Chicago Pneumatic

# Manual

Printed Matter No. 8940163475
Date: 2019-01 Issue No. 05

# Random Orbital Sander

Valid from Serial No. 00001 - 99999

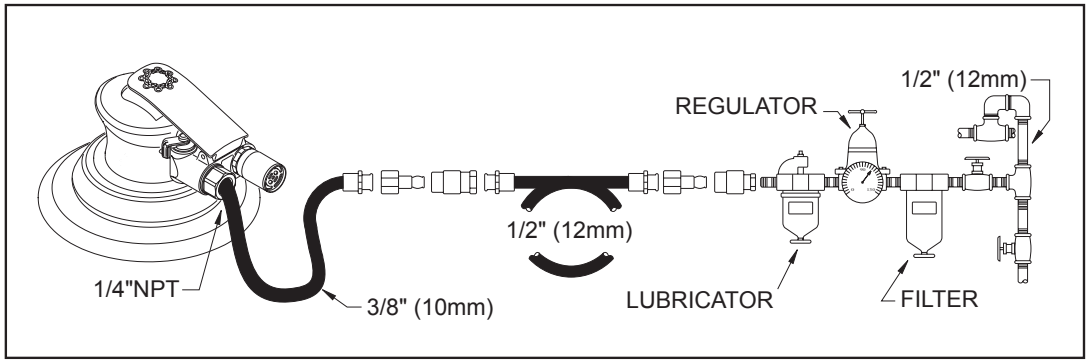
CP7215 SERIES
CP7225 SERIES
CP7255 SERIES

| | |
|---|---|
|  | ⚠ WARNING<br>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.<br>**DO NOT DISCARD - GIVE TO USER** |

| | CP7215 | CP7215E | CP7215CV | CP7215SV | CP7215SVE | CP7215CVE |
|---|---|---|---|---|---|---|
| Free speed (rpm) | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 |
| Power (hp) | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| Power (W) | 210 | 210 | 210 | 210 | 210 | 210 |
| Spindle thread | 5/16-24 | 5/16-24 | 5/16-24 | 5/16-24 | 5/16-24 | 5/16-24 |
| Actual air consumption (l/s) | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 |
| Actual air consumption (cfm) | 16 | 16 | 16 | 16 | 16 | 16 |
| Min. hose size (") | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 |
| Min. hose size (mm) | 10 | 10 | 10 | 10 | 10 | 10 |
| Weight (lb) | 1.74 | 1.74 | 1.83 | 1.84 | 1.84 | 1.83 |
| Weight (kg) | 0.79 | 0.79 | 0.83 | 0.82 | 0.82 | 0.83 |

| | CP7225 | CP7225CV | CP7225CVE-3 | CP7225CVE | CP7225E | CP7225SV | CP7225SVE |
|---|---|---|---|---|---|---|---|
| Free speed (rpm) | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 |
| Power (hp) | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| Power (W) | 210 | 210 | 210 | 210 | 210 | 210 | 210 |
| Spindle thread | 5/16-24 | 5/16-24 | 5/16-24 | 5/16-24 | 5/16-24 | 5/16-24 | 5/16-24 |
| Actual air consumption (l/s) | 7.6 | 7.6 | 7.8 | 7.6 | 7.6 | 7.6 | 7.6 |
| Actual air consumption (cfm) | 16 | 16 | 16.5 | 16 | 16 | 16 | 16 |
| Min. hose size (") | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 |
| Min. hose size (mm) | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Weight (lb) | 1.74 | 1.83 | 1.45 | 1.83 | 1.74 | 1.84 | 1.84 |
| Weight (kg) | 0.79 | 0.83 | 0.66 | 0.83 | 0.79 | 0.82 | 0.82 |

| | CP7255 | CP7255E | CP7255SV | CP7255SVE | CP7255CVE-3 | CP7255CVE |
|---|---|---|---|---|---|---|
| Free speed (rpm) | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 |
| Power (W) | 210 | 210 | 210 | 210 | 210 | 210 |
| Power (hp) | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| Spindle thread | 5/16-24 | 5/16-24 | 5/16-24 | 5/16-24 | 5/16-24 | 5/16-24 |
| Min. hose size (mm) | 10 | 10 | 10 | 10 | 10 | 10 |
| Min. hose size (") | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 |
| Actual air consumption (l/s) | 7.6 | 7.6 | 7.6 | 7.6 | 7.8 | 7.6 |
| Actual air consumption (cfm) | 16 | 16 | 16 | 16 | 16.5 | 16 |
| Weight (kg) | 0.79 | 0.79 | 0.82 | 0.82 | 0.66 | 0.83 |
| Weight (lb) | 1.74 | 1.74 | 1.84 | 1.84 | 1.45 | 1.83 |


1/2" (12mm)
REGULATOR
1/2" (12mm)
1/4"NPT
3/8" (10mm)
LUBRICATOR
FILTER

# Technical data

| | Free speed (rpm) | Weight (kg) | Weight (lb) |
|---|---|---|---|
| CP7215 | 12000 | 0.79 | 1.74 |
| CP7215E | 12000 | 0.79 | 1.74 |
| CP7215CV | 12000 | 0.83 | 1.83 |
| CP7215CVE | 12000 | 0.83 | 1.83 |
| CP7215SV | 12000 | 0.82 | 1.84 |
| CP7215SVE | 12000 | 0.82 | 1.84 |
| CP7225 | 12000 | 0.79 | 1.74 |
| CP7225E | 12000 | 0.79 | 1.74 |
| CP7225CV | 12000 | 0.83 | 1.83 |
| CP7225CVE | 12000 | 0.83 | 1.83 |
| CP7225SV | 12000 | 0.82 | 1.84 |
| CP7225SVE | 12000 | 0.82 | 1.84 |
| CP7255 | 12000 | 0.79 | 1.74 |
| CP7255E | 12000 | 0.79 | 1.74 |
| CP7255CV | 12000 | 0.83 | 1.83 |
| CP7255CVE | 12000 | 0.83 | 1.83 |
| CP7255SV | 12000 | 0.82 | 1.84 |
| CP7255SVE | 12000 | 0.82 | 1.84 |

## *Noise and vibration*

| | Sound pressure level (dB(A)) | Vibration ($m/s^2$) | Vibration uncertainty |
|---|---|---|---|
| CP7215 | 81 | 8.54 | 2.85 |
| CP7215E | 81 | 5.65 | 1.83 |
| CP7215CV | 81 | 8.54 | 2.85 |
| CP7215CVE | 81 | 5.65 | 1.83 |
| CP7215SV | 81 | 8.54 | 2.85 |
| CP7215SVE | 81 | 5.65 | 1.83 |
| CP7225 | 81 | 7.65 | 3.18 |
| CP7225E | 81 | 3.7 | 2.08 |
| CP7225CV | 81 | 7.65 | 3.18 |
| CP7225CVE | 81 | 3.7 | 2.08 |
| CP7225SV | 81 | 7.65 | 3.18 |
| CP7225SVE | 81 | 3.7 | 2.08 |
| CP7255 | 81 | 8.22 | 2.26 |
| CP7255E | 81 | 5.13 | 1.79 |
| CP7255CV | 81 | 8.22 | 2.26 |
| CP7255CVE | 81 | 5.13 | 1.79 |
| CP7255SV | 81 | 8.22 | 2.26 |
| CP7255SVE | 81 | 5.13 | 1.79 |

Uncertainty 3 dB(A), in accordance with EN ISO 15744. For Sound power level, add 11 dB(A)

Vibration standard : ISO-28927-3

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 Tool Co. LLC**, 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.

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.

ⓘ If this equipment is intended for fixtured applications: The noise emission is given as a guide to the machine-builder. Noise and vibration emission data for the complete machine should be given in the instruction manual for the machine.

## Statement of use

This product is designed for removing or polishing material using coated abrasives or polishing attachments. No other use permitted. For professional use only.

## Lubrication

Use an air line lubricator with SAE #10 oil, adjusted to two (2) drops per minute.

## Maintenance instructions

- **Follow local country environmental regulations for safe handling and disposal of all components.**
- Maintenance and repair work must be carried out by qualified personnel using only original spare parts. Contact the manufacturer or your nearest authorised dealer for advice on technical service or if you require spare parts.
- Always ensure that the machine is disconnected from energy source to avoid accidental operation.
- Disassemble and inspect the tool every three 3 months if the tool is used every day. Replace damaged or worn parts.
- To keep downtime to a minimum, the following service kit is recommended : **Tune-up kit**

## Disposal

- The disposal of this equipment must follow the legislation of the respective country.
- All damaged, badly worn or improperly functioning devices **MUST BE TAKEN OUT OF OPERATION.**
- The disposal of this equipment must follow the legislation of the respective country.
- Repair only by technical maintenance staff.