

PLEASE READ AND FOLLOW ALL WARNINGS

Read Operating Instructions

Always become familiar with all the instructions and warnings before operating any power tool.



Avoid Prolonged Exposure to Vibration

Tools can vibrate during use. Prolonged exposure to vibration or very repetitive hand and arm movements, can cause injury. Stop using any tool if discomfort, tingling feeling or pain occurs. You should consult your physician before resuming use of the tool.

90 PSIG Maximum

This tool is designed to operate at an air pressure of 90 pounds per square inch gauge pressure (90 PSIG) maximum, at the tool. Use of higher air pressure can, and may cause injury. Also, the use of higher air pressure places the internal components under loads and stresses they were not designed for, causing premature failure. The air supply should be clean and dry, preferably lubricated. For best results, drain the moisture from your compressor daily.



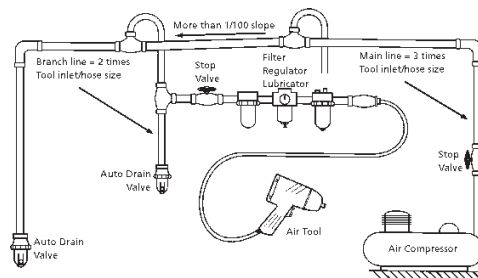
Always Wear Approved Eye Protection

Impact resistant eye protection should meet or exceed the standards as set forth in the United States ANSI Z87.1, Occupational and Educational Eye and Face Protection. Look for the marking Z87.1 on your eye protection to insure that it is an approved style. For further information, ANSI Z87.1, Occupational and Educational Eye and Face Protection, is available from the American National Standards Institute, Inc., 11 West 42nd Street, New York, NY 10036.



Hearing Protection is Recommended

Hearing protection should be used when the noise level exposure equals or exceeds an 8 hour time-weighted average sound level of 85 dBA. Process noise, reflective surfaces, other tools being operated nearby, all add to the noise level present in your work area. If you are unable to determine your noise level exposure, we recommend the use of hearing protection.



- 45 ft/lbs Torque
- Precision Machined Parts
- Full Bearing Construction
- Low Air Consumption



Safety Instructions

The following instructions are furnished as general guidelines for use of your pneumatic tool. They cannot comprehensively cover all possible or conceivable uses of the subject tool. For additional information on the safe use of air tools, we advise you to obtain a copy of ANSI B186.1 Safety Code for Portable Air Tools, available from the following source:

American National Standards Institute, Inc.
11 West 42nd Street
New York, NY 10036.

The use of the word "shall" in the following instructions, indicates that adherence to the particular requirement is necessary to conform to ANSI B186.1.

Tool Application and Usage

Portable tools shall be used only for the purposes intended in their design and within the capacity for which they were intended and rated. It shall be the tool owner's and/or employer's responsibility to instruct each operator in the safe use of the tool. Tools shall not be used without guards and safety devices as furnished by the manufacturer. Where an air tool is modified or altered, the modifier shall provide the safeguards to enable it to be safely used in the operations intended and to comply with any applicable provisions as contained in ANSI B186.1.

Tool Installation

Pressure regulators shall be used to limit air pressure to the rated pressure where the supply pressure exceeds the tool's rated pressure. Air hoses and lines shall be relieved of compressed air before being disconnected or disjointed, unless there is automatic valve closing protection at the joint being separated. Synthetic lubricants which can cause deterioration of elastomer seals shall not be used in air systems of air tools.

Tool Maintenance

It shall be the tool owner's and/or employer's responsibility to assure that tools are maintained in a safe operating condition. Tool maintenance and repair shall be performed by authorized, trained, competent personnel. Tools shall be disconnected from their compressed air supply before repairs are attempted. Repairs shall be consistent with the manufacturer's recommended procedures. Tool, hoses and fittings shall be replaced if unsuitable for safe operation. It shall be the tool owner's and/or employer's responsibility to keep required rating markings and warnings on the tool in legible condition.

Specifications

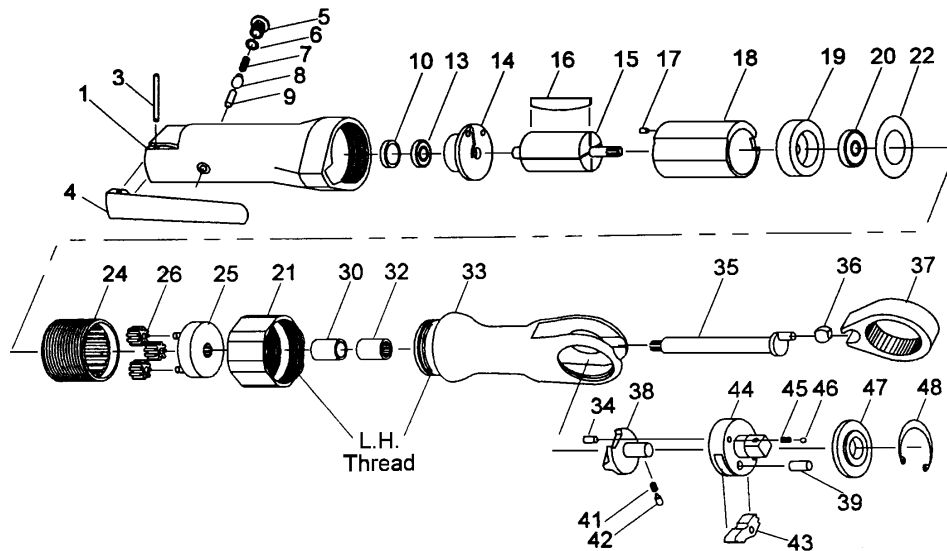
Drive size.....	1/2"
Free speed.....	160 RPM
Maximum torque.....	45 ft./lbs.
Weight.....	2 1/2 lbs.
Overall length.....	10"
Avg. air consumption.....	4 CFM
Recommended hose size.....	3/8" I.D.
Air inlet.....	1/4" NPT
Maximum operating pressure.....	90 PSI

Ref.

No.	Description	Part No.
1	Motor Housing	8732443G
3	Lever Pin	8729167G
4	Throttle Lever	8732151G
5	Valve Screw	8729173G
6	O-Ring	81008680G
7	Spring	8729163G
8•	Valve Ball	81015215G
9	Plunger	8729164G
10	Bearing Cap	8729178G
13	Ball Bearing	8729012G
14	Rear End Plate	8729181G
15	Rotor	8731034G
16•	Rotor Blade (4)	8729185G
17	Dowel Pin	8729182G
18	Cylinder	8729183G
19	Front End Plate	8729187G
20	Ball Bearing	8729188G
21	Clamp Nut	8729199G
22	Washer	8729201G
24	Internal Gear	8731036G

Ref.

No.	Description	Part No.
25	Idler Gear Plate	8732446G
26	Idler Gear (3)	8731038G
30	Bushing	8731039G
32	Needle Bearing	8729186G
33	Ratchet Housing	8731040G
34	Dowel Pin	8729197G
35	Crank Shaft	8731041G
36	Drive Bushing	8729177G
37	Yoke	8729200G
38	Reverse Button	8900388G
39	Pin	8731043G
41	Reverse Spring	8729168G
42	Lock Pin	8729190G
43	Ratchet Pawl	8729170G
44	Ratchet Anvil	8900387G
45	Spring (2)	8729175G
46	Steel Ball (2)	81004968G
47	Thrust Washer	8900389G
48	Retaining Ring	8729191G



Florida Pneumatic's Limited Warranty

Florida Pneumatic warrants their tools to be free from defects in material and workmanship for one year from the date of purchase. This warranty does not apply to tools which have been abused, misused, modified or repaired by someone other than Florida Pneumatic or their authorized service centers. If a Florida Pneumatic tool proves defective in material or workmanship within one year after purchase, return it to any authorized service center or Florida Pneumatic freight prepaid. Please enclose your name, address and adequate proof of purchase and a short description of the defect. Florida Pneumatic will, at their option, repair or replace defective tools, free of charge. Repairs or replacements are warranted as described above for the remainder of the original warranty period. Florida Pneumatic's sole liability and your exclusive remedy under this warranty is limited to repair or replacement of the defective tool. There are no other warranties expressed or implied and Florida Pneumatic shall not be liable for incidental, consequential or special damages, or any other damages, costs or expense of repair or replacement as described above.