Product Safety Information

Intended Use:
These Air Impact Wrenches are designed to remove and install threaded fasteners.

For additional information refer to Product Safety Information Manual Form 04580916.
Manuals can be downloaded from ingersollrandproducts.com.

Product Specifications

Tools running at 90 PSI Air Pressure									
Models	Style	Drive		Impacts per Min.	Recommended Torque Range	Sound Level dB(A) (EN ISO 15744)		Vibration (m/s^2) (EN ISO 28927-2)	
		Type	Size		ft-lbs (Nm)	† Pressure (L_p)	‡ Power (L_w)	Level	*K
285B	Inside Trigger	Square	1″	700	100-900 (136-1220)	103.4	114.4	8.0	1.2
285B-6	Inside Trigger	Square 6″ extended	1″	700	100-900 (136-1220)	103.4	114.4	9.0	2.7
285B-S6	Inside Trigger	Spline 6″ extended	#5	700	100-900 (136-1220)	103.4	114.4	9.0	2.7
285B-6-AP	Outside Trigger	Square 6″ extended	1″	700	100-900 (136-1220)	103.4	114.4	9.0	2.7
295A	Pistol Grip	Square	1″	700	100-900 (136-1220)	101.1	112.1	8.6	1.0
295A-6	Pistol Grip	Square 6″ extended	1″	700	100-900 (136-1220)	101.1	112.1	9.1	2.9

Tools running at 120 PSI Air Pressure									
Models	Style	Drive		Impacts per min.	Recommended Torque Range	Sound Level dB(A) (EN ISO 15744)		Vibration (m/s^2) (EN ISO 28927-2)	
		Type	Size		ft-lbs (Nm)	† Pressure (L_p)	‡ Power (L_w)	Level	*K
285B	Inside Trigger	Square	1″	830	120-1080 (163-1464)	107.0	118.0	16.5	3.4
285B-6	Inside Trigger	Square 6″ Extended	1″	830	120-1080 (163-1464)	107.0	118.0	13.3	2.1
285B-S6	Inside Trigger	Spline 6″ Extended	#5	830	120-1080 (163-1464)	107.0	118.0	13.3	2.1
285B-6-AP	Outside Trigger	Square 6″ Extended	1″	830	120-1080 (163-1464)	106.2	117.2	13.3	2.1
295A	Pistol Grip	Square	1″	830	120-1080 (163-1464)	102.5	113.5	12.7	2.5
295A-6	Pistol Grip	Square 6″ Extended	1″	830	120-1080 (163-1464)	102.5	113.5	12.3	3.8

† K_{pA} = 3dB measurement uncertainty
‡ K_{wA} = 3dB measurement uncertainty
* K = measurement uncertainty (Vibration)

⚠ 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 (PMAX) 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 47132790 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
2. Regulator
3. Lubricator
4. Emergency shut-off valve
5. Hose diameter
6. Thread size
7. Coupling
8. Safety Air Fuse
9. Oil
10. Grease - during assembly

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.