

# Operator's Manual



## **CP7830Q & CP7830HQ** **3/8" & 1/2" Ratchet Wrench**



### **⚠ WARNING**

*To reduce risk of injury, everyone using, installing, repairing, maintaining, changing accessories on, or working near this tool must read and understand these instructions before performing any such task.*

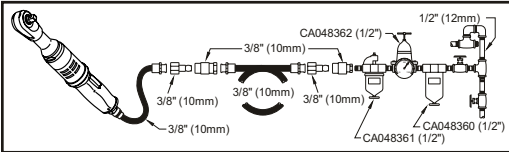
## INSTRUCTION MANUAL

### Machine Type:

This product is designed for installing and removing threaded fasteners in wood, metal and plastic. No other use permitted. For professional use only.

### Air Supply Requirements

1. Supply tool with 90 psig (6.2 bar) of clean, dry air. Higher pressure drastically reduces tool life.
2. Connect tool to air line using pipe, hose and fitting sizes shown in the diagram below.



### Lubrication

1. Use an air line lubricator with SAE #10 oil, adjusted to two (2) drops per minute. If an air line lubricator cannot be used, add air motor oil to the inlet once a day.
2. Monthly, lubricate the drive bushing and ratchet yoke with a good grade bearing grease. Periodically, depending upon use, the ratchet head assembly should be removed, cleaned and re-greased.

### Reducing sound level by rotation of exhaust deflector

The tool is packaged with the exhaust air slots aligned with the trigger and square drive. Rotating the exhaust deflector will further reduce noise levels, with the lowest noise levels at approximately 180° from the as-shipped position.

### Maintenance

1. Tool should be oiled on a daily basis for best performance. Every 3 to 6 months the tool's head should be greased using approved CP Gear Grease. If the tool loses performance over time, tool should be sent to a CP Certified Service Center to be checked and repaired as needed.
2. High wear parts are underlined in the parts list.
3. To keep downtime to a minimum, the following service kits are recommended:  
**Tune-Up Kit:** see part list 8940169404

### Technical Data

Free speed; 190 RPM

### Original Instructions

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### Noise & Vibration Declaration

Sound pressure level 85 dB(A), uncertainty 3 dB(A), in accordance with EN ISO 15744. For sound power, add 11 dB(A).

Vibration value:

4.1 m/s<sup>2</sup>, uncertainty k = 1.4 m/s<sup>2</sup>, re. ISO 28927-2.

### Declaration of noise and vibration emission

All values are current as of the date of this publication. For the latest information please visit cp.com.

These declared values were obtained by laboratory type testing in accordance with the stated standards and are suitable for comparison with the declared values of other tools tested in accordance with the same standards. These declared values are not adequate for use in risk assessments and values measured in individual work places may be higher. The actual exposure values and risk of harm experienced by an individual user are unique and depend upon the way the user works, the workpiece and the workstation design, as well upon the exposure time and the physical condition of the user. We, Chicago Pneumatic, cannot be held liable for the consequences of using the declared values, instead of values reflecting the actual exposure, in an individual risk assessment in a work place situation over which we have no control.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed. An EU guide to managing hand-arm vibration can be found at [www.pneurop.eu/uploads/documents/pdf/PN3-02-NV\\_Declaration\\_info\\_sheet\\_0111.pdf](http://www.pneurop.eu/uploads/documents/pdf/PN3-02-NV_Declaration_info_sheet_0111.pdf) We recommend a programme of health surveillance to detect early symptoms which may relate to noise or vibration exposure, so that management procedures can be modified to help prevent future impairment.

## MANUFACTURER'S LIMITED WARRANTY

Limited Warranty: The "Products" of the Chicago Pneumatic Tool Co. LLC ("CP") are warranted to be free from defects in material and workmanship for one year from the date of purchase. This Warranty applies only to Products purchased new from CP or its authorized dealers. Of course, this Warranty does not apply to products which have been abused, misused, modified, or repaired by someone other than CP or its Authorized Service Representatives. If a CP Product proves defective in material or workmanship within one year after purchase, return it to any CP Factory Service Center or Authorized Service Center for CP tools, transportation prepaid, enclosing your name and address, adequate proof of date of purchase, and a short description of the defect. CP will, at its option, repair or replace defective Products free of charge. Repairs or replacements are warranted as described above for the remainder of the original warranty period. CP's sole liability and your exclusive remedy under this Warranty is limited to repair or replacement of the defective Product. **(There Are No Other Warranties Expressed Or Implied And CP Shall Not Be Liable For Incidental, Consequential, Or Special Damages, Or Any Other Damages, Costs Or Expenses Excepting Only The Cost Or Expense Of Repair Or Replacement As Described Above.)**