



(Dwg. 16573180)

Models	①②③		⑤	⑥	⑨	⑨	⑩	⑩	⑩
	IR # - NPT	IR # - BS	inch (mm)	NPT	IR #	IR #	cm <sup>3</sup>	IR #	cm <sup>3</sup>
LA410, LA410-EU	C38341-810	C383D1-810	3/8 (10)	1/4	10	67	3	67	3
LA411-EU	C38341-810	C383D1-810	3/8 (10)	1/4	50	67	3	67	3
7804R, 7804-EU	C38341-810	C383D1-810	5/16 (8)	1/4	50	28	3	28	3
7807R, 7807R-EU	C38341-810	C383D1-810	3/8 (10)	1/4	50	67	3	67	3

## Product Safety Information

### Intended Use:

These Air Drills are designed for drilling, honing, reaming and hole sawing.

**For additional information refer to Product Safety Information Manual Form 04580353.**

Manuals can be downloaded from [ingersollrandproducts.com](http://ingersollrandproducts.com)

## Product Specifications

Models	Style	Free Speed	Chuck Capacity	Sound Level dB(A) (ISO 15744)		Vibration (m/s <sup>2</sup> ) (ISO28927)	
		rpm	inch (mm)	† Pressure (L <sub>v</sub> )	‡ Power (L <sub>v</sub> )	Level	*K
LA410, LA410-EU	Inline	4500	3/8 (10)	81.9	92.9	2.9	0.7
LA411-EU	Lever	1800	3/8 (10)	78.0	--	< 2.5	--
7804R, 7804R-EU	Angle	1200	3/8 (10)	88.4	99.4	< 2.5	--
7807R, 7807R-EU	Angle	1800	3/8 (10)	88.4	99.4	< 2.5	--

† K<sub>PA</sub> = 3dB measurement uncertainty

\* K = Vibration measurement uncertainty

‡ K<sub>WA</sub> = 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<sub>MAX</sub>) 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 16573180 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               | 7. Coupling                  |
| 2. Regulator                | 8. Safety Air Fuse           |
| 3. Lubricator               | 9. Oil                       |
| 4. Emergency shut-off valve | 10. Grease - during assembly |
| 5. Hose diameter            | 11. Grease - through fitting |
| 6. Thread size              |                              |

## 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.