

## 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](http://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.

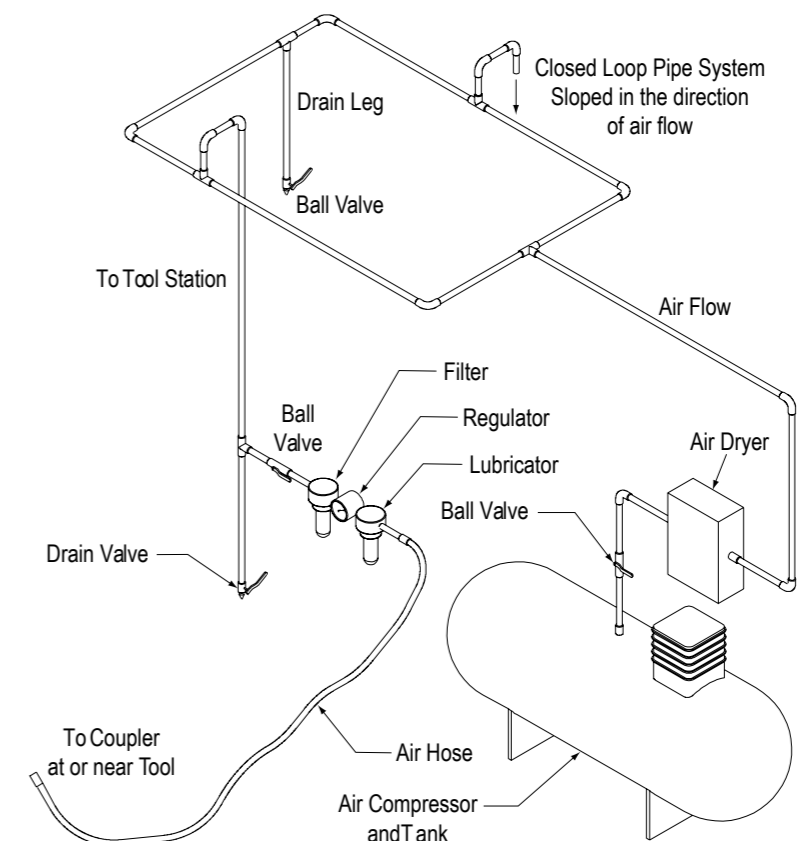
Take care to avoid entanglement with the moving parts of the tool with clothing, ties, hair, cleaning rags, etc. If entangled, it will cause the body to be pulled towards the work and moving parts of the machine and can be very dangerous.

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



### Inline Push-to-Start Air Screwdrivers

- Various models with torque ranges from 0.43 - 82.46 in-lb.
- Automatic shut-off precision clutch.
- Forward / Reverse Switch.
- Torque nut cover prevents operator tampering.
- Aluminum body with ergonomic soft grip.



**001095 (001091-001097)**  
Inline Push-to-Start Air Screwdriver



**001101 (001098-001101)**  
Inline Push-to-Start Air Screwdriver

#### Inline Push-to-Start Air Screwdrivers Table of Specifications

Additional Specifications : Air Inlet Thread is 1/4 in. NPT.  
\* Air Flow / Consumption Specifications are @ 90 psig (6.2 bar)

Model Number	Torque Range Nm (in - lb.)	Free Speed (RPM)	Length Inch (mm)	Dia. Inch (mm)	Product Net Weight Pound (kg)	Air Consumption SCFM (LPM)	Air Hose I.D. Inch (mm)	Fastening Capacity	
								Machine Screw Dia.	Tapping Screw Dia.
001091	0.05 - 0.20 (0.43 - 1.74)	1,000	7.87 (200)	1.61 (41)	1.06 (0.48)	7.1	3/8 (10)	M1.0-2.2	M1.0-1.7
001092	0.10 - 0.78 (0.87 - 6.94)	1,000	7.87 (200)	1.61 (41)	1.06 (0.48)	9.8	3/8 (10)	M1.7-3.3	M1.3-2.7
001093	0.29 - 1.67 (2.60 - 14.76)	1,800	7.87 (200)	1.61 (41)	1.06 (0.48)	7.1	3/8 (10)	M2.2-4.2	M1.7-3.2
001094	0.29 - 1.96 (2.60 - 17.36)	2,200	7.87 (200)	1.61 (41)	1.06 (0.48)	9.8	3/8 (10)	M2.2-4.5	M1.7-3.5
001095	0.29 - 2.45 (2.60 - 21.70)	1,800	7.87 (200)	1.61 (41)	1.06 (0.48)	9.8	3/8 (10)	M2.2-4.7	M1.7-3.8
001096	0.49 - 2.94 (4.34 - 26.04)	1,000	7.87 (200)	1.61 (41)	1.06 (0.48)	9.8	3/8 (10)	M2.8-5.0	M2.2-4.0
001097	0.78 - 3.92 (6.94 - 34.72)	800	7.87 (200)	1.61 (41)	1.06 (0.48)	10.6	3/8 (10)	M3.3-5.7	M2.7-4.4
001098	0.49 - 4.41 (4.34 - 39.06)	1,700	9.25 (235)	1.89 (48)	1.74 (0.79)	19.5	3/8 (10)	M2.8-5.8	M2.2-4.7
001099	0.69 - 4.90 (6.08 - 43.40)	1,400	9.25 (235)	1.89 (48)	1.74 (0.79)	10.6	3/8 (10)	M2.9-6.0	M2.6-4.9
001100	0.69 - 6.37 (6.08 - 56.42)	1,000	9.25 (235)	1.89 (48)	1.74 (0.79)	10.6	3/8 (10)	M2.9-6.4	M2.6-5.4
001101	1.47 - 9.31 (13.02 - 82.46)	550	9.25 (235)	1.89 (48)	1.74 (0.79)	10.6	3/8 (10)	M4.1-7.0	M3.1-6.0

#### Selection Guide ( 4.8 )

Screw Size ( Grade 4.8 )	M1.6	M2	M2.5	M3	M4	M5	M6
Recommended Torque Nm (in - lb.)	0.09 (0.8)	0.2 (1.8)	0.4 (3.5)	1.0 (8.8)	1.4 (12.4)	2.9 (25.7)	4.9 (43.4)

#### Selection Guide ( 8.8 )

Screw Size ( Grade 8.8 )	M1.6	M2	M2.5	M3	M3.5	M4	M4.5	M5	M6
Recommended Torque Nm (in - lb.)	0.2 (1.8)	0.4 (3.5)	0.7 (6.2)	1.2 (10.6)	1.9 (16.8)	2.9 (25.7)	4.3 (38.1)	5.7 (50.4)	9.8 (86.7)

#### Selection Guide (Sheet Metal Screw - ST)

Screw Size ( Sheet Metal Screw - ST )	ST2.2	ST2.9	ST3.5	ST4.2	ST4.8	ST5.5	ST6.3
Recommended Torque Nm (in - lb.)	0.3 (2.7)	1.0 (8.8)	1.8 (15.9)	2.9 (25.7)	4.2 (37.2)	6.7 (59.3)	9.1 (80.5)

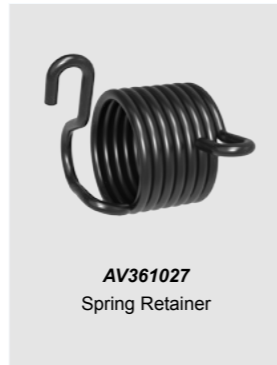
Model No.	Torque Range Nm (in - lb.)	RPM	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10
001091	0.05 - 0.20 (0.43 - 1.74)	1,000	■									
001092	0.10 - 0.78 (0.87 - 6.94)	1,000	■	■								
001093	0.29 - 1.67 (2.60 - 14.76)	1,800	■	■	■							
001094	0.29 - 1.96 (2.60 - 17.36)	2,200	■	■	■	■						
001095	0.29 - 2.45 (2.60 - 21.70)	1,800	■	■	■	■						
001096	0.49 - 2.94 (4.34 - 26.04)	1,000	■	■	■	■	■					
001097	0.78 - 3.92 (6.94 - 34.72)	800	■	■	■	■	■	■				
001098	0.49 - 4.41 (4.34 - 39.06)	1,700	■	■	■	■	■	■	■			
001099	0.69 - 4.90 (6.08 - 43.40)	1,400	■	■	■	■	■	■	■	■		
001100	0.69 - 6.37 (6.08 - 56.42)	1,000	■	■	■	■	■	■	■	■	■	
001101	1.47 - 9.31 (13.02 - 82.46)	550	■	■	■	■	■	■	■	■	■	■

**Air Hammers**

- Ergonomic design with rubber protective handle.
- Ideal for cutting through rusted metal or bolts removing mortar from concrete block or bricks.
- Variable Speed Trigger allows user to apply needed amount of power.
- Round shank type. • Tools come with four chisels.



**001151**  
Air Hammer, Short Barrel



**AV361027**  
Spring Retainer



**AV361027Q**  
Quick Change Retainer



**AV36105506 7" Chisel set**  
Accessories included : Tapered Punch, Flat Chisel,  
Spot weld breaker and Single Blade Panel Cutter.

**001153**  
Air Hammer, Short Barrel

**Air Hammers Table of Specifications**

Additional Specifications : Air Inlet Thread is 1/4 in. NPT.  
\* Air Flow / Consumption Specifications are @ 90 psig (6.2 bar)

Model Number	Style	Retainer Style	Blows Per Minute	Shank Opening Inch (mm)	Bore Diameter Inch (mm)	Stroke Length Inch (mm)	Height Inch (mm)	Length Inch (mm)	Product Net Weight Pound (kg)	Air Consumption SCFM (LPM)	Air Hose I.D. Inch (mm)
001151	Short Barrel	Spring Retainer	3,000	0.401 (10.18)	3/4 (19)	2 5/16 (58)	6.85 (174)	6.80 (173)	3.74 (1.70)	22 (623)	3/8 (10)
001152	Long Barrel	Spring Retainer	2,100	0.401 (10.18)	3/4 (19)	3 (76)	6.85 (174)	8.23 (209)	4.49 (2.04)	22 (623)	3/8 (10)
001153	Short Barrel	Quick Change	3,000	0.401 (10.18)	3/4 (19)	2 5/16 (58)	6.85 (174)	6.80 (173)	4.49 (2.04)	22 (623)	3/8 (10)
001154	Long Barrel	Quick Change	2,100	0.401 (10.18)	3/4 (19)	3 (76)	6.85 (174)	8.23 (209)	5.24 (2.38)	22 (623)	3/8 (10)

**Air Drills**

- Composite housing for lightweight.
- Handle exhaust allowing the air to flow away from the operator.
- For Reversible tools: One Hand Operation-Forward/Reverse Switch for quick and easy switching.
- Variable Speed Trigger allows user to apply needed amount of power.
- Keyed-Chuck.



**001169**  
3/8" Straight Air Drill



**001161**  
3/8" Reversible Keyed-Chuck Air Drill

**Air Straight Drills Table of Specifications**

Additional Specifications : Air Inlet Thread is 1/4 in. NPT.  
\* Air Flow / Consumption Specifications are @ 90 psig (6.2 bar)

Model Number	Free Speed (RPM)	Chuck Capacity Inch (mm)	Height Inch (mm)	Length Inch (mm)	Product Net Weight Pound (kg)	Air Consumption SCFM (LPM)	Air Hose I.D. Inch (mm)
001169	2,500	3/8 (10)	2.48 (63)	8.70 (221)	1.76 (0.8)	29 (821)	3/8 (10)
001170	4,000	3/8 (10)	2.30 (59)	8.70 (221)	1.76 (0.8)	29 (821)	3/8 (10)

**Air Pistol Drills Table of Specifications**

Additional Specifications : Air Inlet Thread is 1/4 in. NPT.  
\* Air Flow / Consumption Specifications are @ 90 psig (6.2 bar)

Type	Model Number	Free Speed (RPM)	Chuck Capacity Inch (mm)	Height Inch (mm)	Length Inch (mm)	Product Net Weight Pound (kg)	Air Consumption SCFM (LPM)	Air Hose I.D. Inch (mm)
Reversible	001161	2,100	3/8 (10)	6.50 (165)	7.60 (193)	2.11 (0.96)	29 (821)	3/8 (10)
	001162	3,200	3/8 (10)	6.50 (165)	7.60 (193)	2.20 (1.00)	29 (821)	
	001163	800	1/2 (13)	6.50 (165)	8.39 (213)	2.86 (1.30)	29 (821)	
	001164	550	1/2 (13)	6.50 (165)	8.82 (224)	3.08 (1.40)	29 (821)	
Non Reversible	001165	2,800	3/8 (10)	6.50 (165)	7.60 (193)	2.07 (0.94)	29 (821)	
	001166	4,000	3/8 (10)	6.50 (165)	7.60 (193)	2.07 (0.94)	29 (821)	
	001167	1,000	1/2 (13)	6.50 (165)	8.31 (211)	2.68 (1.22)	29 (821)	
	001168	650	1/2 (13)	6.50 (165)	8.70 (221)	2.86 (1.30)	29 (821)	



**Air Die Grinders**

- Composite housing for lightweight.
- Paddle trigger with safety.
- Lightweight ergonomic design for operator comfort.
- 360° Rotational exhaust sleeve.
- Rear exhaust.



**001181**  
1/4" Collet, Straight Air Die Grinder



**001182**  
1/4" Collet, 5" Extended Air Die Grinder

**Air Die Grinder Table of Specifications**

Additional Specifications : Air Inlet Thread is 1/4 in. NPT.  
\* Air Flow / Consumption Specifications are @ 90 psig (6.2 bar)

Model Number	Free Speed (RPM)	Collet Size Inch (mm)	Height Inch (mm)	Length Inch (mm)	Product Net Weight Pound (kg)	Air Consumption SCFM (LPM)	Air Hose I.D. Inch (mm)
<b>001181</b>	22,000	1/4 (6.35)	2.87 (73)	6.61 (168)	1.10 (0.50)	29 (821)	3/8 (10)

**Air Extended Die Grinders Table of Specifications**

Additional Specifications : Air Inlet Thread is 1/4 in. NPT.  
\* Air Flow / Consumption Specifications are @ 90 psig (6.2 bar)

Model Number	Free Speed (RPM)	Collet Size Inch (mm)	Height Inch (mm)	Length Inch (mm)	Product Net Weight Pound (kg)	Air Consumption SCFM (LPM)	Air Hose I.D. Inch (mm)
<b>001182</b>	20,000	1/4 (6.35)	2.83 (72)	10.20 (259)	1.76 (0.80)	29 (821)	3/8 (10)
<b>001183</b>	20,000	1/4 (6.35)	2.76 (70)	13.39 (340)	2.31 (1.05)	29 (821)	3/8 (10)
<b>001184</b>	20,000	1/4 (6.35)	2.76 (70)	17.33 (440)	2.86 (1.30)	29 (821)	3/8 (10)

**Air Angle Die Grinders**

- Composite housing for lightweight.
- Lightweight ergonomic design for operator comfort.
- Paddle trigger with safety.
- 360° Rotational exhaust sleeve.
- Rear exhaust.



**001185**  
Air Angle Die Grinder



**001186**  
120 Degree Air Angle Die Grinder

**Air Angle Die Grinder Table of Specifications**

Additional Specifications : Air Inlet Thread is 1/4 in. NPT.  
\* Air Flow / Consumption Specifications are @ 90 psig (6.2 bar)

Model Number	Free Speed (RPM)	Collet Size Inch (mm)	Height Inch (mm)	Length Inch (mm)	Product Net Weight Pound (kg)	Air Consumption SCFM (LPM)	Air Hose I.D. Inch (mm)
<b>001185</b>	18,000	1/4 (6.35)	3.03 (77)	6.70 (170)	1.32 (0.60)	29 (821)	3/8 (10)

**120 Degree Air Angle Die Grinder Table of Specifications**

Additional Specifications : Air Inlet Thread is 1/4 in. NPT.  
\* Air Flow / Consumption Specifications are @ 90 psig (6.2 bar)

Model Number	Free Speed (RPM)	Collet Size Inch (mm)	Height Inch (mm)	Length Inch (mm)	Product Net Weight Pound (kg)	Air Consumption SCFM (LPM)	Air Hose I.D. Inch (mm)
<b>001186</b>	18,000	1/4 (6.35)	3.23 (82)	7.87 (200)	1.32 (0.60)	29 (821)	3/8 (10)

Air Die Grinders

Air Angle Die Grinders

**Air Ratchet Wrenchs**

- Composite housing for lightweight.
- Lightweight ergonomic design for operator comfort.
- Forward / reverse knob on the ratchet head.
- 360° Rotational exhaust sleeve.
- Rear exhaust.



**001196**  
3/8 in. Air Ratchet Wrench

**Air Ratchet Wrenchs Table of Specifications**

Additional Specifications : Air Inlet Thread is 1/4 in. NPT.  
\* Air Flow / Consumption Specifications are @ 90 psig (6.2 bar)

Model Number	Free Speed (RPM)	Square Drive Inch (mm)	Maximum Torque ft-lb	Height Inch (mm)	Length Inch (mm)	Product Net Weight Pound (kg)	Air Consumption SCFM (LPM)	Air Hose I.D. Inch (mm)
001196	200	3/8 (10)	60	2.48 (63)	9.5 (241)	2.48 (1.13)	29 (821)	3/8 (10)
001197	200	1/2 (13)	60	2.48 (63)	9.5 (241)	2.52 (1.14)	29 (821)	3/8 (10)

**Air Impact Wrenchs**

- Ergonomic design for operator comfort.
- Forward / Reverse Switch for quick and easy switching.
- High Torque helps to break free fasteners that are stubborn or stuck.
- Twin-Hammer.
- Adjustable speed.



**001216**  
1/2 in. Air Impact Wrench

**001217**  
3/4 in. Air Impact Wrench



**001220**  
1/2 in. Mini Air Impact Wrench

**Air Impact Wrenchs Table of Specifications**

Additional Specifications : Air Inlet Thread is 1/4 in. NPT.  
\* Air Flow / Consumption Specifications are @ 90 psig (6.2 bar)

Model Number	Free Speed (RPM)	Square Drive Inch (mm)	Maximum Torque ft-lb	Working Torque ft-lb	Height Inch (mm)	Length Inch (mm)	Product Net Weight Pound (kg)	Air Consumption SCFM (LPM)	Air Hose I.D. Inch (mm)
001216	8,500	1/2 (13)	600	450	7.24 (184)	7.80 (198)	4.72 (2.15)	33 (935)	3/8 (10)
001217	8,500	3/4 (19)	820	650	7.24 (184)	8.03 (204)	4.91 (2.23)	33 (935)	3/8 (10)
001220	10,000	1/2 (13)	550	450	7.20 (183)	4.69 (119)	3.30 (1.50)	32 (906)	3/8 (10)

Air Impact Wrenchs

Air Ratchet Wrenchs

**Air Metal Shears**

- Make straight and contour cuts in sheet metal with a minimum of edge distortion.
- Lightweight ergonomic design for operator comfort.
- 360° Rotational exhaust sleeve.
- Paddle trigger with safety.
- Replaceable blades.



**001201**  
Air Metal Shear



**001202**  
Air Metal Shear

**Air Metal Shears Table of Specifications**

Additional Specifications : Air Inlet Thread is 1/4 in. NPT.  
\* Air Flow / Consumption Specifications are @ 90 psig (6.2 bar)

Model Number	Free Speed (RPM)	Blade	Cutting Capacity	Height Inch (mm)	Length Inch (mm)	Product Net Weight Pound (kg)	Air Consumption SCFM (LPM)	Air Hose I.D. Inch (mm)
<b>001201</b>	2,800	3 pcs	Stainless steel : 1.0 mm Steel : 1.6 mm	3.24 (82)	9.76 (248)	2.20 (1.00)	29 (821)	3/8 (10)
<b>001202</b>	2,800	2 pcs	Stainless steel : 1.0 mm Steel : 1.6 mm	4.41 (112)	11.22 (285)	2.24 (1.02)	29 (821)	3/8 (10)

**Air Cut Off Tool**

- Ergonomic design for operator comfort.
- Wheel guard shields user from sparks and debris.
- 360° Rotational exhaust sleeve.
- Rear exhaust.
- Paddle trigger with safety.



**001206**  
3 in. Air Cut Off Tool  
Cutting Wheel not included with tool

**Air Cut Off Tool Table of Specifications**

Additional Specifications : Air Inlet Thread is 1/4 in. NPT.  
\* Air Flow / Consumption Specifications are @ 90 psig (6.2 bar)

Model Number	Free Speed (RPM)	Wheel Size Inch (mm)	Height Inch (mm)	Length Inch (mm)	Product Net Weight Pound (kg)	Air Consumption SCFM (LPM)	Air Hose I.D. Inch (mm)
<b>001206</b>	22,000	3 (76)	3.76 (95)	7.20 (183)	1.32 (0.6)	29 (821)	3/8 (10)

**Gear Driven Air Saw**

- Gear drive mechanism provides unmatched cutting power compared to traditional piston driven air saws.
- Ergonomic design for operator comfort.
- 360° Rotational exhaust sleeve.
- Rear exhaust.
- Paddle trigger with safety.



\*Includes 3 pcs blades – 6 in.x14T / 24T / 32T

**001221**  
Gear Driven Air Saw

**Gear Driven Air Saw Table of Specifications**

Additional Specifications : Air Inlet Thread is 1/4 in. NPT.  
\* Air Flow / Consumption Specifications are @ 90 psig (6.2 bar)

Model Number	Stroke Per Minute	Stroke Length Inch (mm)	Cutting Capacity (Steel)	Height Inch (mm)	Length Inch (mm)	Product Net Weight Pound (kg)	Air Consumption SCFM (LPM)	Air Hose I.D. Inch (mm)
<b>001221</b>	7,000	3/8 (10)	5.0 mm / 6 Gauge	3.46 (88)	11.6 (295)	2.29 (1.04)	29 (821)	3/8 (10)

Air Metal Shears

Air Cut Off Tool

Gear Driven Air Saw

**Air Belt Sanders**

- Composite housing for lightweight.
- Lightweight ergonomic design for operator comfort.
- Adjustable sanding arm allows for use in a versatile range of tight spaces.
- Powerful .65 horsepower motor is excellent for collision repair applications.
- Adjustable speed.



**001191**  
13 in. Air Belt Sander



**001192**  
18 in. Air Belt Sander

**Air Belt Sanders Table of Specifications**

Additional Specifications : Air Inlet Thread is 1/4 in. NPT.  
\* Air Flow / Consumption Specifications are @ 90 psig (6.2 bar)

Model Number	Belt Size Inch (mm)	Motor Speed (RPM)	Belt Speed SFPM (SMPM)	Motor hp (W)	Height Inch (mm)	Length Inch (mm)	Product Net Weight Pound (kg)	Air Consumption SCFM (LPM)
<b>001191</b>	1/2 x 13 (13 x 330)	17,000	4100 (1250)	0.65 (485)	3.0 (77.8)	12.6 (320)	1.91 (0.87)	24 (680)
<b>001192</b>	1/2 x 18 (13 x 457)	17,000	4100 (1250)	0.65 (485)	3.0 (77.8)	14.96 (380)	2.02 (0.92)	24 (680)

**Air Angle Orbital Sander**

- Composite housing for lightweight.
- Lightweight ergonomic design for operator comfort.
- Mini compact design allow get into tight confined space and hard to reach area.
- 360° Rotational exhaust sleeve.
- Paddle trigger with safety.
- Rear exhaust.



**001211**  
Air Angle Orbital Sander

**Air Angle Orbital Sander Table of Specifications**

Additional Specifications : Air Inlet Thread is 1/4 in. NPT.  
\* Air Flow / Consumption Specifications are @ 90 psig (6.2 bar)

Model Number	Free Speed (RPM)	PAD Dim. Inch (mm)	Orbit Inch (mm)	Height Inch (mm)	Length Inch (mm)	Product Net Weight Pound (kg)	Air Consumption SCFM (LPM)	Air Hose I.D. Inch (mm)
<b>001211</b>	7,500	1 3/16 (30)	1/8 (3.0)	3.14 (80)	6.77 (172)	1.32 (0.60)	29 (821)	3/8 (10)

Air Belt Sanders

Air Angle Orbital Sander



5 in. / 6 in.  
Random Orbital  
Sanders

5 in. / 6 in.  
Random Orbital  
Sanders

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

- Available in three orbits - 3/32 in. (2.5 mm), 3/16 in. (5 mm) and 5/16 in. (8 mm)
- CURVED THROTTLE LEVER that provides unparalleled durability with perfect ergonomics.
- ERGONOMIC GRIP that provides superior vibration absorption for reduced hand fatigue and improved feel of the machine.



**P051302**  
Non-Vacuum



**P061338**  
Central Vacuum



**P061271**  
Self-Generated Vacuum



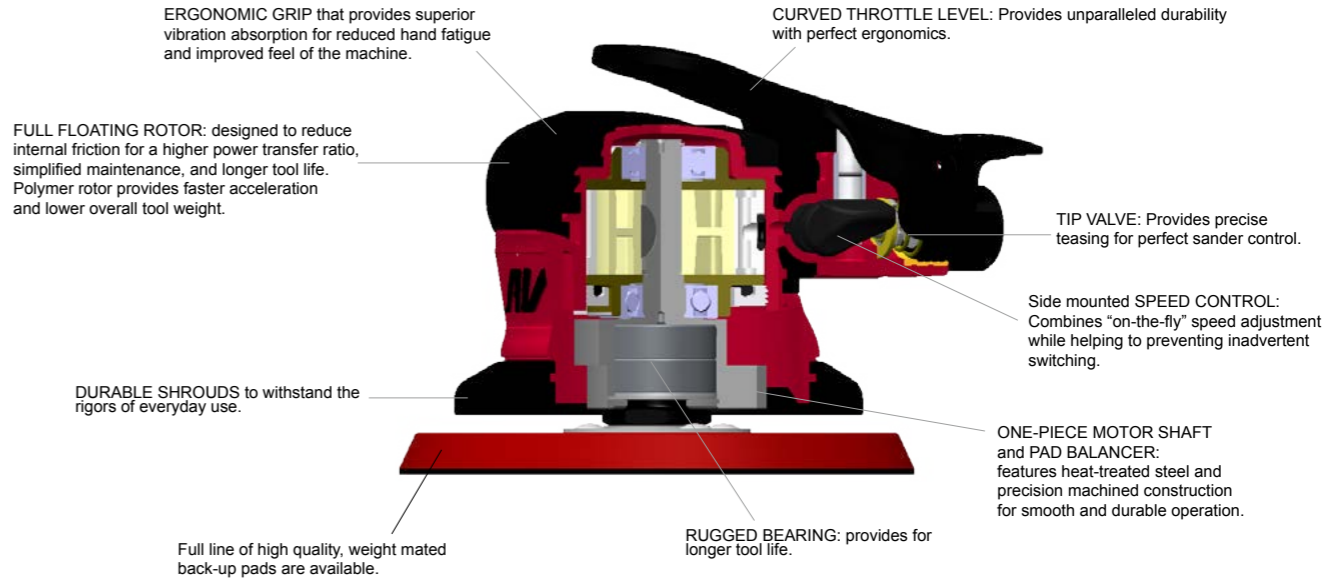
Available with  
Vacuum Collection Bag and Inserts  
for Self-Generated model

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

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)

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)		
				3/32 in. (2.5 mm) orbit	3/16 in. (5 mm) orbit	5/16 in. (8 mm) orbit	3/32 in. (2.5 mm) orbit	3/16 in. (5 mm) orbit	5/16 in. (8 mm) orbit	3/32 in. (2.5 mm) orbit	3/16 in. (5 mm) orbit	5/16 in. (8 mm) orbit
Non-Vacuum	0.28 (209)	5 (127) LP	17 (481)	1.72 (0.78)	1.77 (0.80)	1.81 (0.82)	4.07 (103.4)			6.27 (159.2)		
Central Vacuum	0.28 (209)	5 (127) LP	17 (481)	1.81 (0.82)	1.86 (0.84)	1.90 (0.86)	4.07 (103.4)			8.20 (208.4)		
Self-Gen Vacuum	0.28 (209)	5 (127) LP	17 (481)	1.81 (0.82)	1.86 (0.84)	1.90 (0.86)	4.07 (103.4)			9.13 (232.0)		
Non-Vacuum	0.28 (209)	6 (152) LP	17 (481)	1.80 (0.82)	1.85 (0.84)	1.91 (0.87)	4.07 (103.4)			6.77 (171.9)		
Central Vacuum	0.28 (209)	6 (152) LP	17 (481)	1.90 (0.87)	1.95 (0.89)	2.01 (0.92)	4.07 (103.4)			8.70 (221.1)		
Self-Gen Vacuum	0.28 (209)	6 (152) LP	17 (481)	1.90 (0.87)	1.95 (0.89)	2.01 (0.92)	4.07 (103.4)			9.63 (244.7)		

**Superior Handling Features Advanced Construction**



**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 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	Vacuum Type	PAD Type	PAD Part Number	3/32 in. (2.5 mm) orbit Model No.	3/16 in. (5 mm) orbit Model No.	5/16 in. (8 mm) orbit Model No.
Vinyl for PSA mounted abrasives	Non-Vacuum	5 in. (127 mm) Diameter Low Profile	0250000	P051200	P051300	P051400
		6 in. (152 mm) Diameter Low Profile	0260000	P061200	P061300	P061400
	Central Vacuum	5 in. (127 mm) Diameter Low Profile	0250010	P051234	P051334	P051434
		6 in. (152 mm) Diameter Low Profile	0260010	P061234	P061334	P061434
	Self-Gen Vacuum	5 in. (127 mm) Diameter Low Profile	0250010	P051267	P051367	P051467
		6 in. (152 mm) Diameter Low Profile	0260010	P061267	P061367	P061467
Hook for loop mounted abrasives	Non-Vacuum	5 in. (127 mm) Diameter Low Profile	0250001	P051202	P051302	P051402
		6 in. (152 mm) Diameter Low Profile	0260001	P061202	P061302	P061402
	Central Vacuum	5 in. (127 mm) Diameter Low Profile	0250011	P051236	P051336	P051436
		6 in. (152 mm) Diameter Low Profile	0260011	P061236	P061336	P061436
	Self-Gen Vacuum	5 in. (127 mm) Diameter LP screen abrasive	0250042	P051238	P051338	P051438
		6 in. (152 mm) Diameter LP screen abrasive	0260042	P061238	P061338	P061438
	Self-Gen Vacuum	5 in. (127 mm) Diameter Low Profile	0250011	P051269	P051369	P051469
		6 in. (152 mm) Diameter Low Profile	0260011	P061269	P061369	P061469
		5 in. (127 mm) Diameter LP screen abrasive	0250042	P051271	P051371	P051471
		6 in. (152 mm) Diameter LP screen abrasive	0260042	P061271	P061371	P061471