



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 as shown in Figure 1. 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 tools that pad will be mounted to.

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

Personal Safety Equipment

Use – Safety Glasses	Yes	Use – Breathing Masks	Yes
Use – Safety Gloves	Recommended	Use – Ear Protection	Yes
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”.

Putting the Tool into Service

Use a clean lubricated air supply that will give a measured air pressure at the tool of 90 psig (6.2 bar) maximum when the tool is running with the level fully depressed. It is recommended to use an approved 3/8 in. (10 mm) x 25 ft (8 m) maximum length airline. It is recommended that the tool be connected to the air supply as shown in Figure 1. Do not connect the tool to airline system without incorporating an easy to reach and operate air shut off valve. The air supply should be lubricated. It is strongly recommended that an air filter, regulator and lubricator (FRL) be used as shown in



Figure 1 as this will supply clean, lubricated air at the correct pressure to the tool. Details of such equipment can be obtained from your supplier.

If such equipment is not used then the tools should be lubricated by shutting off air supply to the tool, depressurizing the line by pressing the level on the tool. Disconnecting the airline and putting 2 to 3 drops of suitable pneumatic motor lubricating oil, preferably incorporating a rust inhibitor into the hose end (inlet) of the machine. Reconnect tool to air supply and run tool slowly for a few seconds to allow air to circulate the oil. If tool is used frequently lubricate on daily basis and if tool starts to slow or lose power.

It is recommended that the air pressure at the tool is 90 psig (6.2 bar) while the tool is running. The tool can run at lower pressures but never higher than 90 psig (6.2 bar).

Operating Instructions

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 pad.

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 air supply connected.

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, clean 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 precaution to protect any persons or objects from the loss of the abrasive or pad.

AVTM AirVANTAGE TOOLS

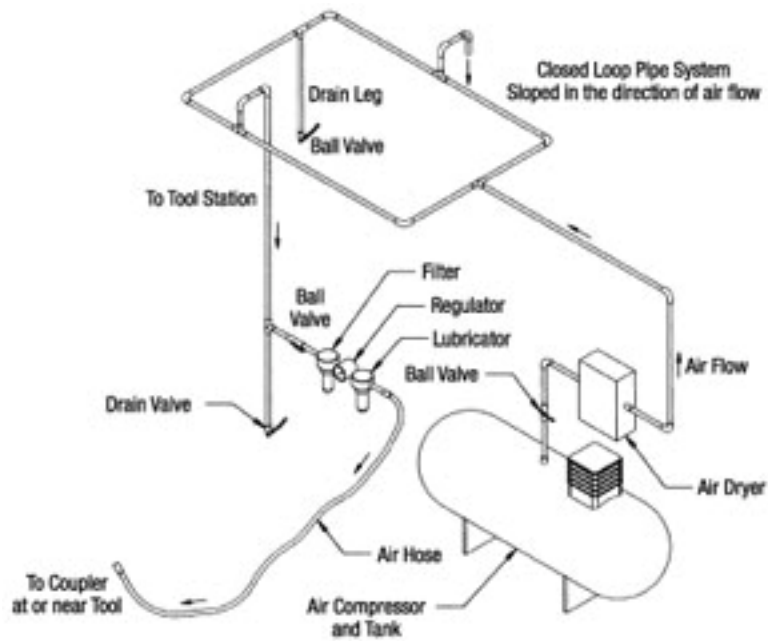


Figure 1