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

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.

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.

WARNING:
Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or reproductive harm. Some examples of these chemicals are:
- Lead from lead-based paints
- Crystalline silica from bricks, cement and other masonry products
- Arsenic and chromium from chemically treated lumber
Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area and work with approved safety equipment such as those dust masks that are specially designed to filter out microscopic particles.

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 CAGI B186.1-2009 Safety Code for Portable Air Tools, available from the following source: COMPRESSED AIR AND GAS INSTITUTE 1300 Sumner Avenue Cleveland, OH 44115-2851 Ph: 216-241-7333 www.cagi.org OR from Florida Pneumatic Manufacturing Corp. 851 Jupiter Park Lane Jupiter, FL 33458 561-744-9500 www.florida-pneumatic.com

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.

Universal Tool model UT8825 1/4" Drill features precision control two step trigger. Spindle run out 0.0002" for accuracy, and internal handle silencing reduces noise level to 84 d(B)A, and a composite motor housing/handle.

Universal Tool
A Division of Florida Pneumatic Manufacturing Corporation
851 Jupiter Park Lane, Jupiter, Florida 33458
Toll Free 1-800-327-9403

Read these instructions carefully before attempting to install, operate or service this Florida Pneumatic product. Failure to comply with the instructions could result in personal injury and/or property damage!
Retain these instructions for future reference.
Universal Tool

1/4" DRILL

Specifications

Chuck Capacity.................................................................................. 1/4"
Free speed.......................................................................................... 2600 RPM
Gear Case Mechanism...................................................................... Double Reduction
HP........................................................................................................ 0.3
Length.............................................................................................. 5-13/16"
Weight............................................................................................. 1.3 lbs.
Height............................................................................................... 6.0"
Average air consumption................................................................. 3.5 CFM
Recommended hose size................................................................. 3/8" I.D.
Inlet size.......................................................................................... 1/4" NPT
Maximum operating pressure......................................................... 90 PSI

Limited Warranty

Universal Tool warrants its 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 Universal Tool or its authorized service centers. If a Universal Tool proves defective in material of workmanship within one year after purchase, return it to any authorized service center or to Universal Tool, freight prepaid. Please enclose your name, address and adequate proof of purchase date with a brief description of the defect. Universal Tool will, at its option, repair or replace defective tools, free of charge. Repairs or replacements are warranted as described above for the remainder of the warranty period. Universal Tool'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 Universal Tool shall not be liable for incidental, consequential or special damages, or any other damages, costs or expense of repair or replacement as described above.

Ref# Parts No. Description Q'ty
1 978-7284P01 Motor Housing 1
2 9PN02002208 Pin 1
3 978-728403 Air Inlet 1
4 978-728404 Trigger 1
5 978-728445 Valve Stem 1
6 978-728446 Valve Bushing 1
7 972807-12 O-Ring 1
8 962208 Valve Spring 1
9 9795820 O-Ring 2
10 978-728411 Motor Gasket 1
11 930117-22 Spring Pin 1
12 9052213 Ball Bearing 2
13 978-728414 Rear End Plate 1
14 972815 Motor 1
15 972816 Motor Blades 5
16 962220 Spring Pin 1
17 978-7281R18 Cylinder 1
18 978-7281R19 Front Ent Plate 1
19 9051220 Ball Bearing 1
20 90728121 Ball Bearing 1
21 978-728451 Decoration Ring 1
22 978-7282 Pin 2
23 978-7281R26 Cage 1
24 972827 Planet Gear 2
25 9072835 Needle Bearing 2
26 9728131 Internal Gear 1
27 9728132 Clamp Nut 1
28 972833 Washer 1
29 5925 1/4" Chuck w/Key 1
30 9OR01007105 O-Ring 1
31 978-728407 Exhaust Diffuser 1
32 978-728450 Damping Material 2