

Product Safety Information

Intended Use:

These Air Orbital Sanders are designed for smoothing and sanding paint, fiberglass, wood and body filler.

For additional information refer to Product Safety Information Manual Form 04584967.

Manuals can be downloaded from ingersollrandproducts.com

Product Specifications

Model	Free Speed	Pad Size		Sound Level dB (A) (ISO15744)		Vibration m/s ² (ISO28927)	
	rpm	inch	mm	† Pressure (L _p)	‡ Power (L _w)	Level	*K
312A	18000	3.5 X 6-1/3	88 X 165	86	97	7.7	1.5

† K_{PA} = 3dB measurement uncertainty

* K = Vibration measurement uncertainty

‡ K_{WA} = 3dB measurement uncertainty



WARNING

Sound and vibration values were measured in compliance with internationally recognized test standards. The exposure to the user in a specific tool application may vary from these results. Therefore, on site measurements should be used to determine the hazard level in that specific application.

Installation and Lubrication

Size air supply line to ensure tool's maximum operating pressure (P_{MAX}) at tool inlet. Drain condensate from valve(s) at low point(s) of piping, air filter and compressor tank daily. Install a properly sized Safety Air Fuse upstream of hose and use an anti-whip device across any hose coupling without internal shut-off, to prevent hose whipping if a hose fails or coupling disconnects. See drawing 16575516 and table on page 2. Maintenance frequency is shown in a circular arrow and defined as h=hours, d=days, and m=months of actual use. Items identified as:

- | | |
|---------------------------------------|----------------------------------|
| 1. Air filter | 6. Thread size |
| 2. Regulator | 7. Coupling and anti-whip device |
| 3. Lubricator (not if lube-free tool) | 8. Safety Air Fuse |
| 4. Emergency shut-off valve | 9. Oil (not if lube-free tool) |
| 5. Hose diameter | |

Parts and Maintenance

When the life of the tool has expired, it is recommended that the tool be disassembled, degreased and parts be separated by material so that they can be recycled.

Original instructions are in English. Other languages are a translation of the original instructions.

Tool repair and maintenance should only be carried out by an authorized Service Center.

Refer all communications to the nearest **Ingersoll Rand** Office or Distributor.