

Product Safety Information

Intended Use:

These Air Sanders are designed for both light and heavy sanding jobs such as roughing body filler, removing rust, and smoothing welds.

These Air Polishers/Buffers are designed for buffing and polishing paint, metal, and plastic surfaces to a high-gloss finish.

For additional information refer to Rotary Air Sander, Polisher and Buffers Product Safety Information Manual Form 04580387.

Manuals can be downloaded from ingersollrandproducts.com

Product Specifications

Model	Free Speed	Spindle and Pad Size	Sound Level dB (A) (ISO15744)		Vibration m/s ² (ISO28927)	
	rpm	inch/[metric]	† Pressure (L _p)	‡ Power (L _w)	Level	*K
313A	5000	5/8 - 11.7	88	99	<2.5	--
314A	2500	5/8 - 11.7	87	98	<2.5	--
314A-M	2500	[M14]	87	98	<2.5	--

† 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 16573784 and table on page 2. Maintenance frequency is shown in 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 |
| 3. Lubricator | 8. Safety Air Fuse |
| 4. Emergency shut-off valve | 9. Oil |
| 5. Hose diameter | 10. Grease - Remove Bearing Housing and lubricate Pinion and Pinion Gear |