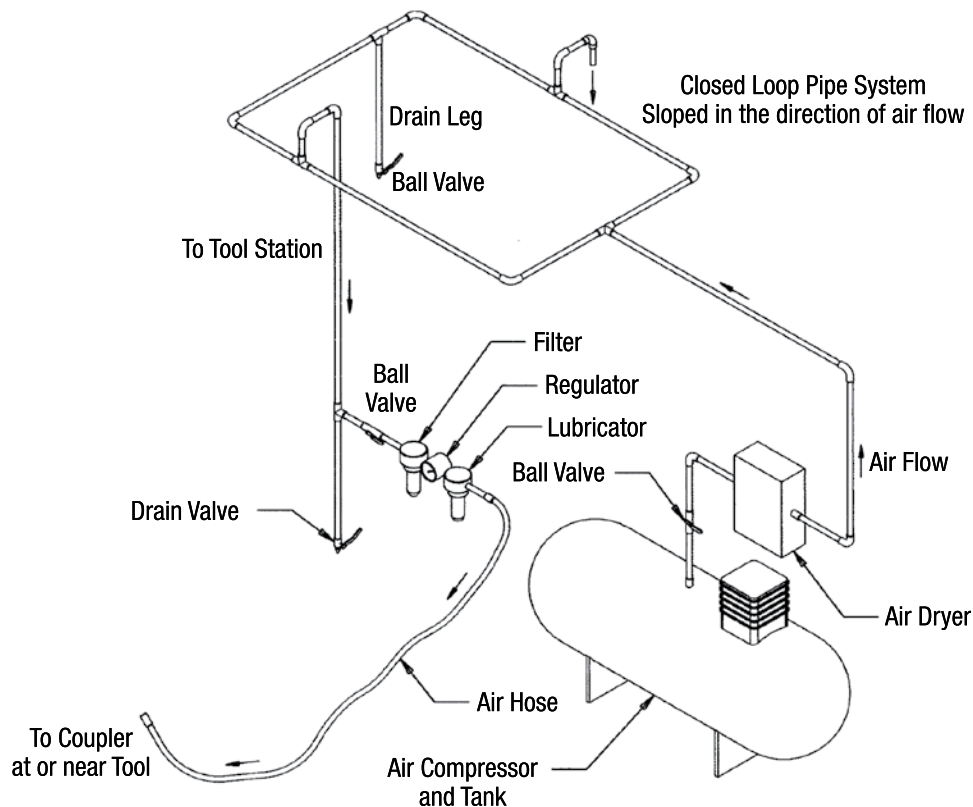
Take care to avoid entanglement with the moving parts of the tool with clothing, ties, hair, cleaning rags, etc. If entangled, it will cause the body to be pulled towards the work and moving parts of the machine and can be very dangerous.

Keep hands clear of the spinning pad during use.

If the tool appears to malfunction, remove from use immediately and arrange for service and repair.

Do not allow the tool to free speed without taking precautions to protect any persons or objects from the loss of the abrasive or pad

Air System Recommendation

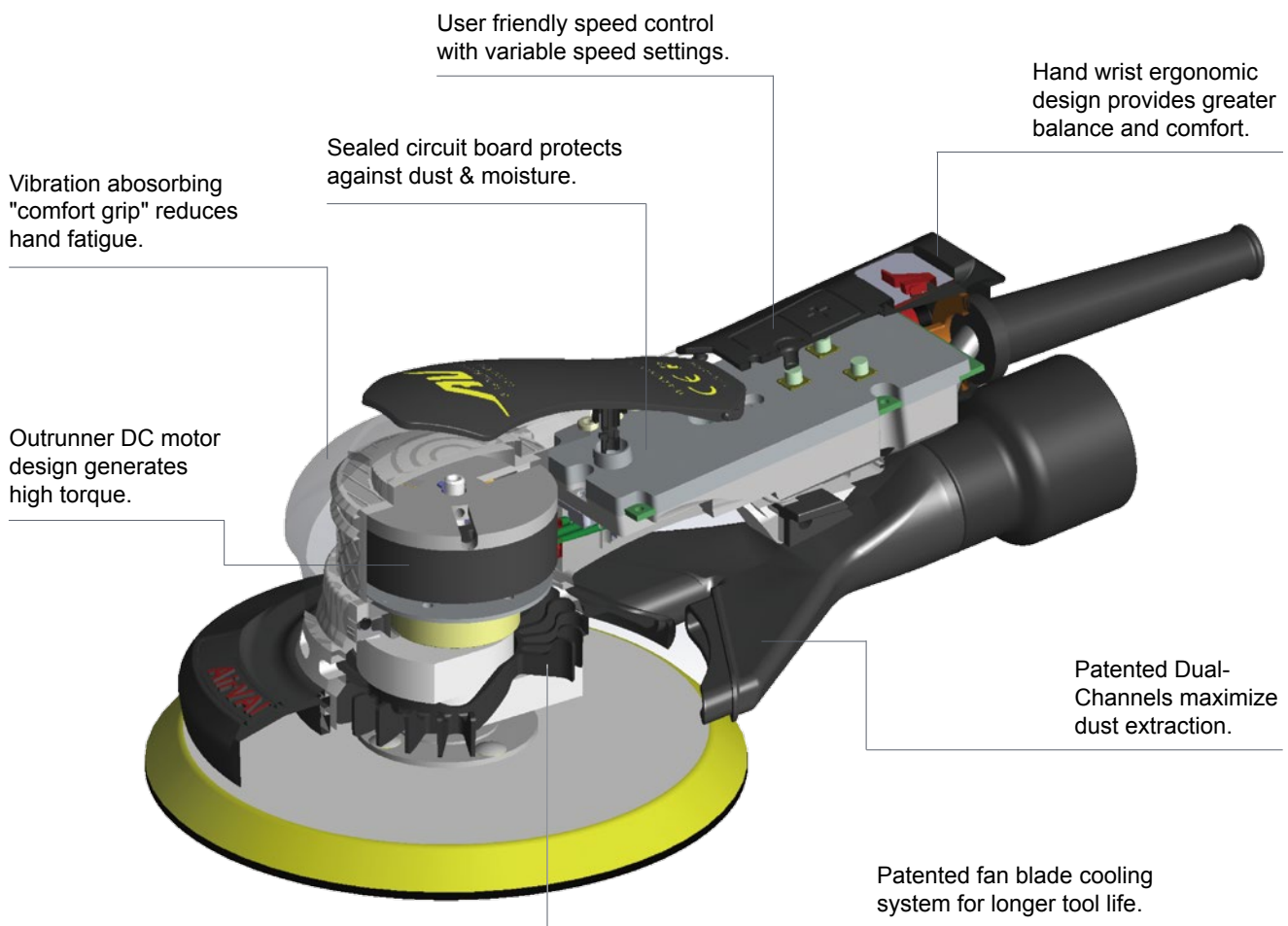


Electric Random Orbital Sanders • Advanced Series

- Significant energy cost savings vs. pneumatic sander.
- Closed construction design prevents dust from fouling the motor and extending the motor life.
- Low maintenance, long runtime and long lifespan.

Advanced Series Electric

No External Power Supply



Quiet, Smooth and Intelligently Powerful



AE-051138

5 in. (127 mm) Central Vacuum

Sanders

Electric 5 in. (127 mm) and 6 in. (152 mm) Random Orbital Sanders Tool Selector

Standard Product Configuration Table: Random Orbital Sander

Note: All Vacuum machines use Ø 1 in. Vacuum Hose Fittings Standard.

All Random Orbital Sanders listed below come standard with shrouds and all use pads with 5/16-24 male studs.

Pad Face	Vac Type	Pad Type	Pad Part Number	3/32 in. (2.5 mm) orbit Model No.	3/16 in. (5 mm) orbit Model No.
Vinyl for PSA mounted abrasives	Non-Vac	5 in. (127 mm) diameter Low Profile	1250100	AE-051000	AE-051100
		6 in. (152 mm) diameter Low Profile	1260100	AE-061000	AE-061100
	Central Vac	5 in. (127 mm) diameter Low Profile	1250110	AE-051034	AE-051134
		6 in. (152 mm) diameter Low Profile	1260110	AE-061034	AE-061134
Hook for loop mounted abrasives	Non-Vac	5 in. (127 mm) diameter Low Profile	1250101	AE-051002	AE-051102
		6 in. (152 mm) diameter Low Profile	1260101	AE-061002	AE-061102
	Central Vac	5 in. (127 mm) diameter Low Profile	1250111	AE-051036	AE-051136
		6 in. (152 mm) diameter Low Profile	1260111	AE-061036	AE-061136
		5 in. (127 mm) diameter LP screen abrasive	1250142	AE-051038	AE-051138
		6 in. (152 mm) diameter LP screen abrasive	1260142	AE-061038	AE-061138

Electric 5 in. (127 mm) and 6 in. (152 mm) Random Orbital Sanders Table of specifications

* Adjustable speed settings : 4,000, 7,000 and 10,000 RPM

* Power : 350 W

* Input Voltage : available in 120 V / 230 V , 50 Hz / 60 Hz

Sander Type	Orbit Inch (mm)	PAD Dim. Inch (mm)	Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
Non Vacuum	3/32 in. (2.5 mm)	5 (127)	2.40 (1.08)	3.97 (100.8)	10.94 (278)
	3/16 in. (5.0 mm)	5 (127)	2.40 (1.08)	3.97 (100.8)	10.94 (278)
	3/32 in. (2.5 mm)	6 (152)	2.60 (1.21)	3.97 (100.8)	11.93 (303)
	3/16 in. (5.0 mm)	6 (152)	2.60 (1.21)	3.97 (100.8)	11.93 (303)
Central Vacuum	3/32 in. (2.5 mm)	5 (127)	2.40 (1.08)	3.97 (100.8)	10.94 (278)
	3/16 in. (5.0 mm)	5 (127)	2.40 (1.08)	3.97 (100.8)	10.94 (278)
	3/32 in. (2.5 mm)	6 (152)	2.60 (1.21)	3.97 (100.8)	11.93 (303)
	3/16 in. (5.0 mm)	6 (152)	2.60 (1.21)	3.97 (100.8)	11.93 (303)

Electric 5 in. (127 mm) and 6 in. (152 mm) Random Orbital Sanders

Incorporated with advanced brushless motor technology and low profile ergonomic designs.

Significant energy cost savings compared to pneumatic sanders.(over 90% savings)

- Smooth, quiet and intelligently powerful.
- Sealed motor and patented tooling.
- Variable speed settings.



ES-061036

6 in. (152 mm) Central Vacuum

5 in. (127 mm) and 6 in. (152 mm) Electric Style Tool Selector

Standard Product Configuration Table: Random Orbital Sander

*Adjustable speed settings : 7,000, 9,000 and 10,000 RPM

Note: All Vacuum machines use Ø 1 in. Vacuum Hose Fittings Standard. Ø 3/4 in. is available.

All Random Orbital Sanders listed below come standard with shrouds and all use pads with 5/16-24 male studs.

Pad Face	Vac Type	Pad Type	Pad Part Number	3/32 in. (2.5 mm) orbit Model No.	3/16 in. (5 mm) orbit Model No.
Vinyl for PSA mounted abrasives	Non-Vac	5 in. (127 mm) diameter Low Profile	1250100	ES-051000	ES-051100
		6 in. (152 mm) diameter Low Profile	1260100	ES-061000	ES-061100
	Central Vac	5 in. (127 mm) diameter Low Profile	1250110	ES-051034	ES-051134
		6 in. (152 mm) diameter Low Profile	1260110	ES-061034	ES-061134
Hook for loop mounted abrasives	Non-Vac	5 in. (127 mm) diameter Low Profile	1250101	ES-051002	ES-051102
		6 in. (152 mm) diameter Low Profile	1260101	ES-061002	ES-061102
	Central Vac	5 in. (127 mm) diameter Low Profile	1250111	ES-051036	ES-051136
		6 in. (152 mm) diameter Low Profile	1260111	ES-061036	ES-061136
		5 in. (127 mm) diameter LP screen abrasive	1250142	ES-051038	ES-051138
		6 in. (152 mm) diameter LP screen abrasive	1260142	ES-061038	ES-061138



ES-PS

150W Full Range Power Supply

Electric 5 in. (127 mm) and 6 in. (152 mm) Random Orbital Sanders Table of Specifications

Sander Type	Orbit Inch (mm)	PAD Dim. Inch (mm)	Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
Non Vacuum	3/32 in. (2.5 mm)	5 (127)	1.93 (0.88)	3.83 (97.2)	6.81 (173)
	3/16 in. (5.0 mm)	5 (127)	1.98 (0.90)	3.83 (97.2)	6.81 (173)
	3/32 in. (2.5 mm)	6 (152)	1.99 (0.91)	3.83 (97.2)	7.28 (185)
	3/16 in. (5.0 mm)	6 (152)	2.05 (0.93)	3.83 (97.2)	7.28 (185)
Central Vacuum	3/32 in. (2.5 mm)	5 (127)	2.08 (0.95)	3.80 (96.6)	8.43 (214)
	3/16 in. (5.0 mm)	5 (127)	2.12 (0.97)	3.80 (96.6)	8.43 (214)
	3/32 in. (2.5 mm)	6 (152)	2.19 (0.99)	3.80 (96.6)	8.86 (225)
	3/16 in. (5.0 mm)	6 (152)	2.24 (1.02)	3.80 (96.6)	8.86 (225)



ES-CABLE12 / ES-CABLE24

2P Female Connector Cable (12 ft.)/
2P Female Connector Cable (24 ft.)

Power supply specifications

Mains Input Voltage	Mains Frequency	Output	Efficiency	Total Output Regulation	Operation Temperature °C (°F)	Operating Humidity
100-240 Va.c.	47-63 Hz	30 Vd.c. 5A	85% Min.	+/- 2%	0-40 (23-105)	10-90% H



Electric 3 in. (77 mm) Random Orbital Sanders



ES-030235

3 in. (77 mm) Central Vacuum

3 in. (77 mm) Electric Style Tool Selector

Standard Product Configuration Table: Random Orbital Sander - 3/32 in. (2.5 mm) Orbit

*Adjustable speed settings : 8,000 and 10,000 RPM
 Note: All Vacuum machines use Ø 1 in. Vacuum Hose Fittings Standard.
 All 3 in. machines are shrouded with 1/4-20 male pad attachment.
 Kit come with Power Supply and Cables.

Pad Face	Vac Type	Pad Type	Pad P/N	Model No.	Kit Model No.
Vinyl for PSA mounted abrasives	Non-Vac	3 in. (77 mm) diameter	1232100	ES-030200	ES-030200-KIT
	Central Vac	3 in. (77 mm) diameter	1232110	ES-030234	ES-030234-KIT
Hook for loop mounted abrasives	Non-Vac	3 in. (77 mm) diameter	1232102	ES-030201	ES-030201-KIT
	Central Vac	3 in. (77 mm) diameter	1232112	ES-030235	ES-030235-KIT

Electric 3 in. (77 mm) Random Orbital Sanders Table of Specifications

Sander Type	Orbit Inch (mm)	PAD Dim. Inch (mm)	Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
Non Vacuum	3/32 in. (2.5 mm)	3 (77)	1.38 (0.63)	3.83 (97.2)	6.81 (173)
Central Vacuum	3/32 in. (2.5 mm)	3 (77)	1.48 (0.67)	3.80 (96.6)	8.43 (214)

Electric 3 x 4 in. (75 x 100 mm) Orbital Sanders

3 x 4 in. (75 x 100 mm) Electric Style Tool Selector

Standard Product Configuration Table: Orbital Sander - 1/8 in. (3.0 mm) Orbit

*Adjustable speed settings : 7,000 and 9,000 RPM
 Note: All Vacuum machines use Ø 1 in. Vacuum Hose Fittings Standard.
 Kit come with Power Supply and Cables

Pad Face	Vac Type	Pad Type	Pad P/N	Model No.	Kit Model No.
Vinyl for PSA mounted abrasives	Non-Vac	3 x 4 in. (75 x 100 mm) diameter	1273500	ES-340000	ES-340000-KIT
	Central Vac	3 x 4 in. (75 x 100 mm) diameter	1273510	ES-340034	ES-340034-KIT
Hook for loop mounted abrasives	Non-Vac	3 x 4 in. (75 x 100 mm) diameter	1273501	ES-340001	ES-340001-KIT
	Central Vac	3 x 4 in. (75 x 100 mm) diameter	1273511	ES-340035	ES-340035-KIT
	Central Vac	3 x 4 in. (75 x 100 mm) diameter	1273542	ES-340036	ES-340036-KIT



ES-340035

3 x 4 in. (75 x 100 mm) Central Vacuum

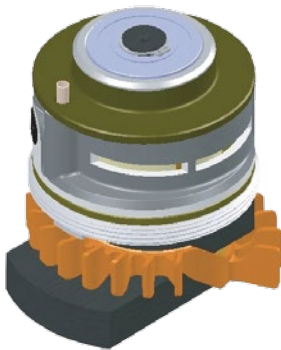
Electric 3 x 4 in. (75 x 100 mm) Orbital Sanders Table of Specifications

Sander Type	Orbit Inch (mm)	Nominal Pad Dim. Inch (mm)	Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
Non Vacuum	1/8 in. (3.0 mm)	3 x 4 in. (75 x 100 mm)	1.65 (0.75)	3.83 (97.2)	6.81 (173)
Central Vacuum	1/8 in. (3.0 mm)	3 x 4 in. (75 x 100 mm)	1.74 (0.79)	3.80 (96.6)	8.43 (214)

Advanced Series Air Sander



*Comfort Grip & Hand
Wrist Rest Excellent
Maneuverability.*



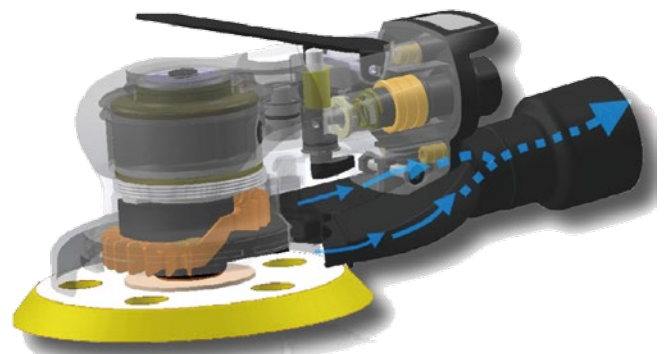
*Patented cooling system
prolongs tool life.*

Superior Handling Features



360° rotational exhaust.

*Patented Dual-Channels
Maximize Vacuum Efficiency.*



5 in. (127 mm) and 6 in. (152 mm) Random Orbital Sanders • Advanced Series

- Available in two orbits- $\frac{3}{32}$ (2.5 mm) and $\frac{3}{16}$ (5 mm)
- All sanders come with a 3 inch grip



AD-050202
5 in. (127 mm) Non-Vacuum



AD-060336
6 in. (152 mm) Central Vacuum

5 in. (127 mm) and 6 in. (152 mm) Random Orbital Sanders Table of Specifications

Sander Type	Free speed (RPM)	Motor hp (W)	Pad Size and Type In. (mm)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)		Height Inch (mm)		Length Inch (mm)	
					$\frac{3}{32}$ in. (2.5 mm) orbit	$\frac{3}{16}$ in. (5 mm) orbit	$\frac{3}{32}$ in. (2.5 mm) orbit	$\frac{3}{16}$ in. (5 mm) orbit	$\frac{3}{32}$ in. (2.5 mm) orbit	$\frac{3}{16}$ in. (5 mm) orbit
Non-vacuum	12,000	0.30 (223)	5 (127)	17 (481)	1.64 (0.74)	1.77 (0.80)	3.4 (86)	3.4 (86)	6.9 (176)	6.9 (176)
Central Vacuum	12,000	0.30 (223)	5 (127)	17 (481)	1.82 (0.82)	1.95 (0.88)	3.4 (86)	3.4 (86)	9.7 (246)	9.7 (246)
Self-generated Vac	11,000	0.30 (223)	5 (127)	17 (481)	1.84 (0.83)	1.97 (0.89)	3.4 (86)	3.4 (86)	9.9 (251)	9.9 (251)
Non-vacuum	12,000	0.30 (223)	6 (152)	17 (481)	1.71 (0.77)	1.84 (0.83)	3.4 (86)	3.4 (86)	7.4 (189)	7.4 (189)
Central Vacuum	12,000	0.30 (223)	6 (152)	17 (481)	1.89 (0.85)	2.02 (0.91)	3.4 (86)	3.4 (86)	10.2 (260)	10.2 (260)
Self-generated Vac	11,000	0.30 (223)	6 (152)	17 (481)	1.91 (0.86)	2.04 (0.92)	3.4 (86)	3.4 (86)	10.4 (265)	10.4 (265)

Additional Specifications: Air Inlet Thread is $\frac{1}{4}$ in. NPT and Hose I.D. is $\frac{1}{4}$ in. (6 mm).
* Air flow/consumption specifications are @ 90 psig (6.2 bar)



Available with
Vacuum Collection
Bag and Inserts
for Self-Generated model



AD-050369

5 in. (127 mm) Self-Generated Vacuum

5 in. (127 mm) and 6 in. (152 mm) Palm-Style Tool Selector

Standard Product Configuration Table: Random Orbital Sander

Note: All Vacuum machines use Ø 1 in. Vacuum Hose Fittings Standard. Ø 3/4 in. is available.
All Random Orbital Sanders listed below come standard with shrouds and all use pads with 5/16-24 male studs.

Pad Face	Vac Type	Pad Type	Pad Part Number	3/32 in. (2.5 mm) orbit Model No.	3/16 in. (5 mm) orbit Model No.
Vinyl for PSA mounted abrasives	Non-Vac	5 in. (127 mm) diameter Low Profile	1250100	AD-050200	AD-050300
		6 in. (152 mm) diameter Low Profile	1260100	AD-060200	AD-060300
	Central Vac	5 in. (127 mm) diameter Low Profile	1250110	AD-050234	AD-050334
		6 in. (152 mm) diameter Low Profile	1260110	AD-060234	AD-060334
	Self-Gen Vac	5 in. (127 mm) diameter Low Profile	1250110	AD-050267	AD-050367
		6 in. (152 mm) diameter Low Profile	1260110	AD-060267	AD-060367
Hook for loop mounted abrasives	Non-Vac	5 in. (127 mm) diameter Low Profile	1250101	AD-050202	AD-050302
		6 in. (152 mm) diameter Low Profile	1260101	AD-060202	AD-060302
	Central Vac	5 in. (127 mm) diameter Low Profile	1250111	AD-050236	AD-050336
		6 in. (152 mm) diameter Low Profile	1260111	AD-060236	AD-060336
		5 in. (127 mm) diameter LP screen abrasive 	1250142	AD-050238	AD-050338
		6 in. (152 mm) diameter LP screen abrasive 	1260142	AD-060238	AD-060338
	Self-Gen Vac	5 in. (127 mm) diameter Low Profile	1250111	AD-050269	AD-050369
		6 in. (152 mm) diameter Low Profile	1260111	AD-060269	AD-060369
		5 in. (127 mm) diameter LP screen abrasive 	1250142	AD-050271	AD-050371
		6 in. (152 mm) diameter LP screen abrasive 	1260142	AD-060271	AD-060371

 These machines are especially designed to use screen abrasive or multihole paper.

3 x 4 inch (75 x 100 mm) Orbital Sanders • Advanced Series

- 1/8 inch (3 mm) orbit for perfect finishes.
- All sanders come with a 3 inch grip.
- Compact.



AD-341035

3 x 4 in. (75 x 100 mm)
Central Vacuum

3 x 4 in. (75 x 100 mm) Palm-Style Orbital Tool Selector

Standard Product Configuration: Orbital Sander - 10,000 OPM -
1/8 in. (3 mm) Orbit

Pad Face	Vac Type	Paper Pattern	Pad P/N	Model No.
Vinyl for PSA mounted abrasives	Non-Vac		1273500	AD-341000
	Central Vac		1273510	AD-341034
	Self-Gen Vac		1273510	AD-341067
Hook for loop mounted abrasives	Non-Vac		1273501	AD-341001
	Central Vac		1273511	AD-341035
			1273542	AD-341036
	Self-Gen Vac		1273511	AD-341068
			1273542	AD-341069



Available with
Vacuum Collection
Bag and Inserts
for Self-Generated model

3 x 4 in. (75 x 100 mm) Orbital Sanders Table of Specifications

Sander Type	Motor hp (W)	Nominal Pad Dim. In. (mm)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)	Height In. (mm)	Length In. (mm)
Non-vacuum	0.24 (179)	3 x 4 in. (75 x 100 mm)	17 (481)	1.47 (0.67)	3.8 (98)	6.2 (157)
Central Vacuum	0.24 (179)	3 x 4 in. (75 x 100 mm)	17 (481)	1.54 (0.70)	3.8 (98)	7.9 (201)
Self-generated Vac	0.24 (179)	3 x 4 in. (75 x 100 mm)	17 (481)	1.56 (0.71)	3.8 (98)	8.3 (211)

Additional Specifications: Air Inlet Thread is 1/4 in. NPT and Hose I.D. is 1/4 in. (6 mm).
* Air flow/consumption specifications are @ 90 psig (6.2 bar)

3 x 8 inch (70 x 198 mm) Orbital Sanders • Advanced Series

- 1/8 inch (3 mm) orbit for perfect finishes.
- Compact shape for hard to reach places.
- All sanders come with a 3 inch grip.



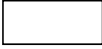
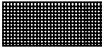
AD-381037

3 x 8 in. (70 x 198 mm)

Central Vacuum

3 x 8 in. (70 x 198 mm) Palm-Style Orbital Tool Selector

Standard Product Configuration: Orbital Sander - 10,000 OPM -
1/8 in. (3 mm) Orbit

Pad Face	Vac Type	Paper Pattern	Pad P/N	Model No.
Vinyl for PSA mounted abrasives	Non-Vac		1275200	AD-381000
Hook for loop mounted abrasives	Non-Vac		1275201	AD-381001
	Central Vac		1275241	AD-381036
	Self-Gen Vac		1275241	AD-381069
Hook for J-Hook mounted abrasives	Non-Vac		1275202	AD-381002
	Central Vac		1275242	AD-381037
	Self-Gen Vac		1275242	AD-380170



Available with
Vacuum Collection
Bag and Inserts
for Self-Generated model

3 x 8 in. (70 x 198 mm) Orbital Sanders Table of Specifications

Sander Type	Motor hp (W)	Nominal Pad Dim. Inch (mm)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
Non-vacuum	0.24 (179)	3 x 8 in. (70 x 198 mm)	16 (453)	2.01 (0.89)	4.50 (115)	8.10 (207)
Central Vacuum	0.24 (179)	3 x 8 in. (70 x 198 mm)	16 (453)	2.05 (0.93)	4.50 (115)	10.2 (261)
Self-generated Vac	0.24 (179)	3 x 8 in. (70 x 198 mm)	16 (453)	2.07 (0.94)	4.50 (115)	10.6 (271)

Additional Specifications: Air Inlet Thread is 1/4 in. NPT and Hose I.D. is 1/4 in. (6 mm).
* Air flow/consumption specifications are @ 90 psig (6.2 bar)

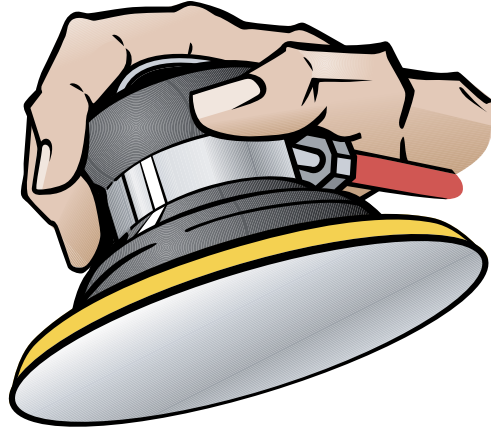
Superior Handling Features

The AirVANTAGE™ LP (Low Profile) Sanders comes the lowest profile in the industry with rock solid engineering, materials, and craftsmanship. Ergonomically designed to deliver greater control, balance and comfort, the AirVANTAGE™ LP generates up to .28 HP for fast, efficient performance over virtually every application. Available in a complete variety of Palm-Style Non-vacuum, central vacuum, and Self-generating vacuum models.

Random Orbital Sander:

Superior Handling Features

- The lowest profile in the industry provides unparalleled control, maneuverability, and feedback.
- Three different sizes of vibration absorbing "comfort grips" improve feel and reduce hand fatigue.
- Underside Speed Control combines "on-the-fly" speed adjustability while helping to prevent inadvertent "slip switching".
- In line dust path on vacuum models improves flow efficiency and helps prevent blocking.



LOWEST PROFILE: in the industry provides unmatched control, maneuverability, and feedback.

COMFORT GRIP: Three sizes of vibration absorbing "Comfort Grips" are available to improve feel and reduce hand fatigue.

FULL FLOATING ROTOR: designed to reduce internal friction for a higher power transfer ratio, simplified maintenance, and longer tool life. Polymer rotor provides faster acceleration and lower overall tool weight.

Exclusive AirSHIELD™ BEARING PROTECTION SYSTEM: Allows one way filtered airflow to pass into spindle bearing chamber. Cooler running, dust free bearings mean longer bearing life.

DURABLE SHROUDS to withstand the rigors of everyday use.

Full line of high quality, weight mated back-up pads are available.

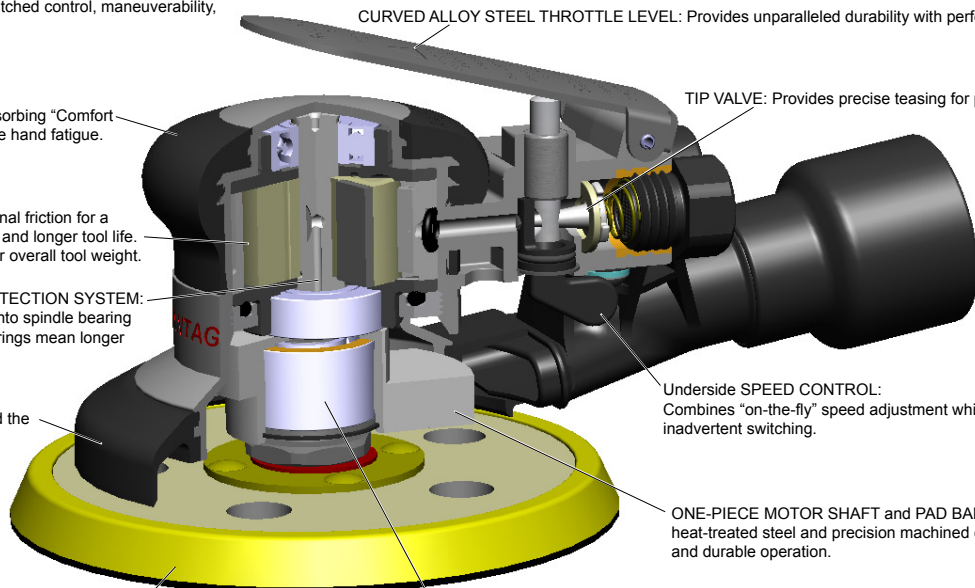
CURVED ALLOY STEEL THROTTLE LEVEL: Provides unparalleled durability with perfect ergonomics.

TIP VALVE: Provides precise teasing for perfect sander control.

Underside SPEED CONTROL: Combines "on-the-fly" speed adjustment while helping to preventing inadvertent switching.

ONE-PIECE MOTOR SHAFT and PAD BALANCER: features heat-treated steel and precision machined construction for smooth and durable operation.

RUGGED BEARING: provides for longer tool life.



3 inch (77 mm) Random Orbital Sanders

- Available in three orbits— $\frac{3}{32}$ (2.5 mm), $\frac{3}{16}$ (5 mm) and $\frac{5}{16}$ (8 mm)
- Screen abrasive ready.
- All sanders come with a $2\frac{3}{4}$ inch grip. $2\frac{1}{2}$ and 3 inch grips are also available. See page 42.
- Compact.

031200

3 in. (77 mm) Non-Vacuum



031268

3 in. (77 mm) Self-Generated Vacuum



031235

3 in. (77 mm) Central Vacuum



3 in. (77 mm) Palm-Style Tool Selector

Standard Product Configuration Table: Random Orbital Sander - 12,000 RPM

Note: All Central Vacuum machines use $\frac{3}{4}$ in. Vacuum Hose Fittings Standard. $\frac{1}{2}$ in. is available for Central Vacuum.
All Self Generated Vacuum machines use $\frac{1}{2}$ in. Vacuum Hose Fittings Standard. $\frac{3}{4}$ in. is available for Self Generated Vacuum.
All 3 in. machines are shrouded with $\frac{1}{4}$ -20 male pad attachment.

Pad Face	Vac Type	Pad Type	Pad P/N	$\frac{3}{32}$ in. (2.5 mm) orbit Model No.	$\frac{3}{16}$ in. (5 mm) orbit Model No.	$\frac{5}{16}$ in. (8 mm) orbit Model No.
Vinyl for PSA mounted abrasives	Non-Vac	3 in. (77 mm) diameter	1232100	031200	031290	031351
	Central Vac	3 in. (77 mm) diameter	1232110	031234	031311	031371
	Self-Gen Vac	3 in. (77 mm) diameter	1232110	031267	031331	031390
Hook for loop mounted abrasives	Non-Vac	3 in. (77 mm) diameter	1232102	031201	031291	031352
	Central Vac	3 in. (77 mm) diameter	1232112	031235	031312	031372
	Self-Gen Vac	3 in. (77 mm) diameter	1232112	031268	031332	031391

3 inch (77 mm) Random Orbital Sanders

- Available in three orbits- $\frac{3}{32}$ (2.5 mm), $\frac{3}{16}$ (5 mm) and $\frac{5}{16}$ (8 mm)
- Screen abrasive ready.
- All sanders come with a $2\frac{3}{4}$ inch grip. $2\frac{1}{2}$ and 3 inch grips are also available. See page 42.
- Compact.



031291
3 in. (77 mm) Non-Vacuum



031331
3 in. (77 mm) Self-Generated Vacuum



031311
3 in. (77 mm) Central Vacuum



3 in. (77 mm) Light Weight Random Orbital Sanders Table of Specifications

Sander Type	Motor hp (W)	Pad Dim. Inch (mm)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)			Height Inch (mm)			Length Inch (mm)		
				$\frac{3}{32}$ in. (2.5 mm) orbit	$\frac{3}{16}$ in. (5 mm) orbit	$\frac{5}{16}$ in. (8 mm) orbit	$\frac{3}{32}$ in. (2.5 mm) orbit	$\frac{3}{16}$ in. (5 mm) orbit	$\frac{5}{16}$ in. (8 mm) orbit	$\frac{3}{32}$ in. (2.5 mm) orbit	$\frac{3}{16}$ in. (5 mm) orbit	$\frac{5}{16}$ in. (8 mm) orbit
Non-vacuum	0.28 (209)	3 (77)	17 (481)	1.12 (0.51)	1.35 (0.61)	1.37 (0.62)	3.09 (78.61)	3.268 (83.01)	3.268 (83.01)	4.89 (124.33)	4.905 (124.6)	4.964 (126.1)
Central Vacuum	0.28 (209)	3 (77)	17 (481)	1.26 (0.57)	1.48 (0.67)	1.50 (0.68)	3.09 (78.61)	3.268 (83.01)	3.268 (83.01)	7.33 (186.17)	7.305 (185.6)	7.364 (187.1)
Self-generated Vac	0.28 (209)	3 (77)	17 (481)	1.30 (0.59)	1.49 (0.68)	1.51 (0.69)	3.09 (78.61)	3.268 (83.01)	3.268 (83.01)	7.63 (193.9)	7.64 (194.1)	7.7 (195.6)

Additional Specifications: Air Inlet Thread is $\frac{1}{4}$ in. NPT and Hose I.D. is $\frac{1}{4}$ in. (6 mm).
* Air flow/consumption specifications are @ 90 psig (6.2 bar)

5 in. (125 mm) and 6 in. (152 mm) Random Orbital Sanders

- Available in three orbits— $\frac{3}{32}$ (2.5 mm), $\frac{3}{16}$ (5 mm) and $\frac{5}{16}$ (8 mm)
- All sanders come with a $2\frac{3}{4}$ inch grip. $2\frac{1}{2}$ and 3 inch grips are also available. See page 42.
- Compact.



051300

5 in. (127 mm) Non-Vacuum



061300

6 in. (152 mm) Non-Vacuum



061367

6 in. (152 mm) Self-Generated Vacuum

5 in. (127 mm) and 6 in. (152 mm) Random Orbital Sanders Table of Specifications

Sander Type	Motor hp (W)	Pad Size and Type In. (mm)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)			Height Inch (mm)			Length Inch (mm)		
				$\frac{3}{32}$ in. (2.5 mm) orbit	$\frac{3}{16}$ in. (5 mm) orbit	$\frac{5}{16}$ in. (8 mm) orbit	$\frac{3}{32}$ in. (2.5 mm) orbit	$\frac{3}{16}$ in. (5 mm) orbit	$\frac{5}{16}$ in. (8 mm) orbit	$\frac{3}{32}$ in. (2.5 mm) orbit	$\frac{3}{16}$ in. (5 mm) orbit	$\frac{5}{16}$ in. (8 mm) orbit
Non-vacuum	0.28 (209)	5 (127) LP	17 (481)	1.59 (0.72)	1.65 (0.75)	1.70 (0.77)	3.3 (83)	3.3 (83)	3.3 (83)	5.8 (148)	5.9 (152)	6.1 (157)
Central Vacuum	0.28 (209)	5 (127) LP	17 (481)	1.72 (0.78)	1.79 (0.81)	1.83 (0.83)	3.3 (83)	3.3 (83)	3.3 (83)	8.2 (210)	8.3 (211)	8.4 (213)
Self-generated Vac	0.28 (209)	5 (127) LP	17 (481)	1.76 (0.80)	1.83 (0.83)	1.87 (0.85)	3.3 (83)	3.3 (83)	3.3 (83)	8.5 (218)	8.6 (219)	8.7 (221)
Non-vacuum	0.28 (209)	6 (152) LP	17 (481)	1.68 (0.76)	1.74 (0.79)	1.79 (0.81)	3.3 (83)	3.3 (83)	3.3 (83)	6.3 (161)	6.4 (162)	6.5 (164)
Central Vacuum	0.28 (209)	6 (152) LP	17 (481)	1.81 (0.82)	1.87 (0.85)	1.92 (0.87)	3.3 (83)	3.3 (83)	3.3 (83)	8.7 (222)	8.8 (223)	8.9 (225)
Self-generated Vac	0.28 (209)	6 (152) LP	17 (481)	1.87 (0.85)	1.94 (0.88)	1.98 (0.90)	3.3 (83)	3.3 (83)	3.3 (83)	9.0 (231)	9.1 (232)	9.2 (234)

additional Specifications: Air Inlet Thread is $\frac{1}{4}$ in. NPT and Hose I.D. is $\frac{1}{4}$ in. (6 mm).

* Air flow/consumption specifications are @ 90 psig (6.2 bar)

5 in. (127 mm) and 6 in. (152 mm) Random Orbital Sanders

- Available in three orbits- $\frac{3}{32}$ (2.5 mm), $\frac{3}{16}$ (5 mm) and $\frac{5}{16}$ (8 mm)
- All sanders come with a $2\frac{3}{4}$ inch grip. $2\frac{1}{2}$ and 3 inch grips are also available. See page 42.
- Compact.



Available with
Vacuum Collection
Bag and Inserts
for Self-Generated model



061334

6 in. (152 mm) Central Vacuum

5 in. (127 mm) and 6 in. (152 mm) Palm-Style Tool Selector

Standard Product Configuration Table: Random Orbital Sander - 12,000 RPM

Note: All Vacuum machines use Ø 1 in. Vacuum Hose Fittings Standard. Ø $\frac{3}{4}$ in. is available.
All Random Orbital Sanders listed below come standard with shrouds and all use pads with $\frac{5}{16}$ -24 male studs.

Pad Face	Vac Type	Pad Type	Pad Part Number	$\frac{3}{32}$ in. (2.5 mm) orbitModel No.	$\frac{3}{16}$ in. (5 mm) orbitModel No.	$\frac{5}{16}$ in. (8 mm) orbitModel No.
Vinyl for PSA mounted abrasives	Non-Vac	5 in. (127 mm) diameter Low Profile	1250100	051200	051300	051400
		6 in. (152 mm) diameter Low Profile	1260100	061200	061300	061400
	Central Vac	5 in. (127 mm) diameter Low Profile	1250110	051234	051334	051434
		6 in. (152 mm) diameter Low Profile	1260110	061234	061334	061434
	Self-Gen Vac	5 in. (127 mm) diameter Low Profile	1250110	051267	051367	051467
		6 in. (152 mm) diameter Low Profile	1260110	061267	061367	061467
Hook for loop mounted abrasives	Non-Vac	5 in. (127 mm) diameter Low Profile	1250101	051202	051302	051402
		6 in. (152 mm) diameter Low Profile	1260101	061202	061302	061402
	Central Vac	5 in. (127 mm) diameter Low Profile	1250111	051236	051336	051436
		6 in. (152 mm) diameter Low Profile	1260111	061236	061336	061436
		5 in. (127 mm) diameter LP screen abrasive 	1250142	051238	051338	051438
		6 in. (152 mm) diameter LP screen abrasive 	1260142	061238	061338	061438
	Self-Gen Vac	5 in. (127 mm) diameter Low Profile	1250111	051269	051369	051469
		6 in. (152 mm) diameter Low Profile	1260111	061269	061369	061469
		5 in. (127 mm) diameter LP screen abrasive 	1250142	051271	051371	051471
		6 in. (152 mm) diameter LP screen abrasive 	1260142	061271	061371	061471

 These machines are especially designed to use screen abrasive or multihole paper.

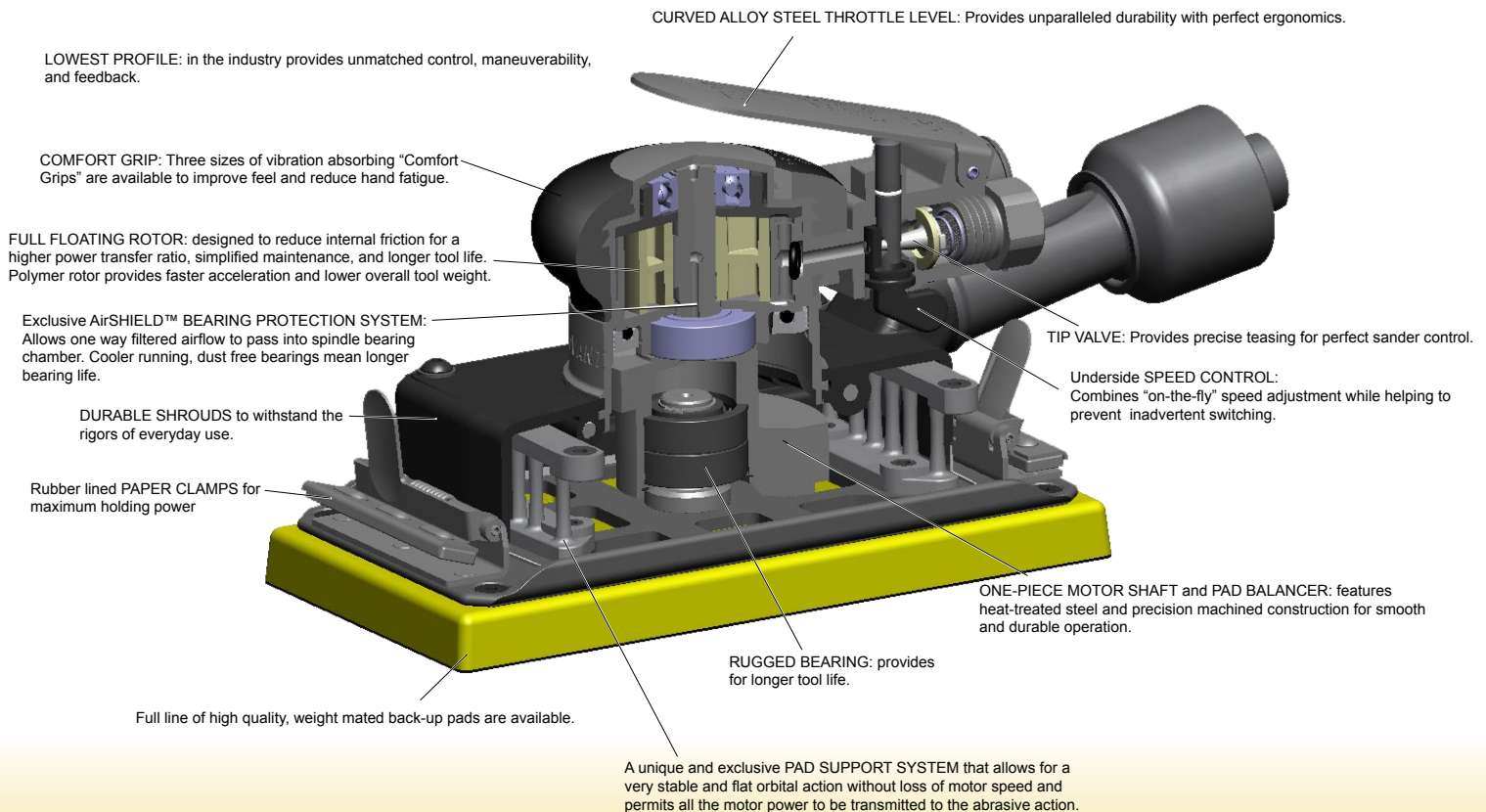
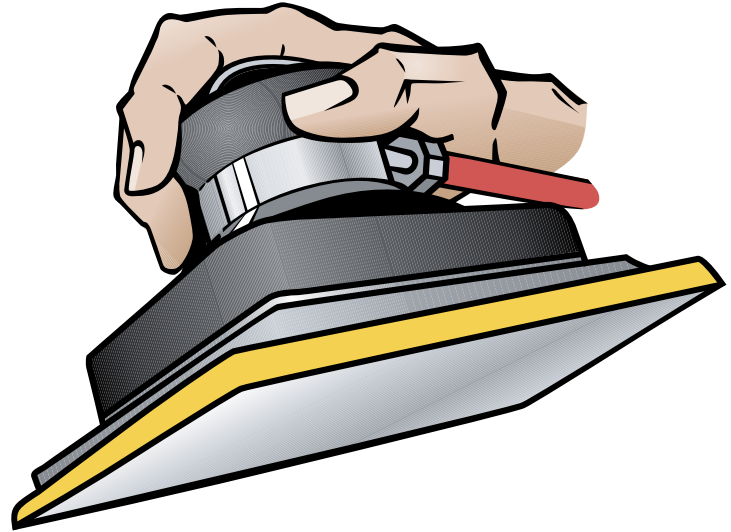
Advanced Construction

- Full floating rotor design reduces internal friction for a higher power transfer ratio, simplified maintenance, and longer tool life.
- One-piece motor shaft and pad balancer features heat-treated alloy and precision machined construction for smooth and durable operation.
- Polymer rotor provides faster acceleration and lower overall tool weight.
- Rugged composite housing resists corrosion and withstands harsh treatment, including hard “hits” typical of industrial use.
- Full line of back-up pads available.

Orbital Sanders:

The orbital sander has the features already built in the random orbital sander and has the following additions.

- Lightest weight full size orbital sander in the world. One-half the weight of popular brands.
- All models features a full 10,000 orbits per minute (OPM).
- Pad suspension system that produces unmatched performance
- Pad remains flat throughout full orbit at any speed.
- Low weight, superior balance and minimum vibration give the operator full control and freedom from fatigue.



3 x 4 inch (75 x 100 mm) Orbital Sanders

- 1/8 inch (3 mm) orbit for perfect finishes.
- Compact shape for hard to reach places.
- All 3x4 machines are equipped with straight edge pads. Curved edge pads are available. See page 41.
- All sanders come with a 2 3/4 inch grip. 2 1/2 and 3 inch grips are also available. See page 42.

341001

3 x 4 in. (75 x 100 mm)
Non-Vacuum



341035

3 x 4 in. (75 x 100 mm)
Central Vacuum



3 x 4 in. (75 x 100 mm) Palm-Style Orbital Tool Selector

Standard Product Configuration: Orbital Sander - 10,000 OPM -
1/8 in. (3 mm) Orbit

Pad Face	Vac Type	Paper Pattern	Pad P/N	Model No.
Vinyl for PSA mounted abrasives	Non-Vac		1273500	341000
	Central Vac		1273510	341034
	Self-Gen Vac		1273510	341067
Hook for loop mounted abrasives	Non-Vac		1273501	341001
	Central Vac		1273511	341035
			1273542	341036
	Self-Gen Vac		1273511	341068
			1273542	341069

Note: See page 41 for curved edge pads.

341068

3 x 4 in. (75 x 100 mm)
Self-Generated Vacuum



3 x 4 in. (75 x 100 mm) Orbital Sanders Table of Specifications

Sander Type	Motor hp (W)	Nominal Pad Dim. In. (mm)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)	Height In. (mm)	Length In. (mm)
Non-vacuum	0.24 (179)	3 x 4 in. (75 x 100 mm)	17 (481)	1.43 (0.65)	3.3 (84)	5.5 (139)
Central Vacuum	0.24 (179)	3 x 4 in. (75 x 100 mm)	17 (481)	1.53 (0.69)	3.3 (84)	8.0 (202)
Self-generated Vac	0.24 (179)	3 x 4 in. (75 x 100 mm)	17 (481)	1.58 (0.72)	3.3 (84)	8.2 (209)

Additional Specifications: Air Inlet Thread is 1/4 in. NPT and Hose I.D. is 1/4 in. (6 mm).

* Air flow/consumption specifications are @ 90 psig (6.2 bar)

3 x 5 inch (81 x 133 mm) Orbital Sanders

Shown with 1 inch (28 mm) Hose adapter
also available with 3/4 inch (19 mm) hose adapter



351001
3 x 5 in. (81 x 133 mm)
Non-Vacuum



351036
3 x 5 in. (81 x 133 mm)
Central Vacuum



351069
3 x 5 in. (81 x 133 mm)
Self-Generated Vacuum

3 x 5 in. (81 x 133 mm) Palm-Style Orbital Tool Selector

Standard Product Configuration: Orbital Sander - 10,000 OPM -
1/8 in. (3 mm) Orbit

Pad Face	Vac Type	Paper Pattern	Pad P/N	Model No.
Vinyl for PSA mounted abrasives	Non-Vac		1272900	351000
	Central Vac		1272910	351034
	Self-Gen Vac		1272910	351067
Hook for loop mounted abrasives	Non-Vac		1272901	351001
	Central Vac		1272911	351035
			1272942	351036
	Self-Gen Vac		1272911	351068
			1272942	351069



3 x 5 in. (81 x 133 mm) Orbital Sanders Table of Specifications

Sander Type	Motor hp (W)	Nominal Pad Dim. Inch (mm)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
Non-vacuum	0.24 (179)	3 x 5 in. (81 x 133 mm)	17 (481)	1.79 (0.81)	3.7 (95)	6.0 (153)
Central Vacuum	0.24 (179)	3 x 5 in. (81 x 133 mm)	17 (481)	1.89 (0.86)	3.7 (95)	8.5 (217)
Self-generated Vac	0.24 (179)	3 x 5 in. (81 x 133 mm)	17 (481)	1.93 (0.87)	3.7 (95)	8.8 (224)

Additional Specifications: Air Inlet Thread is 1/4 in. NPT and Hose I.D. is 1/4 in. (6 mm).

* Air flow/consumption specifications are @ 90 psig (6.2 bar)

3 x 7 inch (75 x 175 mm) Orbital Sanders



371000

3 x 7 in. (75 x 175 mm)
Non-Vacuum



371035

3 x 7 in. (75 x 175 mm)
Central Vacuum



371067

3 x 7 in. (75 x 175 mm)
Self-Generated Vacuum



3 x 7 in. (75 mm x 175 mm) Palm-Style Orbital Tool Selector

Standard Product Configuration: Orbital Sander - 10,000 OPM - 5/32 in. (4 mm) Orbit

Pad Face	Vac Type	Paper Pattern	Pad P/N	Model No.
Vinyl for PSA mounted abrasives	Non-Vac		1273100	371000
	Central Vac		1273110	371034
	Self-Gen Vac		1273110	371067
Hook for loop mounted abrasives	Non-Vac		1273101	371001
	Central Vac		1273111	371035
			1273142	371036
	Self-Gen Vac		1273111	371068
			1273142	371069

3 x 7 in. (75 mm x 175 mm) Orbital Sanders Table of Specifications

Sander Type	Motor hp (W)	Nominal Pad Dim. Inch (mm)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
Non-vacuum	0.24 (179)	3 x 7 in. (75 x 175 mm)	17 (481)	1.90 (0.86)	3.8 (97)	6.8 (174)
Central Vacuum	0.24 (179)	3 x 7 in. (75 x 175 mm)	17 (481)	1.98 (0.90)	3.8 (97)	9.3 (237)
Self-generated Vac	0.24 (179)	3 x 7 in. (75 x 175 mm)	17 (481)	2.01 (0.91)	3.8 (97)	9.6 (243)

Additional Specifications: Air Inlet Thread is 1/4 in. NPT and Hose I.D. is 1/4 in. (6 mm).

* Air flow/consumption specifications are @ 90 psig (6.2 bar)

3 x 8 inch (70 x 198 mm) Orbital Sanders

- 1/8 inch (3 mm) orbit for perfect finishes.
- Compact shape for hard to reach places.
- All sanders come with a 2 3/4 inch grip. 2 1/2 and 3 inch grips are also available. See page 42.

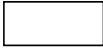
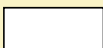
381037

3 x 8 in. (70 x 198 mm)
Central Vacuum



3 x 8 in. (70 x 198 mm) Palm-Style Orbital Tool Selector

Standard Product Configuration: Orbital Sander - 10,000 OPM -
1/8 in. (3 mm) Orbit

Pad Face	Vac Type	Paper Pattern	Pad P/N	Model No.
Vinyl for PSA mounted abrasives	Non-Vac		1275200	381000
Hook for loop mounted abrasives	Non-Vac		1275201	381001
	Central Vac		1275241	381036
	Self-Gen Vac		1275241	381069
Hook for J-Hook mounted abrasives	Non-Vac		1275202	381002
	Central Vac		1275242	381037
	Self-Gen Vac		1275242	380170



381001

3 x 8 in. (70 x 198 mm)
Non-Vacuum

3 x 8 in. (70 x 198 mm) Orbital Sanders Table of Specifications

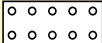
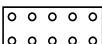
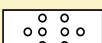
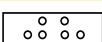
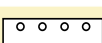
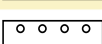
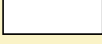
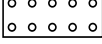
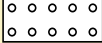
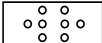
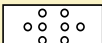
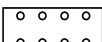
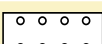
Sander Type	Motor hp (W)	Nominal Pad Dim. Inch (mm)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
Non-vacuum	0.24 (179)	3 x 8 in. (70 x 198 mm)	17 (481)	2.02 (0.92)	4.65 (118)	7.72 (196)
Central Vacuum	0.24 (179)	3 x 8 in. (70 x 198 mm)	17 (481)	2.10 (0.96)	4.65 (118)	9.76 (248)
Self-generated Vac	0.24 (179)	3 x 8 in. (70 x 198 mm)	17 (481)	2.14 (0.97)	4.65 (118)	10.26 (261)

Additional Specifications: Air Inlet Thread is 1/4 in. NPT and Hose I.D. is 1/4 in. (6 mm).
* Air flow/consumption specifications are @ 90 psig (6.2 bar)

3²/₃ x 7 inch (93 x 178 mm) Orbital Sanders

3²/₃ x 7 in. (93 x 178 mm) Palm-Style Orbital Tool Selector

Standard Product Configuration: Orbital Sander - 10,000 OPM - 1/8 in. (3 mm) Orbit

Pad Face	Vac Type	Paper Pattern	Pad P/N	Model No.
Vinyl for Clamp-on Paper	Non-Vac		1273300	471000
Vinyl for PSA mounted abrasives	Non-Vac		1273300	471001
	Central Vac		1273310	471034
	Self-Gen Vac		1273310	471067
	Central Vac		1273320	471035
	Self-Gen Vac		1273320	471068
	Central Vac		1273330	471036
	Self-Gen Vac		1273330	471069
Hook for loop mounted abrasives	Non-Vac		1273301	471002
	Central Vac		1273311	471037
	Self-Gen Vac		1273311	471070
	Central Vac		1273321	471038
	Self-Gen Vac		1273321	471071
	Central Vac		1273331	471039
	Self-Gen Vac		1273331	471072
Hook for J-Hook mounted abrasives	Central Vac Screen		1273342	471040
	Self-Gen Vac Screen		1273342	471073

Orbital Sanders Unique Features

- More power and faster cutting than any equivalent machine on the market.
- Full range pad option.
- All sanders come with a 2³/₄ inch grip. 2¹/₂ and 3 inch grips are also available. See page 42.



471034

3²/₃ x 7 in. (93 x 178 mm)
Central Vacuum



471000

3²/₃ x 7 in. (93 x 178 mm)
Non-Vacuum
Clamp on Paper Style

3²/₃ x 7 in. (93 x 178 mm) Orbital Sanders Table of Specifications

Sander Type	Motor hp (W)	Nominal Pad Dim. Inch (mm)	*Air Flow SCFM (LPM)	**Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
Non-vacuum (Clamp-on paper)	0.24 (179)	3 ² / ₃ x 7 in. (93 x 178 mm)	17 (481)	2.2 (1.00)	3.9 (98)	6.9 (176)
Central Vacuum (screw-on pad)	0.24 (179)	3 ² / ₃ x 7 in. (93 x 178 mm)	17 (481)	2.2 (1.00)	4.03 (102)	9.4 (239)
Self-generated Vac (screw-on pad)	0.24 (179)	3 ² / ₃ x 7 in. (93 x 178 mm)	17 (481)	2.3 (1.02)	4.03 (102)	9.6 (245)

Additional Specifications: Air Inlet Thread is 1/4 in. NPT and Hose I.D. is 1/4 in. (6 mm).

* Air flow/consumption specifications are @ 90 psig (6.2 bar)

**Specified weight is not for clamp style models.

1 1/4 inch (32 mm) Mini Random Orbital Sanders

- The perfect machine for removing dust nibs and scratches on base coat/clear coat.
- 1/4-20 Coupling.
- All sanders come with a 2 3/4 inch grip. 2 1/2 and 3 inch grips are also available. See page 42.



1 1/4 in. (32 mm) Palm-Style Tool Selector

Standard Product Configuration Table: Mini Random Orbital Sander

Note: 3,000 RPM Machine has planetary gears to reduce speed to 3,000 RPM and 1/4-20 female pad attachment

RPM	Orbit	Pad Face	Pad Type	Pad P/N	Model No.
3,000	3/32 in. (2.5 mm)	Vinyl for PSA mounted abrasives	1¼ in. (32 mm) diameter	1211500	011000
		Hook for loop mounted abrasives	1¼ in. (32 mm) diameter	1211501	011001
8,000		Vinyl for PSA mounted abrasives	1¼ in. (32 mm) diameter	1211500	011034
		Hook for loop mounted abrasives	1¼ in. (32 mm) diameter	1211501	011035

1 1/4 (32 mm) Random Orbital Sanders Table of Specification

Model Number	Motor hp (W)	Pad Dim. Inch (mm)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
011000	0.28 (209)	1 1/4 (32)	15 (425)	1.24 (0.56)	4.7 (119)	4.9 (124)
011034	0.28 (209)	1 1/4 (32)	15 (425)	1.09 (0.50)	3.9 (99)	4.9 (124)

Additional Specifications: Air Inlet Thread is 1/4" NPT and Hose I.D. is 1/4" (6 mm).

* Air flow/consumption specifications are @ 90 psig (6.2 bar)

1 1/4 inch (32 mm) / 3 inch (77 mm) Buffers/Polishers/Rotary Sander

031400

3 in. (77 mm) Buffer/Polisher and Rotary Sander



- All sanders come with a 2 3/4 inch grip. 2 1/2 and 3 inch grips are also available. See page 42.



031402

Buffer/Polisher, Rotary Sander and Mini ROS

AVA1120

Mini ROS Head Assembly



Buffers/Polishers/Rotary Sanders Tool Selector

Buffer/Polisher/Rotary Sander 3 in. (77 mm) 3,000 RPM Mini-Random Orbital Sander and Buffer/Polisher Kit 1 1/4 in. (32 mm) 3,000 RPM

Standard Product Configuration for 3 in. (77 mm) Buffer/Rotary Sander and 1 1/4 in. (32 mm) Mini Random Orbital Sander - 3,000 RPM

Note: All models & configurations in this table are Non-Vacuum

Machine Type	Orbit	Pad Face	Pad Type	Pad P/N	Model No.
Buffer/Polisher and Rotary Sander	NA	Vinyl for PSA mounted abrasives	3 in. (77 mm) diameter (1/4 - 20 male)	1232100	031400
Buffer/Polisher and Rotary Sander	NA	Hook for loop mounted abrasives	3 in. (77 mm) diameter (1/4 - 20 male)	1232101	031401

Description	Part Number
Mini ROS Head Assembly	AVA1120

Kit Configuration	Orbit	Pad Face	Pad Type	Pad P/N	Model No.
Buffer/Polisher, Rotary Sander and Mini ROS	3/32 in. (2.5 mm) Mini ROS Only	Vinyl for PSA mounted abrasives	3 in. (77 mm) diameter (1/4 - 20 male)	1232100	031402
		Hook for loop mounted abrasives	3 in. (77 mm) diameter (1/4 - 20 male)	1232101	
		Vinyl for PSA mounted abrasives	1 1/4 in. (32 mm) diameter (1/4 - 20 female)	1211500	

3 in. (77 mm) Buffer/Rotary Sander and 1 1/4 in.(32 mm) Mini Random Orbital Sander Table of Specifications

Model Number	Motor hp W	Pad Dim. Inch (mm)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
031400	0.28 (209)	3 (77)	17 (481)	1.29 (0.59)	3.5 (89)	4.9 (124)

Additional Specifications: Air Inlet Thread is 1/4 in. NPT and Hose I.D. is 1/4 in. (6 mm).

* Air flow/consumption specifications are @ 90 psig (6.2 bar)

3 inch (77 mm) Buffer/Polisher



031500

3 in. (77 mm) Buffer/Polisher

- 3/8 in. (10.0 mm) Orbit
- All buffer/polishers come with a 2³/₄ inch grip. 2¹/₂ and 3 inch grips are also available. See page 42.

Buffing Pad not included with Buffer

Buffer/Polisher Tool Selector

Standard Product Configuration for 3 in. (77 mm) Buffer/Polisher - 10,000 RPM

Note: All models & configurations in this table are Non-Vacuum

Machine Type	Orbit	Pad Face	Pad Type	Pad P/N	Model No.
Buffer/Polisher	3/8 in. (10.0 mm)	Vinyl for PSA mounted abrasives	3 in. (77 mm) diameter (1/4 - 20 male)	1232100	031500
		Hook for loop mounted abrasives	3 in. (77 mm) diameter (1/4 - 20 male)	1232101	031501

3 in. (77 mm) Buffer/Polisher Table of Specifications

Model Number	Motor hp W	Pad Dim. Inch (mm)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
031500	0.28 (209)	3 (77)	17 (481)	1.70 (0.77)	3.6 (92)	5.1 (131)

Additional Specifications: Air Inlet Thread is 1/4 in. NPT and Hose I.D. is 1/4 in. (6 mm).

* Air flow/consumption specifications are @ 90 psig (6.2 bar)

Buffer Accessories



4-Ply Twisted Wool Polishing/
Buffering Pad with Loop Facing
AVA0155



Foam Polishing/Buffering Pad
with Loop Facing
AVA0156



Wool Blend Polishing/Buffering
Pad with Loop Facing
AVA0154



Lamb's Wool Polishing/Buffering
Pad with Natural Hide Facing
AVA0378

Right Angle Mini Orbital Sander

- Lightweight and improved balance for operator comfort.
- Ideal for nib removal and spot repair.
- 1/8 inch (3 mm) orbit for perfect finishes.



001015

1 1/4 in. (32 mm)
Right Angle Mini Orbital Sander

- Available in three sanding pads.



AVA2513/AVA2742

1 1/4 in. Disc Pad
Vinyl / Hook Face
Quick-Lock



1211500/1211501

1 1/4 in. Disc Pad
Vinyl / Hook Face
1/4 in.-20 Female Thread



AVK0001

1 1/4 in. Disc Pad
Vinyl Face
Velcro

1 1/4 in. (32 mm) Right Angle Mini Orbital Sander Tool Selector

Standard Product Configuration Table: Right Angle Mini Orbital Sander 8,000 RPM-1/8 in. (3 mm) Orbit

Pad Face	Vac Type	Pad Type 1 1/4 in. diameter	Pad P/N	Model No.
Vinyl for PSA mounted abrasives	Non-Vac	Quick-Lock	AVA2513	001011
Hook for loop mounted abrasives	Non-Vac	Quick-Lock	AVA2742	001012
Vinyl for PSA mounted abrasives	Non-Vac	1/4"-20 Female Thread	1211500	001013
Hook for loop mounted abrasives	Non-Vac	1/4"-20 Female Thread	1211501	001014
Vinyl for PSA mounted abrasives	Non-Vac	Velcro	AVK0001	001015

1 1/4 in. (32 mm) Right Angle Mini Orbital Sander Table of Specifications

Sander Type	Motor hp (W)	Pad Dim. Inch (mm)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
Non-vacuum	0.48 (357)	1 1/4 (32)	18 (509)	1.32 (0.60)	4.11 (104.5)	6.18 (156.9)

Additional Specifications: Air Inlet Thread is 1/4 in. NPT and Hose I.D. is 1/4 in. (6 mm).
* Air flow/consumption specifications are @ 90 psig (6.2 bar)

7 Degree Offset Mini Random Orbital Sanders

- Ergonomic 7 Degree offset handle and lightweight design minimize operator fatigue.
- Rear exhaust directs air away from the operator.
- Excellent for removing dirt nibs in clear coats and for spot repair.
- 3/16 inch (5 mm) orbit.
- Available in two spindle sizes.



001021

1 1/4 in. (32 mm)
7 Degree Offset Mini Random Orbital Sander
Quick-Lock Pad



001024

1 1/4 in. (32 mm)
7 Degree Offset Mini Random Orbital Sander
1/4 in. -20 Female Thread Pad

7 Degree Offset Mini Random Orbital Sander Versatility Kit

- Four Tools In One. Two mini-random orbital sanders, 1/4 in. die grinder and 3-1/2 in. disc sander.

Kit Configuration

Model Number 3/8"-24 (1/4"-20)	Kit Includes
001030 (001040)	1 - 3200 RPM 7 Degree Air Tool 1 - Mini Random Orbital Head Assembly with 1/4"-20 Female Thread Pad 1 - Mini Random Orbital Head Assembly with Quick Lock Pad 1 - 3-Piece 1/4" Collet 1 - 3" (77 mm) Dia. Disc Pad, Hook Face 1 - 3 1/2 (89 mm) Dia. Pad Vinyl Face



001030

7 Degree Offset Mini Random Orbital Sander Versatility Kit

7 Degree Offset Mini Random Orbital Sander Table of Specifications 3,200 RPM-3/16 in. (5 mm) Orbit

Model Number	Spindle Thread	Pad Type 1 1/4 in. diameter	Pad Dim. Inch (mm)	Motor hp (W)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
001021	3/8"-24 Male	Quick-Lock (Vinyl)	1 1/4 (32)	0.40 (298)	22 (626)	1.60 (0.73)	5.99 (152.0)	6.81 (173.0)
001031	1/4"-20 Male	Quick-Lock (Vinyl)	1 1/4 (32)	0.40 (298)	22 (626)	1.60 (0.73)	5.99 (152.0)	6.81 (173.0)
001022	3/8"-24 Male	Quick-Lock (Hook)	1 1/4 (32)	0.40 (298)	22 (626)	1.60 (0.73)	5.99 (152.0)	6.81 (173.0)
001032	1/4"-20 Male	Quick-Lock (Hook)	1 1/4 (32)	0.40 (298)	22 (626)	1.60 (0.73)	5.99 (152.0)	6.81 (173.0)
001023	3/8"-24 Male	1/4"-20 Female Thread (Vinyl)	1 1/4 (32)	0.40 (298)	22 (626)	1.60 (0.73)	5.91 (150.0)	6.81 (173.0)
001033	1/4"-20 Male	1/4"-20 Female Thread (Vinyl)	1 1/4 (32)	0.40 (298)	22 (626)	1.60 (0.73)	5.91 (150.0)	6.81 (173.0)
001024	3/8"-24 Male	1/4"-20 Female Thread (Hook)	1 1/4 (32)	0.40 (298)	22 (626)	1.60 (0.73)	5.91 (150.0)	6.81 (173.0)
001034	1/4"-20 Male	1/4"-20 Female Thread (Hook)	1 1/4 (32)	0.40 (298)	22 (626)	1.60 (0.73)	5.91 (150.0)	6.81 (173.0)

Additional Specifications: Air Inlet Thread is 1/4 in. NPT.
* Air flow/consumption specifications are @ 90 psig (6.2 bar)

Disc Sanders

- Lightweight ergonomic design for operator comfort.
- Rear exhaust.
- Soft grip for increased comfort.



001043

3 1/2 in. (89 mm) 7 Degree Offset Disc Sander
with Vinyl Face Pad
3,200 RPM

001042

3 in. (77 mm) Right Angle Disc Sander
12,000 RPM



- Available in two spindle sizes.

Disc Sander Table of Specifications

Model Number	Pad Dim. Inch (mm)	Spindle(Tool) Thread	Free speed (RPM)	Motor hp (W)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
001041	2 (51)	1/4"-20 Male	12,000	0.40 (298)	22 (626)	1.32 (0.60)	4.40 (111.9)	6.30 (160.0)
001042	3 (77)	1/4"-20 Male	12,000	0.40 (298)	22 (626)	1.40 (0.64)	4.40 (111.9)	6.83 (173.4)
001043	3 1/2 (89)	3/8"-24 Male	3,200	0.40 (298)	22 (626)	1.50 (0.68)	4.78 (121.5)	7.76 (197.0)
001044	3 1/2 (89)	1/4"-20 Male	3,200	0.40 (298)	22 (626)	1.50 (0.68)	4.78 (121.5)	7.76 (197.0)

Additional Specifications: Air Inlet Thread is 1/4 in. NPT

* Air flow/consumption specifications are @ 90 psig (6.2 bar)

Rotary Buffer

- Rear exhaust.
- Available in two spindle sizes.
- 3,200 RPM.



001071

3 in. (77 mm)
7 Degree Offset Rotary Sander

3 in. (77 mm) 7 Degree Offset Rotary Buffer Table of Specifications

Model Number	Pad Dim. Inch (mm)	Spindle Thread	Free speed (RPM)	Motor hp (W)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
001071	3 (77)	3/8"-24 Male	3,200	0.40 (298)	22 (626)	1.46 (0.66)	4.30 (109.0)	7.49 (190.0)
001072		1/4"-20 Male						

Additional Specifications: Air Inlet Thread is 1/4 in. NPT.

* Air flow/consumption specifications are @ 90 psig (6.2 bar)

Die Grinders

- Rear exhaust directs air away from the operator.
- Soft grip for increased comfort.
- Available in 1/4 in. and 6 mm collet.



001081

Right Angle Die Grinder
12,000 RPM

001083

7 Degree Offset Die Grinder
3,200 RPM



- Available in two spindle sizes.

Die Grinders Table of Specifications

Model Number	Collet Size	Spindle Thread	Free speed (RPM)	Motor hp (W)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
001081	1/4 in.	n/a	12,000	0.40 (298)	22 (626)	1.24 (0.56)	3.23 (81.9)	6.10 (155.2)
001082	6 mm	n/a	12,000	0.40 (298)	22 (626)	1.24 (0.56)	3.23 (81.9)	6.10 (155.2)
001083	1/4 in.	3/8"-24 Male	3,200	0.40 (298)	22 (626)	1.57 (0.71)	5.63 (143.0)	6.81 (173.0)
001084	6 mm	3/8"-24 Male	3,200	0.40 (298)	22 (626)	1.57 (0.71)	5.63 (143.0)	6.81 (173.0)
001085	1/4 in.	1/4"-20 Male	3,200	0.40 (298)	22 (626)	1.57 (0.71)	5.63 (143.0)	6.81 (173.0)
001086	6 mm	1/4"-20 Male	3,200	0.40 (298)	22 (626)	1.57 (0.71)	5.63 (143.0)	6.81 (173.0)

Additional Specifications: Air Inlet Thread is 1/4 in. NPT.

* Air flow/consumption specifications are @ 90 psig (6.2 bar)

Air Turbine Die Grinders

- Light weight and high power-to-weight ratio. Low vibration reduces operator fatigue. Quiet running (68 dBA). Low air consumption and oil free.
- Precision and high tolerance parts manufactured to the highest standards. No vanes to wear out or break. Minimizes repair cost and down time.
- Unique patented motor design and ceramic bearings for maximum durability.
- Ideal for precision deburring and metal removal on precision castings. High speed grinding provides an excellent surface finish that requires no polishing operations.

001051

Air Turbine Die Grinder



001054

Air Turbine Die Grinder



Air Turbine Die Grinders Table of Specifications

Model No.	1/8" Shank (3 mm Shank)	001051 (001061)	001052 (001062)	001053 (001063)	001054 (001064)	001055 (001065)	001056 (001066)
Free Speed RPM		35,000	50,000	65,000	35,000	50,000	65,000
Power Rating hp (kW)		0.15 (0.11)	0.2 (0.15)	0.2 (0.15)	0.43 (0.32)	0.5 (0.37)	0.55 (0.41)
*Air Consumption SCFM(l/s)		8 (3.78)			12 (5.67)		
TIR Collet Held Shank		Less than 0.002" (0.05 mm)			Less than 0.002" (0.05 mm)		
Sound Level		Less than 75 dBA			Less than 75 dBA		
Weight pound (kg)		0.31 (0.14)			0.46 (0.21)		
Additional Specifications: Air Inlet Thread is ¼ in. NPT.							
* Air flow/consumption specifications are @ 90 psig (6.2 bar)							

001057

Air Turbine Die Grinder



001058

Air Turbine Die Grinder



Air Turbine Die Grinders Table of Specifications

Model No.	1/4" Shank (6 mm Shank)	001057 (001067)	001058 (001068)
Speed RPM		40,000	25,000
Power Rating hp (kW)		0.45 (0.34)	0.76 (0.57)
*Air Consumption SCFM(l/s)		12 (5.67)	16 (7.56)
TIR Collet Held Shank		Less than 0.002" (0.05 mm)	
Sound Level		Less than 75 dBA	
Air Inlet Size		1/4" NPT	3/8" NPT
Weight pound (kg)		0.87 (0.39)	2.25 (1.02)
* Air flow/consumption specifications are @ 90 psig (6.2 bar)			

Spot Weld Drill Kit

Features:

- 2 position trigger, first position sets the anvil the second position starts the drill
- Adjustable depth stop allows you to drill out just the spot weld and not the panel beneath
- Drills out the entire spot weld, eliminates the need for grinding

Kit Includes:

- 1 - Air Spot Weld Drill
- 5 - Drill Bits (2-6.5 mm, 2-8 mm & 1-10 mm)
- 2 - Anvils-standard and large
- 1 - Plastic Blow Moulded Case that allows easy storage of drill with either anvil attached and quick connect coupling



Spot Weld Drill Kit Table of Specifications

Model Number	Drill Bit Size Chuck Capacity	Free Speed	Overall Length:	Net Weight:	Air Inlet Thread NPT	Air Hose I.D. Size:	Avg. Air Consumption:	Air Pressure
001002	5/16"	1,600	123.4" (324 mm)	6.4 lbs (2.9 g)	1/4"	3/8"	18 scfm	90 psi

Replacement Drill Bits-5 Pack

Part Number	Drill Size
AVA0995	6.5 mm
AVA0996	8.0 mm
AVA0997	10.0 mm



AirVANTAGE offers you several tools to save you time and labor by smoothing down hardened drips, runs or sags in that otherwise perfect paint job.

De-nibber



120000



The AirVANTAGE de-nibber features a two sided reversible file face with coarse and fine sides and an ergonomically designed grip for comfort and perfect control.

Model Number

120000

HandiSHAVERTM



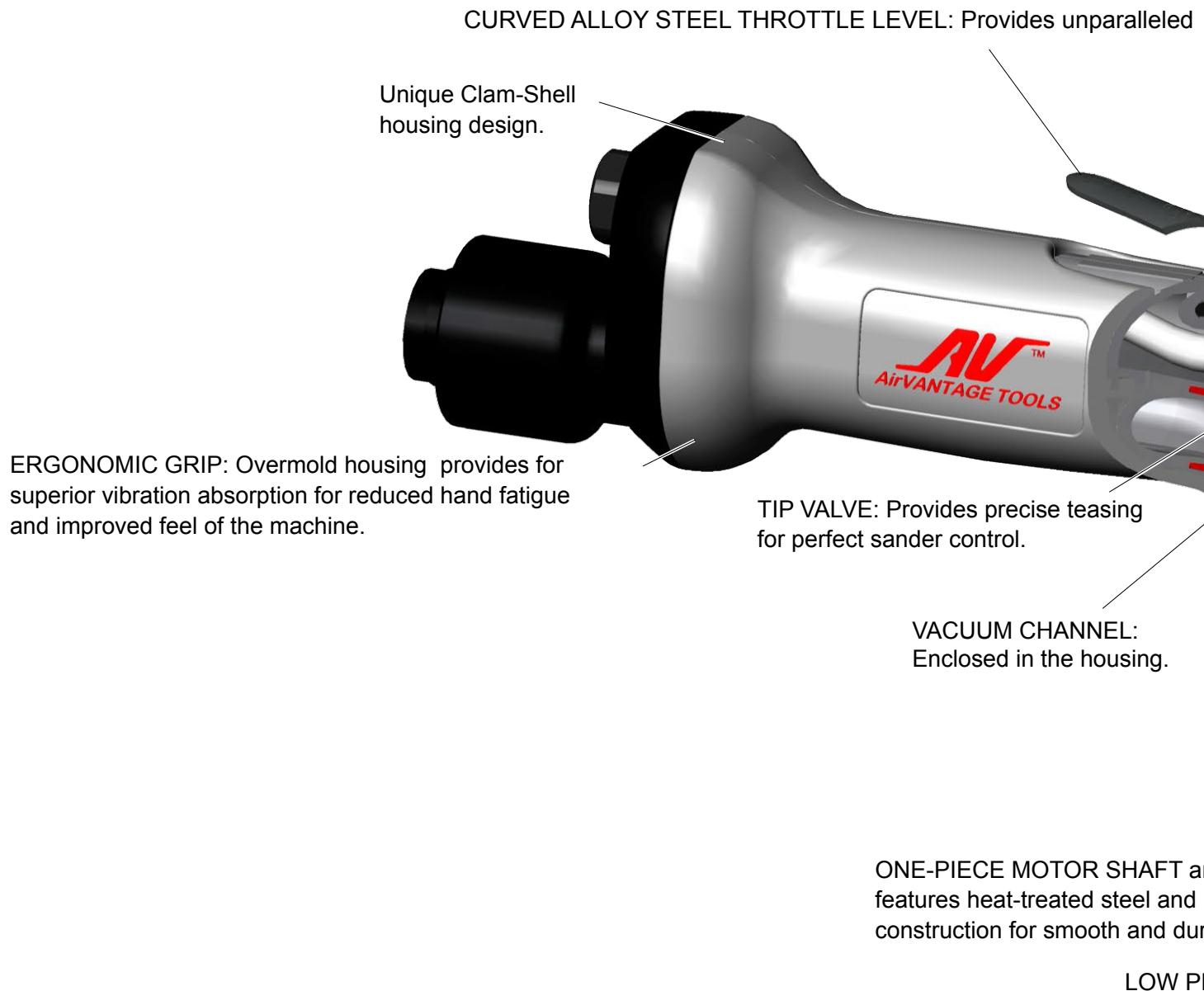
120010

The AirVANTAGE HandiSHAVERTM helps you quickly correct any defects in your paint job. Simply "shave" away any drips or runs with HandiSHAVER's hardened steel blade. It comes conveniently packaged in its own case.

Model Number	Size	Weight
120000	3/4 x 1 5/8 (20x42 mm)	.14 lbs
120010	1 3/16 x 1 7/8 (28x48 mm)	.06 lbs.

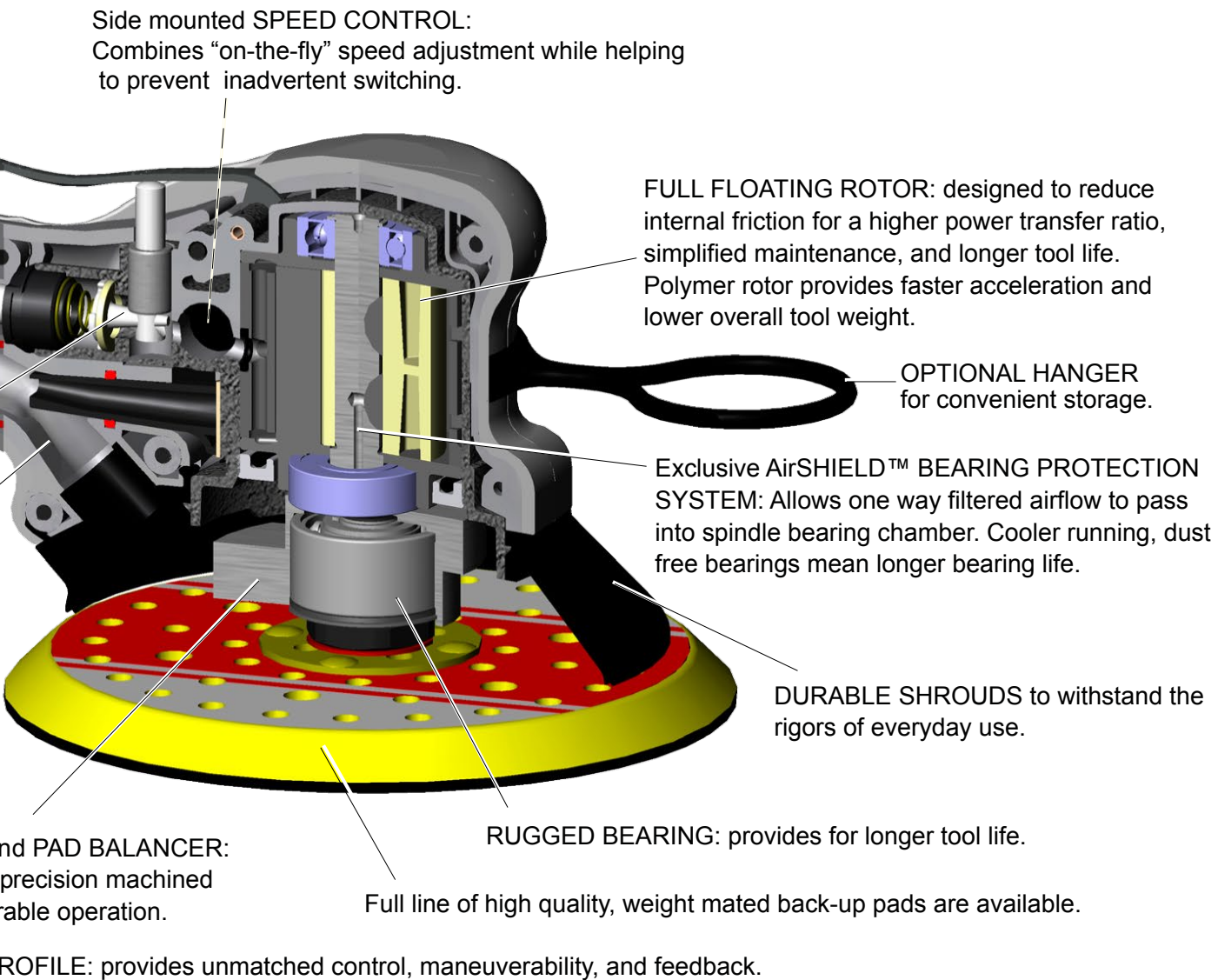
TwoHAND™ 5/6 in. ROS

Superior Handling Features



Advanced Construction

durability with perfect ergonomics.



5 and 6 in. TwoHAND™ Random Orbital Sanders



052253

5 in. (127 mm) TwoHAND™ ROS
Central-Vacuum

5 in. (127 mm) and 6 in. (152 mm) TwoHAND™ Tool Selector

Standard Product Configuration Table: TwoHAND™ Random Orbital Sander - 12,000 RPM

Note: All Vacuum machines use Ø 1 in. Vacuum Hose Fittings Standard. Ø 3/4 in. is available.
All Random Orbital Sanders listed below come standard with shrouds and all use pads with 5/16-24 male studs. Skirts are available separately

Pad Face	Vac Type	Pad Type	Pad Part Number	3/32 in. (2.5 mm) orbit Model No.	3/16 in. (5 mm) orbit Model No.	3/8 in. (10 mm) orbit Model No.
Vinyl for PSA mounted abrasives	Non-Vac	5 in. (127 mm) diameter Low Profile	1250100	052076	052226	052376
		6 in. (152 mm) diameter Low Profile	1260100	062100	062300	062500
	Central Vac	5 in. (127 mm) diameter Low Profile	1250110	052101	052251	052401
		6 in. (152 mm) diameter Low Profile	1260110	062131	062331	062531
	Self-Gen Vac	5 in. (127 mm) diameter Low Profile	1250110	052126	052276	052426
		6 in. (152 mm) diameter Low Profile	1260110	062161	062361	062561
Hook for loop mounted abrasives	Non-Vac	5 in. (127 mm) diameter Low Profile	1250101	052078	052228	052378
		6 in. (152 mm) diameter Low Profile	1260101	062102	062302	062502
	Central Vac	5 in. (127 mm) diameter Low Profile	1250111	052103	052253	052403
		6 in. (152 mm) diameter Low Profile	1260111	062133	062333	062533
		5 in. (127 mm) diameter LP screen abrasive 	1250142	052105	052255	052405
		6 in. (152 mm) diameter LP screen abrasive 	1260142	062135	062335	062535
	Self-Gen Vac	5 in. (127 mm) diameter Low Profile	1250111	052128	052278	052428
		6 in. (152 mm) diameter Low Profile	1260111	062163	062363	062563
		5 in. (127 mm) diameter LP screen abrasive 	1250142	052130	052280	052430
		6 in. (152 mm) diameter LP screen abrasive 	1260142	062165	062365	062565

 These machines are especially designed to use screen abrasive or multihole paper.

5 and 6 in.TwoHAND™ Random Orbital Sanders

- TWO HANDED GRIP for better control on vertical or horizontal surfaces.
- Side mounted SPEED CONTROL that allows “on-the-fly” speed adjustment while helping to prevent inadvertent switching.
- ERGONOMIC GRIP: Overmold housing provides for superior vibration absorption for reduced hand fatigue and improved feel of the machine.
- CURVED ALLOY STEEL THROTTLE LEVEL that provides unparalleled durability with perfect ergonomics
- OPTIONAL HANGER for convenient storage.
- UNIQUE HOUSING DESIGN allows the sander to be placed on its back without activating the throttle.
- All sanders come with a 3 inch GRIPS
- Full line of high quality, weight mated BACK-UP PADS are available.

5 in. (127 mm) and 6 in. (152 mm) TwoHAND™ Random Orbital Sanders Table of Specifications

SanderType	Pad Face	Motorr HP (watts)	Pad Size and Type In. (mm)	**Air Flow SCFM (LPM)	Product Net Weight lb. (kg)			Height† in. (mm)			Length in. (mm)					
					3/32 in. (2.5 mm) orbit	3/16 in. (5.0 mm) orbit	3/8 in. (10.0 mm) orbit	3/32 in. (2.5 mm) orbit	3/16 in. (5.0 mm) orbit	3/8 in. (10.0 mm) orbit	3/32 in. (2.5 mm) orbit	3/16 in. (5.0 mm) orbit	3/8 in. (10.0 mm) orbit			
Non-Vacuum	Vinyl	.46 (343)	5 (127) LP	21 (594)	2.55 (1.16)	2.60 (1.18)	2.70 (1.22)	4.38 (111.37)			10.74 (272.7)	10.78 (273.9)	10.88 (276.4)			
			6 (152) LP		2.64 (1.20)	2.71 (1.23)	2.81 (1.27)				11.18 (284.0)	11.23 (285.2)	11.33 (287.7)			
Central Vacuum			5 (127) LP		2.61 (1.18)	2.67 (1.21)	2.76 (1.25)				12.33 (313.3)	12.38 (314.5)	12.48 (317.0)			
			6 (152) LP		2.73 (1.24)	2.80 (1.27)	2.90 (1.31)				12.78 (324.6)	12.83 (325.8)	12.93 (328.3)			
Self-Generated Vacuum			5 (127) LP		2.59 (1.18)	2.65 (1.20)	2.74 (1.24)				12.33 (313.3)	12.38 (314.5)	12.48 (317.0)			
			6 (152) LP		2.71 (1.23)	2.78 (1.26)	2.88 (1.31)				12.78 (324.6)	12.83 (325.8)	12.93 (328.3)			
Non-Vacuum	Hook		5 (127) LP		2.55 (1.16)	2.60 (1.18)	2.70 (1.22)				4.39 (111.43)			10.74 (272.7)	10.78 (273.9)	10.88 (276.4)
			6 (152) LP		2.64 (1.20)	2.71 (1.23)	2.81 (1.27)							11.18 (284.0)	11.23 (285.2)	11.33 (287.7)
Central Vacuum			5 (127) LP		2.61 (1.18)	2.67 (1.21)	2.76 (1.25)							12.33 (313.3)	12.38 (314.5)	12.48 (317.0)
			6 (152) LP		2.73 (1.24)	2.80 (1.27)	2.90 (1.31)							12.78 (324.6)	12.83 (325.8)	12.93 (328.3)
Self-Generated Vacuum			5 (127) LP		2.59 (1.18)	2.65 (1.20)	2.74 (1.24)							12.33 (313.3)	12.38 (314.5)	12.48 (317.0)
			6 (152) LP		2.71 (1.23)	2.78 (1.26)	2.88 (1.31)							12.78 (324.6)	12.83 (325.8)	12.93 (328.3)
Non-Vacuum	J-Hook	5 (127) LP	2.55 (1.16)	2.60 (1.18)	2.70 (1.22)	4.43 (112.6)			10.74 (272.7)	10.78 (273.9)	10.88 (276.4)					
		6 (152) LP	2.64 (1.20)	2.71 (1.23)	2.81 (1.27)				11.18 (284.0)	11.23 (285.2)	11.33 (287.7)					
Central Vacuum		5 (127) LP	2.61 (1.18)	2.67 (1.21)	2.76 (1.25)				12.33 (313.3)	12.38 (314.5)	12.48 (317.0)					
		6 (152) LP	2.73 (1.24)	2.80 (1.27)	2.90 (1.31)				12.78 (324.6)	12.83 (325.8)	12.93 (328.3)					
		5 (127) SA	2.61 (1.18)	2.67 (1.21)	2.76 (1.25)				12.33 (313.3)	12.38 (314.5)	12.48 (317.0)					
		6 (152) SA	2.73 (1.24)	2.80 (1.27)	2.90 (1.31)				12.78 (324.6)	12.83 (325.8)	12.93 (328.3)					
Self-Generated Vacuum		5 (127) LP	2.59 (1.18)	2.65 (1.20)	2.74 (1.24)				12.33 (313.3)	12.38 (314.5)	12.48 (317.0)					
		6 (152) LP	2.71 (1.23)	2.78 (1.26)	2.88 (1.31)				12.78 (324.6)	12.83 (325.8)	12.93 (328.3)					
		5 (127) SA	2.59 (1.18)	2.65 (1.20)	2.74 (1.24)				12.33 (313.3)	12.38 (314.5)	12.48 (317.0)					
		6 (152) SA	2.71 (1.23)	2.78 (1.26)	2.88 (1.31)				12.78 (324.6)	12.83 (325.8)	12.93 (328.3)					

LP-Low Profile; SA-Screen Abrasive

Additional Specifications: Air Inlet Thread is ¼ in. NPT and Hose I.D. is ¼ in. (6 mm).

** Air flow/consumption specifications are @ 90 psig (6.2 bar)

†Sander height is based on use of PSA pad

TwoHAND™ Geared Buffer/Sanders

- TWO HANDED GRIP for better control on vertical or horizontal surfaces.
- Side mounted SPEED CONTROL that allows “on-the-fly” speed adjustment while helping to prevent inadvertent switching.
- ERGONOMIC GRIP: Overmold housing provides for superior vibration absorption for reduced hand fatigue and improved feel of the machine.
- CURVED ALLOY STEEL THROTTLE LEVEL that provides unparalleled durability with perfect ergonomics
- OPTIONAL HANGER for convenient storage.
- UNIQUE HOUSING DESIGN allows the sander to be placed on its back without activating the throttle.
- All sanders come with a 3 inch GRIPS
- Full line of high quality, weight mated BACK-UP PADS are available.

032401

3 in. (77 mm) TwoHAND™
Geared Orbital Buffer



052777

5 in. (127 mm) TwoHAND™
Geared Orbital Buffer

3 in. (77 mm) and 5 in. (127 mm) TwoHAND™ Geared Buffer/Sander Tool Selector

Standard Product Configuration Table: TwoHAND™ Geared Buffer/Sander- 3,000 RPM

Pad Face	Vac Type	Pad Type	Pad Part Number	Model No.
Vinyl for PSA mounted abrasives	Non-Vac	3 in. (77 mm) diameter Low Profile	1230100	032400
Hook for loop mounted abrasives	Non-Vac	3 in. (77 mm) diameter Low Profile	1230101	032401
Vinyl for PSA mounted abrasives	Non-Vac	5 in. (127 mm) diameter Low Profile	1250100	052776
Hook for loop mounted abrasives	Non-Vac	5 in. (127 mm) diameter Low Profile	1250101	052777

3 in. (77 mm) and 5 in. (127 mm) TwoHAND™ Geared Buffer/Sander- Table of Specifications

Buffer Type	Motor hp (W)	Pad Dim. Inch (mm)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
Non-vacuum	0.28 (209)	3 (77)	18 (510)	2.1 (0.96)	4.47 (113.6)	9.68 (245.9)
	0.46 (343)	5 (127)	20 (566)	2.3 (1.02)	4.48 (113.9)	10.67 (271.0)

Additional Specifications: Air Inlet Thread is 1/4 in. NPT and Hose I.D. is 1/4 in. (6 mm).

* Air flow/consumption specifications are @ 90 psig (6.2 bar)

TwoHAND™ Orbital Buffer

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- CURVED ALLOY STEEL THROTTLE LEVEL that provides unparalleled durability with perfect ergonomics
- OPTIONAL HANGER for convenient storage.
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- Full line of high quality, weight mated BACK-UP PADS are available.



052001
5 in. (127 mm) TwoHAND™
Random Orbital Buffer

3 in. (77 mm) and 5 in. (127 mm) TwoHAND™ Random Orbital Buffer Tool Selector

Standard Product Configuration Table: TwoHAND™ Random Orbital Buffer- 10,000 RPM

Pad Face	Vac Type	Pad Type	Pad Part Number	1/2 in. (12 mm) orbit Model No.
Vinyl for PSA mounted abrasives	Non-Vac	3 in. (77 mm) diameter Low Profile	1230100	032000
Hook for loop mounted abrasives	Non-Vac	3 in. (77 mm) diameter Low Profile	1230101	032001
Vinyl for PSA mounted abrasives	Non-Vac	5 in. (127 mm) diameter Low Profile	1250100	052000
Hook for loop mounted abrasives	Non-Vac	5 in. (127 mm) diameter Low Profile	1250101	052001

3 in. (77 mm) and 5 in. (127 mm) TwoHAND™ Random Orbital Buffer- Table of Specifications

Buffer Type	Motor hp (W)	Pad Dim. Inch (mm)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
Non-vacuum	0.37 (276)	3 (77)	18 (510)	2.60 (1.18)	4.26 (108.2)	9.9 (251.9)
	0.46 (343)	5 (127)	20 (566)	2.71 (1.23)	4.31 (109.6)	10.9 (277.0)

Additional Specifications: Air Inlet Thread is 1/4 in. NPT and Hose I.D. is 1/4 in. (6 mm).
* Air flow/consumption specifications are @ 90 psig (6.2 bar)

TwoHAND™ Orbital Sanders

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082105
8 in. (200 mm) TwoHAND™
ROS Central-Vacuum

8 in. (200 mm) TwoHAND™ Tool Selector

Standard Product Configuration Table: TwoHAND™ Random Orbital Sander - 10,000 RPM

Note: All Vacuum machines use Ø 1 in. Vacuum Hose Fittings Standard.
All hook face pads listed are molded hook.
All Random Orbital Sanders listed below come standard with shrouds.

Pad Face	Vac Type	Pad Type	Pad Part Number	3/16 in. (5 mm) orbit Model No.
Vinyl for PSA mounted abrasives	Non-Vac	8 in. (200 mm) diameter Low Profile	1280100	082076
	Central Vac	8 in. (200 mm) diameter Low Profile	1280110	082101
	Self-Gen Vac	8 in. (200 mm) diameter Low Profile	1280110	082126
Hook for loop mounted abrasives	Non-Vac	8 in. (200 mm) diameter Low Profile	1280101	082078
	Central Vac	8 in. (200 mm) diameter Low Profile	1280111	082103
		8 in. (200 mm) diameter LP screen abrasive 	1280141	082105
	Self-Gen Vac	8 in. (200 mm) diameter Low Profile	1280111	082128
		8 in. (200 mm) diameter LP screen abrasive 	1280141	082130

 These machines are
especially designed to use screen
abrasive or multihole paper.

8 in. (200 mm) TwoHAND™ Table of Specifications

Sander Type	Motor hp (W)	Nominal Pad Dim. Inch (mm)	*Air Flow SCFM (LPM)	Product Net Wt. Pound (kg)	Height Inch (mm)	Length Inch (mm)
Non-vacuum	0.46 (343)	8 in. (200 mm)	23 (651)	3.34 (1.52)	4.98 (126.6)	12.27 (311.6)
Central Vacuum	0.46 (343)	8 in. (200 mm)	23 (651)	3.42 (1.56)	4.98 (126.6)	13.87 (352.2)
Self-generated Vac	0.46 (343)	8 in. (200 mm)	23 (651)	3.41 (1.55)	4.98 (126.6)	13.87 (352.2)

Additional Specifications: Air Inlet Thread is ¼ in. NPT and Hose I.D. is ¼ in. (6 mm).
* Air flow/consumption specifications are @ 90 psig (6.2 bar)

Back-up Pads

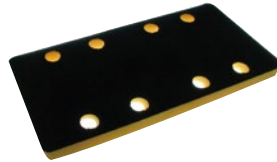
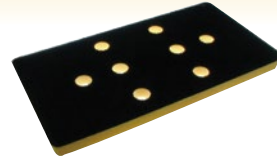
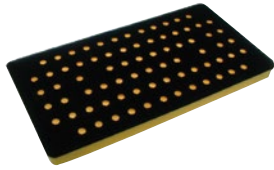
Description		Weight	Part No.	
1 1/4 in. (32 mm) (1/4-20 female), vinyl face		na	1211500	
1 1/4 in. (32 mm) (1/4-20 female), hook face		na	1211501	
 1 5/16 in. (34 mm) (1/4-20 female) short hook face (for Screen Abrasive)		na	1213903	
3 in. (77 mm) straight edge, nv, vinyl face		80 gm	1231300	
3 in. (77 mm) straight edge, nv, hook face		80 gm	1231301	
3 in. (77 mm) straight edge, nv, j-hook face		80 gm	1231302	
 3 in. (77 mm) low profile(1/4-20), nv, vinyl face		30 gm	1232100	
3 in. (77 mm) low profile(1/4-20), nv, hook face		30 gm	1232101	
3 in. (77 mm) low profile(1/4-20), nv, j-hook face		30 gm	1232102	
3 in. (77 mm) low profile(1/4-20), vac, vinyl face		30 gm	1232110	
3 in. (77 mm) low profile(1/4-20), vac, hook face		30 gm	1232111	
3 in. (77 mm) low profile(1/4-20), vac, j-hook face		30 gm	1232112	
 3 1/2 in. (89 mm) low profile, nv, vinyl face		80 gm	1230100	
3 1/2 in. (89 mm) low profile, nv, hook face		80 gm	1230101	
5 in. (127 mm) low profile, nv, vinyl face		100 gm	1250100	
5 in. (127 mm) low profile, nv, hook face		100 gm	1250101	
5 in. (127 mm) low profile, nv, j-hook face		100 gm	1250102	
 5 in. (127 mm) low profile, vac, vinyl face		100 gm	1250110	
5 in. (127 mm) low profile, vac, hook face		100 gm	1250111	
5 in. (127 mm) low profile, delta (6 holes) vac, hook face		100 gm	1251111	
5 in. (127 mm) low profile, delta (6 holes) vac, j-hook face		100 gm	1251112	
5 in. (127 mm) low profile, delta screen vac, j-hook face		100 gm	1251142	
 5 in. (127 mm) low profile, (8 holes) vac, vinyl face		100 gm	1250170	
5 in. (127 mm) low profile, (8 holes) vac, hook face		100 gm	1250171	
5 in. (127 mm) low profile, (8 holes) vac, j-hook face		100 gm	1250172	
5 in. (127 mm) low profile, screen vac, j-hook face		100 gm	1250142	
 5 in. (127 mm) tapered edge, nv, vinyl face		100 gm	1250300	
5 in. (127 mm) tapered edge, nv, hook face		100 gm	1250301	
5 in. (127 mm) tapered edge, vac, vinyl face		100 gm	1250310	
5 in. (127 mm) tapered edge, vac, hook face		100 gm	1250311	
 6 in. (152 mm) low profile, nv, vinyl face		130 gm	1260100	
6 in. (152 mm) low profile, nv, hook face		130 gm	1260101	
6 in. (152 mm) low profile, vac, vinyl face		130 gm	1260110	
6 in. (152 mm) low profile, vac, hook face		130 gm	1260111	
 6 in. (152 mm) low profile, screen vac, j-hook face		130 gm	1260142	
6 in. (152 mm) tapered edge, nv, vinyl face		130 gm	1260300	
6 in. (152 mm) tapered edge, nv, hook face		130 gm	1260301	
 6 in. (152 mm) tapered edge, vac, vinyl face		130 gm	1260310	
6 in. (152 mm) tapered edge, vac, hook face		130 gm	1260311	
6 in. (152 mm) low profile, 6+1, vac, vinyl face		130 gm	1260160	
6 in. (152 mm) low profile, 6+1, vac, hook face		130 gm	1260161	
6 in. (152 mm) low profile, 6+1, vac, j-hook face		130 gm	1260162	
 6 in. (152 mm) low profile, screen vac +15, j-hook face		130 gm	1264542	

Back-up Pads

Description	Weight	Part No.
3 x 4 in. (75 mm x 100 mm), screw-on, straight edge, nv, vinyl face	38 gm	1273500
3 x 4 in. (75 mm x 100 mm), screw-on, straight edge, nv, hook face	38 gm	1273501
3 x 4 in. (75 mm x 100 mm), screw-on, straight edge, nv, j-hook face	38 gm	1273502
3 x 4 in. (75 mm x 110 mm), screw-on, curved edge, nv, vinyl face	38 gm	1272700
3 x 4 in. (75 mm x 110 mm), screw-on, curved edge, nv, hook face	38 gm	1272701
3 x 4 in. (75 mm x 110 mm), screw-on, curved edge, nv, j-hook face	38 gm	1272702
3 x 4 in. (75 mm x 100 mm), screw-on, straight edge, std vac, vinyl face	38 gm	1273510
3 x 4 in. (75 mm x 100 mm), screw-on, straight edge, std vac, hook face	38 gm	1273511
3 x 4 in. (75 mm x 100 mm), screw-on, straight edge, std vac, j-hook face	38 gm	1273512
3 x 4 in. (75 mm x 110 mm), screw-on, curved edge, std vac, vinyl face	38 gm	1272710
3 x 4 in. (75 mm x 110 mm), screw-on, curved edge, std vac, hook face	38 gm	1272711
3 x 4 in. (75 mm x 110 mm), screw-on, curved edge, std vac, j-hook face	38 gm	1272712
3 x 4 in. (75 mm x 100 mm), screw-on, straight edge, screen vac, j-hook face	38 gm	1273542
3 x 4 in. (75 mm x 110 mm), screw-on, curved edge, screen vac, j-hook face	38 gm	1272742
3 x 5 in. (81 mm x 133 mm), screw-on, nv, vinyl face	50 gm	1272900
3 x 5 in. (81 mm x 133 mm), screw-on, nv, hook face	50 gm	1272901
3 x 5 in. (81 mm x 133 mm), screw-on, nv, j-hook face	50 gm	1272902
3 x 5 in. (81 mm x 133 mm), screw-on, std vac, vinyl face	50 gm	1272910
3 x 5 in. (81 mm x 133 mm), screw-on, std vac, hook face	50 gm	1272911
3 x 5 in. (81 mm x 133 mm), screw-on, std vac, j-hook face	50 gm	1272912
3 x 5 in. (81 mm x 133 mm), screw-on, screen vac, j-hook face	50 gm	1272942
3 x 7 in. (75 mm x 175 mm), screw-on, nv, vinyl face	70 gm	1273100
3 x 7 in. (75 mm x 175 mm), screw-on, nv, hook face	70 gm	1273101
3 x 7 in. (75 mm x 175 mm), screw-on, nv, j-hook face	70 gm	1273102
3 x 7 in. (75 mm x 175 mm), screw-on, std vac, vinyl face	70 gm	1273110
3 x 7 in. (75 mm x 175 mm), screw-on, std vac, hook face	70 gm	1273111
3 x 7 in. (75 mm x 175 mm), screw-on, std vac, j-hook face	70 gm	1273112
3 x 7 in. (75 mm x 175 mm), screw-on, screen vac, j-hook face	70 gm	1273142
3 x 8 in. (70 mm x 198 mm), screw-on, nv, vinyl face	75 gm	1275200
3 x 8 in. (70 mm x 198 mm), screw-on, nv, hook face	75 gm	1275201
3 x 8 in. (70 mm x 198 mm), screw-on, nv, j-hook face	75 gm	1275202
3 x 8 in. (70 mm x 198 mm), screw-on, screen vac, hook face	75 gm	1275241
3 x 8 in. (70 mm x 198 mm), screw-on, screen vac, j-hook face	75 gm	1275242
3 ² / ₃ x 7 in. (93 mm x 178 mm), screw-on, nv, vinyl face	85 gm	1273300
3 ² / ₃ x 7 in. (93 mm x 178 mm), screw-on, nv, hook face	85 gm	1273301
3 ² / ₃ x 7 in. (93 mm x 178 mm), screw-on, nv, j-hook face	85 gm	1273302
3 ² / ₃ x 7 in. (93 mm x 178 mm), screw-on, US vac, vinyl face	85 gm	1273310
3 ² / ₃ x 7 in. (93 mm x 178 mm), screw-on, US vac, hook face	85 gm	1273311
3 ² / ₃ x 7 in. (93 mm x 178 mm), screw-on, US vac, j-hook face	85 gm	1273312

Back-up Pads

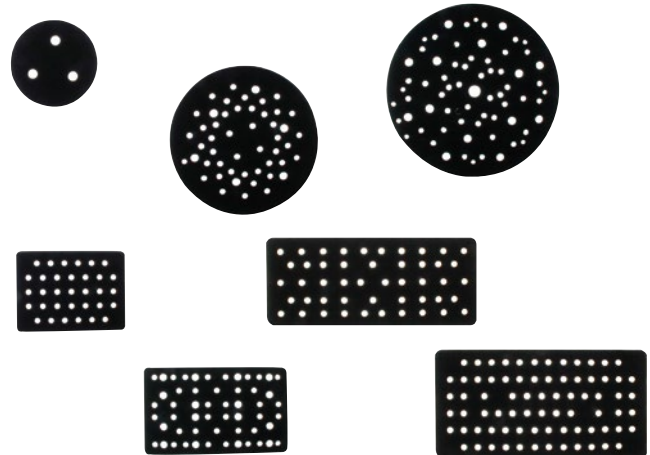
Description	Weight	Part No.
3 ² / ₃ x 7 in. (93 mm x 178 mm), screw-on, Asian vac, vinyl face	85 gm	1273320
3 ² / ₃ x 7 in. (93 mm x 178 mm), screw-on, Asian vac, hook face	85 gm	1273321
3 ² / ₃ x 7 in. (93 mm x 178 mm), screw-on, Asian vac, j-hook face	85 gm	1273322
3 ² / ₃ x 7 in. (93 mm x 178 mm), screw-on, screen vac, j-hook face	85 gm	1273342
3 ² / ₃ x 7 in. (93 mm x 178 mm), screw-on, Euro vac, vinyl face	85 gm	1273330
3 ² / ₃ x 7 in. (93 mm x 178 mm), screw-on, Euro vac, hook face	85 gm	1273331
3 ² / ₃ x 7 in. (93 mm x 178 mm), screw-on, Euro vac, j-hook face	85 gm	1273332



PadSAVERS™

PadSAVERS increase the life of hook face pads. The PadSAVERS are an interface that attaches between the pad and the abrasive. Over time hook material on the face of a pad wears out and no longer can deliver adequate holding force for abrasive. With PadSAVERS the hook material on the PadSAVERS wears out and not the pad. Simply replace the PadSAVERS and not the pad at a fraction of the cost.

3 in. (77 mm) Vacuum PadSAVERS— 10 pk.	AVA0686
3 in. (77 mm) Non-Vac PadSAVERS— 10 pk.	AVA1034
5 in. (127 mm) Vacuum PadSAVERS— 10 pk.	AVA0687
5 in. (127 mm) Non-Vac PadSAVERS— 10 pk.	AVA0691
5 in. (127 mm) Delta PadSAVERS— 10 pk.	AVA0689
6 in. (152 mm) Vacuum PadSAVERS— 10 pk.	AVA0688
6 in. (152 mm) Non-Vac PadSAVERS— 10 pk.	AVA0690
8 in. (200 mm) Vacuum PadSAVERS— 10 pk.	AVA3124
3 x 4 in. (75 x 100 mm) Vacuum PadSAVERS— 10 pk.	AVA1036
3 x 5 in. (81 x 133 mm) Vacuum PadSAVERS— 10 pk.	AVA1038
3 x 7 in. (75 x 175 mm) Vacuum PadSAVERS— 10 pk.	AVA1040
3 ² / ₃ x 7 in. (93 x 178 mm) Vacuum PadSAVERS— 10 pk.	AVA1042
3 x 4 in. (75 x 100 mm) Non-Vac PadSAVERS— 10 pk.	AVA1078
3 x 5 in. (81 x 133 mm) Non-Vac PadSAVERS— 10 pk.	AVA1079
3 x 7 in. (75 x 175 mm) Non-Vac PadSAVERS— 10 pk.	AVA1080
3 ² / ₃ x 7 in. (93 x 178 mm) Non-Vac PadSAVERS— 10 pk.	AVA1081



Grips

All sanders come equipped with a Medium-2³/₄ inch (69 mm) grip. You can order a smaller or a larger grip depending on your needs.

Large-3 inch (75 mm)-**AVB0009**
 Medium-2³/₄ inch (69 mm)-**AVB0008**
 Small-2¹/₂ inch (65 mm)-**AVB0007**



Vacuum Conversion Kits

to convert your sander to a SuperVAC™ with a 1" (28 mm) hose connection. (3/4 inch [19 mm hose] on 3 inch ROS)

	3 in. (77 mm) ROS	To convert your:	To a SuperVAC™:	Use part number:
		low profile non-vacuum Light Weight ROS	Central Vacuum ROS with a 3 in. (77 mm) (low profile Light Weight or low profile Light Weight screened abrasive) pad	AVB0174*
		low profile Light Weight self-generated vacuum ROS	Central Vacuum ROS with a 3 in. (77 mm) low profile Light Weight or low profile Light Weight screened abrasive pad	AVB0175*
	5 in. (127 mm) ROS	low profile Light Weight non-vacuum or 3 in. (77 mm) low profile Light Weight central vacuum ROS	Self-generated Vacuum ROS with a 3 in. (low profile Light Weight or 3 in. (77 mm) low profile Light Weight screened abrasive) pad	AVB0176*
		non-vacuum ROS	Central Vacuum ROS with a 5 in. (127 mm) (low profile, delta or low profile screened abrasive only) pad	AVB0121*
		self-generated vacuum ROS	Central Vacuum ROS with a 5 in. (127 mm) (low profile, delta or low profile screened abrasive only) pad	AVB0163*
		non-vacuum or central vacuum ROS	Self-generated Vacuum ROS with a 5 in. (127 mm) (low profile, low profile screened abrasive, tapered edge and delta only) pad	AVB0165*
		non-vacuum or central vacuum ROS	Self-generated Vacuum ROS with a 5 in. (127 mm) (low profile or low profile screened abrasive only) pad	AVB0167*
	6 in. (152 mm) ROS	non-vacuum tapered edge ROS	Self-generated Vacuum ROS with a 5 in. (127 mm) tapered edge pad	AVB0169*
		non-vacuum ROS	Central Vacuum ROS with a 6 in. (152 mm) (tapered edge only) pad	AVB0121*
		non-Vacuum ROS	Central Vacuum ROS with a 6 in. (152 mm) (low profile or low profile screen abrasive only) pad	AVB0129*
		self-generated vacuum ROS	Central Vacuum ROS with a 6 in. (152 mm) (tapered edge only) pad	AVB0163*
		self-generated vacuum ROS	Central Vacuum ROS with a 6 in. (152 mm) (low profile or low profile screen abrasive) pad	AVB0164*
		non-vacuum or central vacuum ROS	Self-generated Vacuum ROS with a 6 in. (152 mm) (tapered edge only) pad	AVB0165*
		non-vacuum or central vacuum ROS	Self-generated Vacuum ROS with a 6" (152 mm) (low profile or low profile screen abrasive only) pad	AVB0166*
		non-vacuum or central vacuum ROS	Self-generated Vacuum ROS with a 6 in. (152 mm) (low profile or low profile screened abrasive only) pad	AVB0168*
		non-vacuum tapered edge ROS	Self-generated Vacuum ROS with a 6 in. (152 mm) tapered edge pad	AVB0170*
	3 x 4 in. (75 mm x 110 mm) Orbital Sander	non-vacuum Orbital Sander	Central Vacuum sander	AVB0209*
		non-vacuum Orbital Sander	Self-generated Vacuum sander	AVB0210*
	3 x 5 in. (75 mm x 127 mm) Orbital Sander	non-vacuum Orbital Sander	Central Vacuum sander	AVB0211*
		non-vacuum Orbital Sander	Self-generated Vacuum sander	AVB0212*
	3 x 7 in. (75 mm x 175 mm) Orbital Sander	non-vacuum Orbital Sander	Central Vacuum sander	AVB0213*
		non-vacuum Orbital Sander	Self-generated Vacuum sander	AVB0214*
	3 2/3 x 7 in. (93 mm x 178 mm) Orbital Sander	non-vacuum Orbital Sander	Central Vacuum sander	AVB0215*
		non-vacuum Orbital Sander	Self-generated Vacuum sander	AVB0216*
	3" x 4" (75 mm x 110 mm), 3" X 5" (75 mm x 127 mm), 3" X 7" (75 mm x 175 mm) or 3 2/3" X 7" (93 mm x 178 mm) Orbital Sander	self-generated vacuum Orbital Sander	Central Vacuum sander	AVB0217*
		central vacuum Orbital Sander	Self-generated Vacuum sander	AVB0218*

*Pad not included

Hose Adapters and Hose Fittings



Ø 1 in. Male Hose Thread to Ø 28 mm Male Hose Push-on Fitting
AVB0065



Ø 1 in. Female Hose Thread to 1 1/4 in. Female Hose Thread
AVB0098



Ø 3/4 in. Female Hose Thread to 1 1/2 in. Friction Fitting
AVB0087



Ø 1 in. Female Hose Thread to Double Vacuum Bag Fitting
AVB0123



Ø 3/4 in. Female Hose Thread to Ø 1 in. Female Hose Thread
AVB0088



Ø 3/4 in. Female Hose Thread to Double Vacuum Bag Fitting
AVB0133



Ø 1 in. Female Hose Thread to 1 1/2 in. Friction Fitting
AVB0092



Ø 1 in. Female Hose Thread to 1" Friction Fitting
AVB0114



Ø 1 in. Male Hose Thread to Ø 1 in. Male Hose Push-on Fitting
AVB0507



Ø 1 in. Male Hose Push-on Fitting to 1 1/2 in. Male Hose Push-on Fitting
AVB0477



Ø 1 in. Male Hose Push-on Fitting to 1 1/4 in. Male Hose Push-on Fitting
AVB0478

Hose Swivel Couplings

Ø 3/4 in. (19 mm) Hose Swivel Coupling
AVA1289

Ø 1 in. (28 mm) Hose Swivel Coupling
AVA1290

Ø 3/4 in. (19 mm) to Ø 1 in. (28 mm) Hose Swivel Coupling
AVA1291



Airlines

Ø 1/4 in.-18 NPT x 5 ft. (1.52 m) Long Airline with Fittings-**AVA0302**

Ø 1/4 in.-18 NPT x 25 ft. (7.6 m) Air Line with Compression Fittings-**AVA0415**

Vacuum Exhaust Hoses

3/4 in. (19 mm) Hose by the foot (50 ft [15.2 m] max length)-**AVA0666**

1 in. (26 mm) Hose by the foot (50 ft [15.2 m] max length)-**AVA0667**



Vacuum Bags and Inserts

Cloth Vacuum Collection Bag-**AVA0468**

10 Pack Of Vacuum Bag Inserts-**AVA0471**

AVC0232

Support Belt Assembly

(Does not include hoses or vacuum bag)

AVC0232



Airlines

Ø 1/4 in.-18 NPT x 5 ft. (1.52 m) Long Airline with Fittings-**AVA0302**

Ø 1/4 in.-18 NPT x 25 ft. (7.6 m) Air Line with Compression Fittings-**AVA0415**

Vacuum Exhaust Hoses

3/4 in. (19 mm) Hose by the foot (50 ft [15.2 m] max length)-**AVA0666**

1 in. (26 mm) Hose by the foot (50 ft [15.2 m] max length)-**AVA0667**



AVA0302



AVA0666



AVA0667

Vacuum Hose Assemblies

Ø 3/4 in. (19 mm) Hose x 60 in. (1.52 m) to Double Bag Fitting & Airline Assy-**AVA0411**

Ø 1 in. (26 mm) Hose x 72.8 in. (1.85 m) to Double Bag Fitting & Airline Assy-**AVA0412**

Ø 3/4 in. (19 mm) Hose x 61 in. (1.55 m) to Ø 1 in. Female Hose Thread-**AVA0300**

Ø 1 in. Hose (26 mm) x 72.8 in. (1.85 m) to Ø 1 1/2 in. Friction Fit-**AVA0392**



AVA0300



AVA0411

Overhaul Service Kit

All 1 1/4 inch Mini ROS's & Sander/Buffers

AVA0376 All the parts needed to bring your sander/buffer back to peak performance. Kit includes rotor, vanes and key; valve seat, valve, valve spring; mufflers, muffler housing; o-rings; retaining rings; valve stem assembly; bearings; shims.



3 inch lightweight ROS's

AVA0746 All the parts needed to bring your sander back to peak performance. Kit includes rotor, vanes and key; valve seat, valve, valve spring; mufflers, muffler housing; o-rings; retaining rings; valve stem assembly; bearings; shims.



5 & 6 inch 12,000 RPM ROS's

AVA0852 All the parts needed to bring your sander back to peak performance. Kit includes rotor, vanes and key; valve seat, valve, valve spring; mufflers, muffler housing; o-rings; retaining rings; valve stem assembly; bearings; shims.



3 x 4 inch OS's

AVA0312 All the parts needed to bring your sander back to peak performance. Kit includes rotor, vanes and key; valve seat, valve, valve spring; mufflers, muffler housing; o-rings; retaining rings; valve stem assembly; bearings; shims; pad support assemblies.



3 x 5 inch OS's & 3 x 7 inch OS's

AVA0631 All the parts needed to bring your sander back to peak performance. Kit includes rotor, vanes and key; valve seat, valve, valve spring; mufflers, muffler housing; o-rings; retaining rings; valve stem assembly; bearings; shims; pad support assemblies.



3 2/3 x 7 inch OS's

AVA0305 All the parts needed to bring your sander back to peak performance. Kit includes rotor, vanes and key; valve seat, valve, valve spring; mufflers, muffler housing; o-rings; retaining rings; valve stem assembly; bearings; shims; pad support assemblies.



5 & 6 inch TwoHAND™ ROS

AVB0424 All the parts needed to bring your sander back to peak performance. Kit includes rotor, vanes and key; valve seat, valve, valve spring; mufflers, muffler housing; o-rings; retaining rings; valve stem assembly; bearings; shims.



3 inch TwoHAND™ Buffer/Sander

AVB0425 All the parts needed to bring your buffer/sander back to peak performance. Kit includes rotor, vanes and key; valve seat, valve, valve spring; mufflers, muffler housing; o-rings; retaining rings; valve stem assembly; bearings; shims.



5 & 6 inch TwoHAND™ Buffer/Sander

AVB0426 All the parts needed to bring your buffer/sander back to peak performance. Kit includes rotor, vanes and key; valve seat, valve, valve spring; mufflers, muffler housing; o-rings; retaining rings; valve stem assembly; bearings; shims.



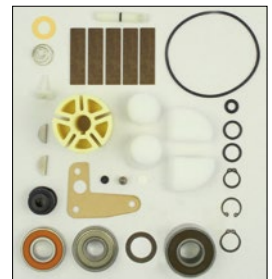
5 inch TwoHAND™ AutoSHIFT™

AVB0427 All the parts needed to bring your grinder/sander back to peak performance. Kit includes rotor, vanes and key; valve seat, valve, valve spring; mufflers, muffler housing; o-rings; retaining rings; valve stem assembly; bearings; shims.



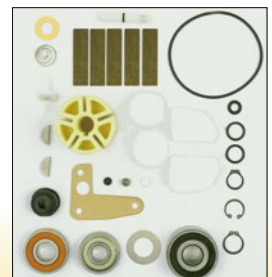
3 inch TwoHAND Random Orbital Buffer

AVB0514 All the parts needed to bring your buffer back to peak performance. Kit includes rotor, vanes and key; valve seat, valve, valve spring; mufflers, muffler housing; o-rings; retaining rings; valve stem assembly; bearings; shims.



5 inch TwoHAND Random Orbital Buffer

AVB0521 All the parts needed to bring your buffer back to peak performance. Kit includes rotor, vanes and key; valve seat, valve, valve spring; mufflers, muffler housing; o-rings; retaining rings; valve stem assembly; bearings; shims.

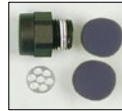


Spare Part Kits

Muffler for 8,000 RPM 1 1/4 in. (32 mm) ROS. AVA0728



Muffler for 10,000 RPM Orbital Sander. AVA0291



Muffler for 12,000 RPM ROS. AVA0292



Rotor, Vanes & Key Set For all machines. AVA0709



Speed Valve Set For all machines. AVA0711



Spindle Bearing Set For 3x4 and 3 inch LW Sanders. AVA0618



Spindle Bearing Set For 5 and 6 inch ROS Sanders. AVA0612



Spindle Bearing Set For 3x5, 3x7 and 3 1/2x7 Sanders. AVA0717



Spindle Bearing Set For Mini Orbital Sanders. AVA0713



Spindle Bearing Set For Buffer/Polisher/Rotary Sander. AVA0715



#2 Arbor Press

Cast frame with machined steel tooth arbor. Removable table has four positions with varying size cut-outs for different pressing operations. Includes T16 punch. **AVA0726**



Drop-in Motors

Drop-in Motor to bring your sander back to top performance quickly.

5" x 3/16" Orbit Small Bore	AVA1143
6" x 3/16" Orbit Small Bore	AVA1144
5" x 3/32" Orbit Small Bore	AVA1145
6" x 3/32" Orbit Small Bore	AVA1146
3" x 3/32" Orbit LW Small Bore	AVA1147
3" x 3/16" Orbit Small Bore	AVA2280
5" x 5/16" Orbit Small Bore	AVA2281
6" x 5/16" Orbit Small Bore	AVA2282
5" x 3/16" Orbit Large Bore	AVA2247
6" x 3/16" Orbit Large Bore	AVA2248
5" x 3/32" Orbit Large Bore	AVA2249
6" x 3/32" Orbit Large Bore	AVA2250
3" x 3/32" Orbit LW Large Bore	AVA2251
3" x 3/16" Orbit Large Bore	AVA2274
5" x 5/16" Orbit Large Bore	AVA2275
6" x 5/16" Orbit Large Bore	AVA2276
TwoHAND 5" x 3/32" Orbit	AVA2260
TwoHAND 5" x 3/16" Orbit	AVA2261
TwoHAND 5" x 3/8" Orbit	AVA2262
TwoHAND 6" x 3/32" Orbit	AVA2263
TwoHAND 6" x 3/16" Orbit	AVA2264
TwoHAND 6" x 3/8" Orbit	AVA2265



(NOTE: large bore-composite housing; small bore-aluminum housing)

Service Tool Kits

Universal Service Tool Kit

AVA0486-Contains the following tools to service most AirVANTAGE sanders: T1A; T1B; T6; T7; T8; T9 and T13.



Service Tool Kit for all sanders AVA0927-

Contains the following tools to service all AirVANTAGE sanders: T1A; T1B; T2A; T2B; T3A; T3B; T4A; T4B; T5A; T5B; T6; T7; T8; T9; T10A; T10B; T11; T12; T13; 13, 17 & 24mm wrenches; bearing separator and small and large allen wrenches.



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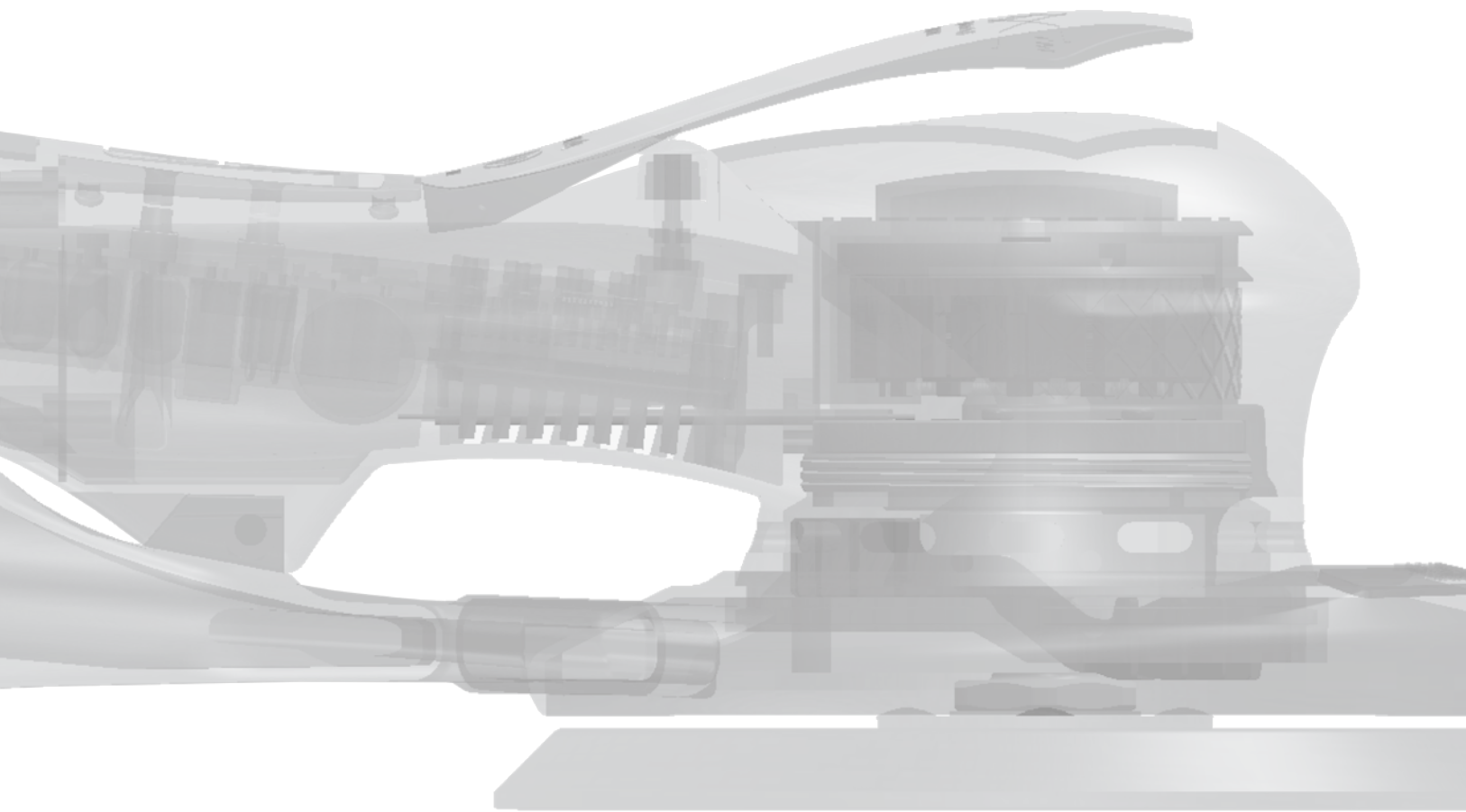
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Service Tools

In the event that an AirVANTAGE™ needs service, we offer a complete range of tools designed to make the disassembly and assembly simple fast and easy.

The AirVANTAGE™ Warranty

All AirVANTAGE™ Random Orbital Sanders are Warranted for defects in materials or workmanship for 1 year following the date of delivery to the user. Combined with the AirVANTAGE™ name, this Warranty expresses our total confidence in the superior quality, durability and performance of the AirVANTAGE™ LP.



www.airvantagetools.com