



Get 2 years of free warranty



PISTON COMPRESSOR

PCAP500WB42

IN GOOD HANDS
Original Instruction Manual

GB / SP / DE / PT





WHO ARE WE?

Peugeot Professional Tools was born from several obvious reasons.

The idea was to bring together the know-how of Peugeot, which has mastered the art of cutting since 1810, and the expertise of Tivoly, a metalworker since 1917, to create a wide range of machines and tools for construction and maintenance professionals.

It is also the clear desire to serve artisans and small businesses driven by strong family and heritage values.

For these professionals, Peugeot Professional Tools offers machines and tools specifically designed for their needs. Reliable, durable tools, repairable in France and in countries under distribution agreements by local industrial and family partners.

Reliable equipment, with a longer warranty, with logistics and a

French after-sales service. The assurance of dealing with the people who assembled these tools and know every part that makes them up inside and out.

From exceptional work to the everyday job site, these tools are designed to withstand the most demanding conditions and to be durable over time.

Peugeot Professional Tools was born from one final realization: that our tools are in good hands. The hands of those who work behind the scenes and give their all to satisfy their customers.

Since 1910, many things have changed, but the hands have remained the same. The hands of passionate artisans, technicians, and installers, of workers proud of themselves and their accomplishments.

Peugeot Professional Tools, tools in good hands.

THANK YOU FOR YOUR PURCHASE.

We would like to see you again.

Choose your preferred language

Choisissez votre langue

Proceed with the installation

Proceed with the installation

mentary. For our benefit, and for the benefit of others, and for the benefit of the world.

registrez-vous sur

www.peugeot-outremer.com

And with the mark of Peugeot Professional Tools, your purchase is covered by a warranty of 2 years, extendable by 2 years on PP

Your purchase is covered by a warranty

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W-BEAM CAST IRON TRIPLE-CYLINDER AIR COMPRESSOR



PCAP500WB42

Ref. : PPC00100002

Features:

Intake flow	42 m ³ /h, or 700 l/min
Restored flow	35.9 m ³ /h, or 595 l/min
Motor	7.5 HP Three-Phase
Reservoir	500 liters
Pressure	11 bar max
Footprint	195 x 64 x 125 cm
Weight	222 kg
Acoustic power	96 dB (A) LWA

Equipment:

- High-flow quick-connect outlet
- Circuit breaker switch
- 3/4" F outlet valve
- 16 bar pressure gauge: indicator of the tank pressure
- Check valve, safety valve, drain valve
- Damper pads

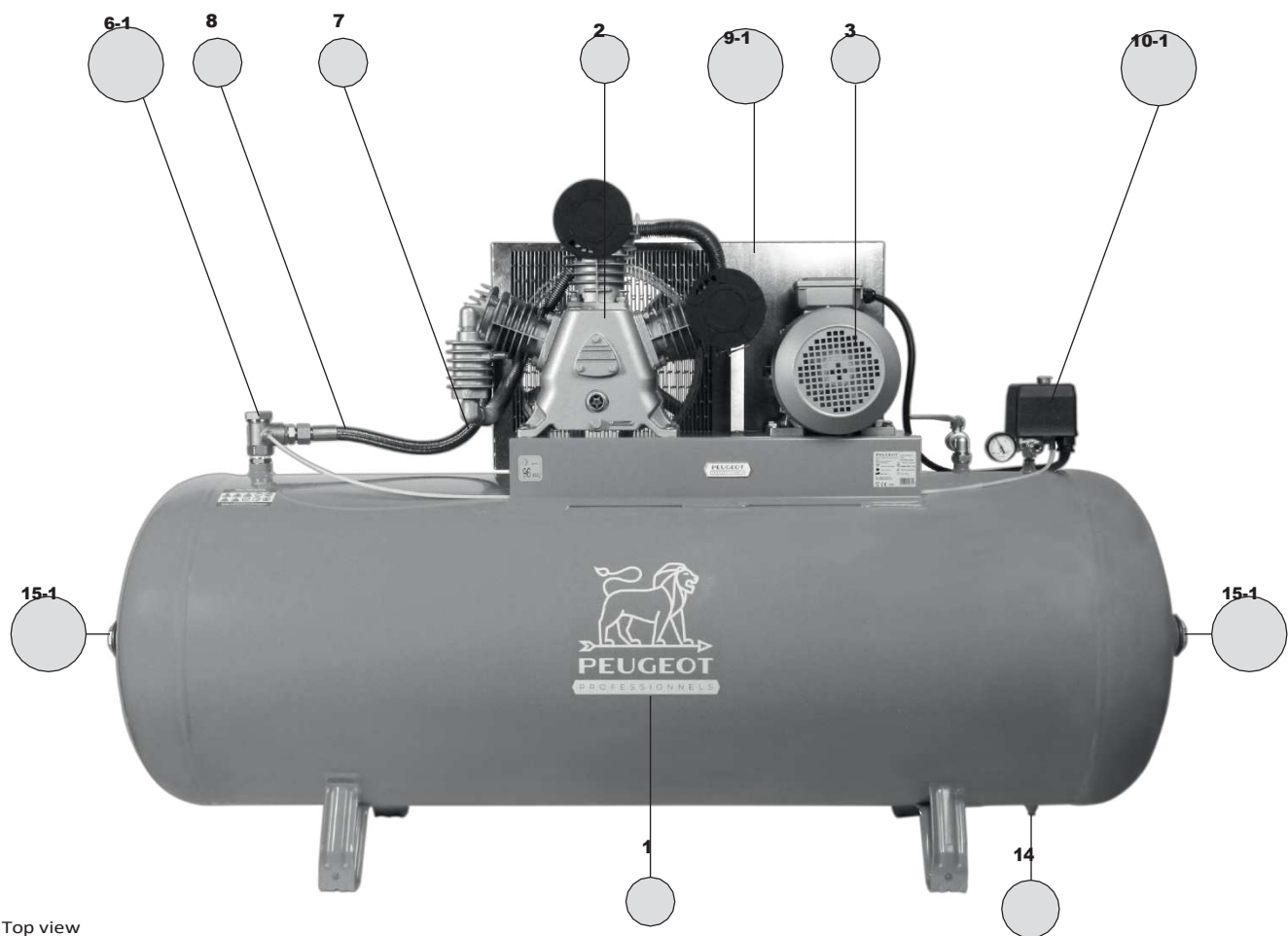
You have just purchased a Peugeot Outils Professionnels air compressor, and we thank you for your trust.

To get the most out of your compressor safely, please read this manual carefully before installation, use, and any maintenance.

PCAP500WB42

Features:

Front view



Top view



PCAP500WB42

Marker	Designation	Quantity	Reference
1	Tank 500-liter tank	1	Contact us
2	Group Group 40 WB-2	1	28 164 024
3	Motor Motor 7.5 HP / 5.5 kW three-phase	1	27 151 050
4	Pulley Alu Pulley 2A 140 x 28 (NR*)	1	27 211 130
4-1		1	
4-2		1	
5	Belt A 62 (NR*)	2	24 230 012
6	Check valve 1" FF Non-Return Valve 1" Non-Return Valve Plug (NR*) 1" MM Nipple (NR*) 1" M - 3/4 F Reducer (NR*)	1	27 330 320
6-1		1	27,330,510
6-2		1	24 360 010
6-3		1	27 362 560
7	Flexible 3/4 stainless steel, length 0.40 m	1	74 271 050
8	Teflon vacuum hose 4 x 6, length 1.55 m	1	28 632 120
9	Galva Carter Monobloc 500-Liter Protection Tank , Reinforcement Pads (NR*)	1	54 162 209
9-1		1	56 162 101
10	Ramp 55/500 10-16 A Circuit Breaker Contactor 1/4" FFF Galvanized Tee Pressure Gauge 16 bar 1/4 axial Safety Valve CE 10 bar 1/4 Rac 1055 1/4 M	1	74 220 010
10-1		1	24,310,002
10-2		1	24 372 044
10-3		1	26 320 520
10-4		1	26 332 030
10-5		one	29 381 424
11	Nipple 3/8M - 1/4M	1	25 360 100
12	Power cord 4 x 2.5 mm ²	1	76 244 480
13	Motor cable	1	76 244 470
14	3/8" Drain Valve M (NR*)	1	25 351 020
15-1	2" Straight Galvanized Cap , 2" Cap O-Ring (NR*)	2	27 373 260
15-2		2	27 340 202
16	3/4" MFL outlet	1	24 350 030
17	Gripsol Pad 84 x 84 (NR*)	4	54 119 002

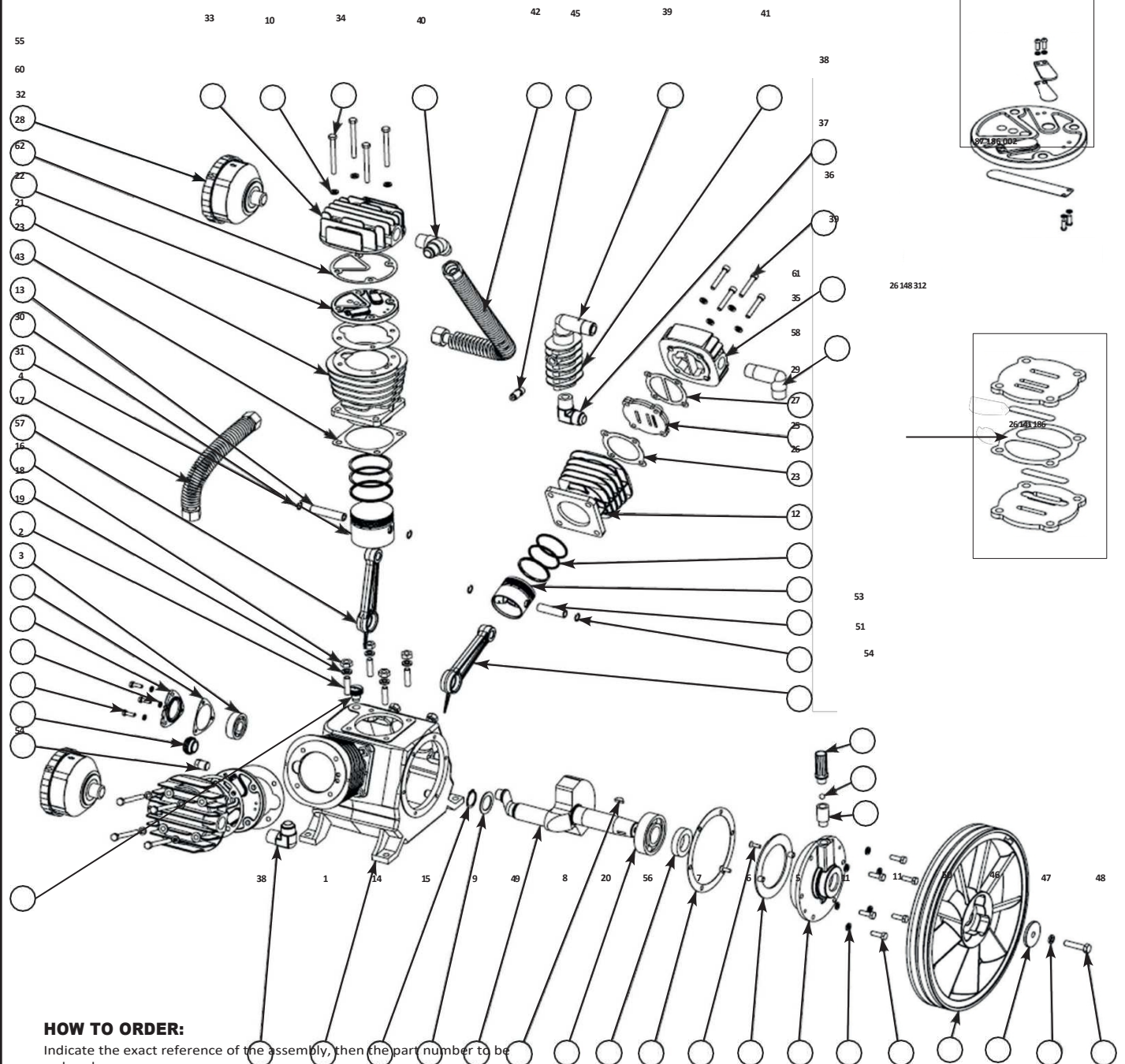
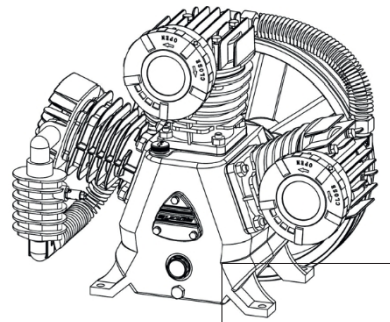
* NR: not represented.

DESCRIPTIVE: Group 40 WB-2

Group design:

W-type, three-cylinder cast iron head, two-stage, high-flow, 40 WB-2 Long-life components:

- Double-disc plates: high-performance valves
 - 4 segments per piston
 - Cast iron cylinders and cylinder heads
 - Generously sized intermediate intercooling between stages
- Low-pressure drop air filters: 2 filters, 1 on each low-pressure cylinder



HOW TO ORDER:

Indicate the exact reference of the assembly, then the part number to be ordered.

Example: to order the cylinder head, refer to part no. 33 "Cylinder Head" 40 WB-2 33



Approximate crankcase capacity: 1.98 liters

Oil level indicator



Recommended oil: ISO VG 100

Visible oil level to be maintained when vehicle is stopped

DESCRIPTION: Group 40 WB-2

Mark	Designation	Quantity	Reference
1	Carter	1	
2	Oil Pressure Gauge - G3/4" - with gasket	1	26 149 280
3	Drain Plug - 3/8" - with gasket	1	
4	Stud - M10*38	12	
5	Front fender	1	27 150 106
6	Separating spacer - Ø89 - Ø130 - plastic	1	
7	Screw F Z - M6*20	2	
8	Ball Bearing - 6307	1	27 150 080
9	Crankshaft	1	27 147 023
10	Elastic Washer - W8	18	
11	Screw H - M8-25, 8.8	6	
12	Rods - Ø15 - Ø32 - l=137 (Sides)	2	27 150 105
13	Connecting Rod - Ø15 - Ø32 - l=137 (Center)	1	27 147 018
14	Outer Circlip - Ø30*1.2	1	
15	Washer - Ø30 - Ø44 - 1.5	1	
16	Small Front Flask - Triangle	1	
17	Ball Bearing - 6304	1	26,149,544
18	Elastic Washer - W6-ZN	3	
19	Screw H - M6-20	3	
20	Joint spi - Type AS, Ø35*56*12	1	27 150 042
21	Piston - Ø80 (BP)	2	27 150 085
22	Piston Shaft - 15*70	2	
23	Circlip Piston Shaft - 15*1	6	
24	Set of Piston Rings - Piston Ø80 (3 pieces)	2	27 150 100
25	Piston - Ø65 (HP)	1	27 147 012
26	Piston Shaft - 15*57.5	1	27 147 010
27	Piston Ring Set - piston Ø65, (3 pieces)	one	26,144,122
28	Cylinder - Ø80 - M8 (BP)	2	27 150 002
29	Cylinder - Ø65 - M8 (HP)	1	27 147 033
30	H Nut - M10.8	12	
31	Elastic washer - W10	12	
32	Set of Washer Plates - Ø80, M8 (BP)	2	87 186 002
33	Cap - Ø80, M8, Aluminum (BP)	2	27 150 070
34	H-Screw - M8*80, 8.8	8	
35	Damper Plate Kit - Ø65 - M8 (HP)	1	26 141 186
36	Coupling - Ø65, M8, HP, Source	1	27 147 028
37	HC Screw - M8-50, 8.8	4	
38	Elbow fitting - ZG3/4" - G3/4"	2	27 147 042
39	Cooling elbow	2	
40	3-Way Fitting - Tee - ZG3/4 -2-G3/4 135°	1	
41	Radiator Exchanger	1	27 147 006
42	Radiator - Ø19 x 470	1	27 147 007
43	Radiator - Ø19 x 260	1	27 150 033
44	Output Nut - G3/4"/32 - Ø19.5 - l=21	4	
45	Safety valve - 1/4" - 5 bar	1	28 332 020
46	Flat washer - Ø10 - Ø52 -5	1	
47	Elastic washer - W10, left-hand thread	1	
48	H-Wing Screw - M10-45, 10.9, left-hand thread	1	
49	Spacer Disc - Ø5-19	1	
50	Wheel – Group - Ø368 - A2 Source	1	27 150 012
51	Bille - Ø9.5	1	
52	Reniflard Extension	1	
53	Reniflard - M16 x 1.5 - Black - with gasket	1	26 149 214
54	Fill Cap - M16-3, with gasket	1	26 149 242
55	Complete Air Filter	2	27 150 022
55-1	Air filter cartridge	2	28 142 310
56	Gasket (large) Rear Flask	1	27 150 056
57	Gasket - small front flask	1	26 148 248
58	BP Cylinder Joint - Ø65, M8, Interface 9016	1	26 148 257
59	Gasket - Ø80, M8 Cylinder Top Paper	2	24 150 062
60	Joint - Ø80, M8, BP Cylinder Top, Interface 9016, t=0.8mm	2	27 150 050
61	Joint - Ø65, M8, Cylinder Head BP, Interface 9016, t=0.8mm227 150 05061	one	26,148,006
62	Joint - Ø80, M8, Crankcase/ Cylinder, CH-8583	3	27 150 054
63	Aluminum joint between HP valve plates	1	26 148 312
Gasket between HP plates and flaps126 148 312	Gasket kit for group 40WB	1	27 340 050



IMPORTANT PRELIMINARY INFORMATION

The legal and contractual warranty for Peugeot Professional Tools is contingent upon strict compliance with this user manual.



Before using any pneumatic tool, make sure your compressor is powerful enough for the job. Using tools that consume more than 50% of your compressor's air output capacity will cause premature wear.

Equipment, a compressor must be used with caution, strictly following all instructions for start-up, operation, and maintenance, as well as warnings contained in this manual. Careful reading of this manual is essential **before** assembly and installation, use, maintenance, and operation for minor malfunctions. **Carefully keep this manual** for so that you can refer to it at all times. By identifying potentially dangerous situations in a timely manner and observing the appropriate safety instructions, the risk of an accident is significantly reduced.

Frequent draining of the tank, in particular, is necessary to limit corrosion of the tank that could weaken it. This equipment is intended for the compression of air only, and **no other gas or fluid**. Never use the compressor in any way other than that specifically recommended, unless you have first ensured that the intended use will be neither dangerous to yourself nor to others.



Modifying the compressor's design or performing any work on the compressor beyond the operations authorized in this manual is prohibited. In these cases, service by authorized Peugeot Outils Professionnels service centers is required.

This product must be recycled separately from other waste. At the end of the device's life, take it to authorized Eco-Systèmes centers (landfill, etc.) for recycling of the materials it contains. It is therefore your responsibility to recycle this electronic equipment waste by handing it over to a designated collection point for recycling electrical and electronic equipment. Separate collection and recycling of your equipment waste at the time of its disposal helps protect natural resources and ensures recycling in a way that protects human health and the environment. For more information on recycling points for your equipment waste, please contact your city's recycling service or the retailer where you originally purchased the product.

Collection point on www.quefairedemesdechets.fr

RECEIPT - INSTALLATION

Installation:

The compressor must be placed on a stable support to limit vibrations and prevent the risk of falling: **avoid a rigid floor mounting**, which would prevent the dispersion of vibrations and could cause damage. The compressor does not have an anchoring point for lifting. The compressor must be unpalleted using slings positioned under the tank.

Appropriate "gripsol" skates are provided for palletized compressors without wheels.

Fixed: Position the compressor on a flat, stable surface or stand. The compressor must be placed at least 3 meters away from the work area to avoid, in particular, the risk of suctioning air contaminated by splashes (paint, etc.).

Start-up:

Our compressors are individually tested at the factory and leave our workshops with the tank empty. **Before the first start-up** and any electrical connection, completely purge the tank by depressurizing and draining it.

Pressure Relief: Ensure the compressor is stopped and the pressure switch is in the off position, or the compressor is unplugged from the power source.

The compressor described in this manual is not equipped as standard with an outlet pressure regulator (neither a regulator nor a receiver tank). To depressurize this compressor, connect a high-flow quick-connect fitting on its outlet to a compressed air hose equipped with a blowgun, and gradually depress the blowgun's trigger to safely release the air contained in the tank.

If you choose to equip your compressor with a pressure regulator, depressurize it by connecting a hose and blowgun to the regulator and opening it gradually.

Drainage: Unscrew the drain valve located under the tank.

Collect the condensate, avoiding its release into the environment. Ensure it is treated, recycled, or disposed of by the competent authority. Securely re-tighten the nut after the operation.

Always make sure the tank is empty before unscrewing the purge valve. Never attempt to unscrew it if the tank is still under pressure. High-pressure air flow can be dangerous: never stand in the path of the stream. Never direct the stream at a person or animal. Always connect the compressor to an air-powered tool before use to prevent any uncontrolled air release.



Oil level:

Check the oil level. If it is insufficient, top it up to the top of the red indicator and ensure the compressor is installed in a horizontal position for proper lubrication.

Use ISO VG 100 compressor oil.



Electrical connection:

Caution: This device is electrical and operates under voltage. Any work on the system (pressure switch, circuit breaker, motor, and cord) must be performed **with the power off**.

Disconnecting power requires:

- 1) push down the Start/Stop button on the switch **and**
- 2) unplug the power cord (or open the circuit breaker).

The compressor must be connected to an installation with an earth connection and differential protection (against short circuits) as close as possible to the compressor's outlet so that this protection is effective.

Ensure that these conditions are met and verify that the contactor button is fully depressed in the off position before proceeding with the electrical connection.

Overcurrent protection:

Three-phase compressor:

Due to the existence of multiple three-phase installation standards, three-phase compressors are shipped without an electrical outlet.

Your compressor is equipped with an electric motor and appropriate overcurrent protection, with **factory settings that must not be changed**.

Caution: It is not possible to operate them on a 230-volt single-phase installation.

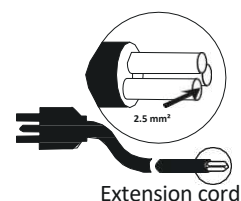
The power cable has three conductive wires for the mains and one for the ground. Connect these wires to a male power outlet that is suitable for your type of installation.

The earth conductor is yellow and green and must be connected to the earth terminal of the power outlet.
For proper cooling, the compressor flywheel must rotate in the direction indicated by the arrow on the protective housing. To reverse the rotation direction (if it is incorrect), swap two of the three phase wires at the power outlet.

Power Cord - Extension Cord:

Keep the cord out of the risk of being stepped on or crushed, away from heat sources or surfaces exceeding 70 °C, and away from sharp surfaces. Clean thoroughly if it comes into contact with grease or oil, as these can alter the properties of the sheath. Do not leave the cord in an acidic or corrosive environment (e.g., animal excrement).

If the use of an electrical extension cord (less than 20 m in length) is



necessary, only use standard electrical cables with a cross-sectional area of at least 2.5 mm² to prevent overheating or voltage drop in the extension cord. To correctly choose the cable's cross-sectional area, please refer to the table below.

Motor Power	Three-Phase Section
2.2 kW/3 HP	2.5 mm ²
3 kW/4 HP	2.5 mm ²
4 kW/5.5 HP	2.5 mm ²
5.5 kW/7.5 hp	2.5 mm ²
7.5 kW/10 HP	2.5 mm ²
10 kW/13 hp	6 mm ²

Always fully unspool the extension cord. In general, it's better to have a longer compressed-air hose (25 or 50 m) than an installation based on electrical extension cords.

Always turn off your compressor using the switch (by pushing it down), and only then unplug it, without pulling the cord sharply.

Pneumatic connections:

Always use compressed air hoses or flex hoses with pressure ratings suitable for the compressor (at least 50% higher than the compressor's maximum pressure). Never use the compressor without it being connected to a tool or its intended system to prevent an uncontrolled air release.



OPERATION

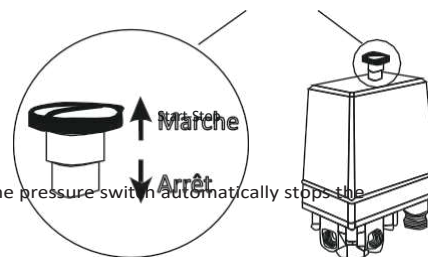
- Never use the compressor for purposes other than those specified by your dealer at the time of purchase.
- Specific applications may require compliance with standards that it is your responsibility to know and follow (inflation, washing with detergents, painting, etc.). In particular, do not use the compressor with any fluid other than compressed air.
- Regardless of the type of compressor used, the expelled air cannot be completely pure.
- If your system and/or your application requires a higher degree of purity, be sure to install the appropriate filtering devices, available from your dealer. In particular, compressed air
The product from this device is not suitable for medical, food, or respiratory use.
- Never direct the jet at a person or animal. Do not allow the compressor to be operated by anyone not trained in the use of the Peugeot Outils Professionnels compressor, especially children.
Keep them away from the work area while working with the compressor.
- Do not use the compressor with bare and/or wet feet, or with wet hands.
- Never operate the compressor without the flywheel-belt protective cover properly secured and without the protective covers for the pressure switch or the circuit breaker switch closed.

Start - Stop:

To start the compressor, plug in the power cord (or close the circuit breaker), then pull up the on/off button on the pressure switch (or circuit breaker switch).

When the compressor starts, the tank fills with air gradually and the pressure increases. When it reaches a stop pressure (factory-set between 8 and 9 bar), the pressure switch automatically stops the compressor.

When air is being used, the pressure in the tank drops to the restart pressure (factory-set between 5 and 6 bar). When this is reached, the pressure switch automatically commands the compressor to restart.



To stop the compressor (possible at any time), push down the on/off button on the pressure switch. For a power outage or extended shutdown, be sure to unplug the power cord (or open the circuit breaker).

Any work on the compressor requires unplugging the power cord (or opening the circuit breaker). Turn the switch off and unplug the power cord:

- to protect it from power surges in the event of a lightning strike!
- if you want to avoid unwanted restarts a few hours later, when the tank pressure has dropped...
- in case of prolonged disuse.

Initial start-ups and break-in:

The units undergo testing and a pre-break-in period at the factory.

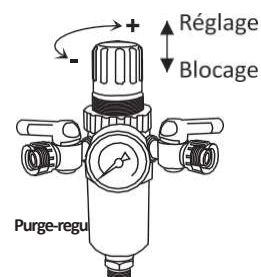
The compressor continues its break-in period for approximately 15 hours of use, without any specific intervention from the user.

Drain and replace with new oil.

Tool Adaptation – Work Pressure Adjustment:

The compressor is delivered as standard without a pressure regulator. However, to operate an accessory, you need a constant working pressure (indicated in the tool's manual).

You can adjust the compressor's outlet pressure using an optional purifier-regulator or a vertical manifold with a filter regulator (ref. 315.900).



Unlock the purge-regulator cap by pulling it up, then turn it clockwise to increase the pressure, and counter-clockwise to decrease it.

Check the pressure on the pressure gauge. When the desired pressure is reached, lock the knob by pushing it down; this prevents it from being disengaged by vibration.

Note: Ensure that the regulator's set pressure is always lower than the pressure at which the pressure switch restarts. Otherwise, you will not achieve the desired pressure.

Do not use a tool whose air consumption exceeds the maximum flow rate delivered by the compressor by more than 50%. Doing so will cause premature wear of the compressor.

Note: If the compressor is not equipped as standard, you have the option to add one.

Contact an authorized service center.



Noise Precautions:

The compressor is a noisy device. Use hearing protection to prevent any hearing damage.
The acoustic power of this device is indicated on page 3.
It is your responsibility to comply with the noise levels permitted at the compressor's point of use.



Eye precautions:

Projections of air and particles can be dangerous to the eyes. Wearing protective goggles is essential for safe operation. Never point tools, hoses, etc., toward the human body or any animal.



Burn hazard:

Certain parts of your compressor, especially the cylinders, cooling fins, discharge tube, its copper extension, and the check valve, can reach temperatures where skin contact can cause burns.
Be sure not to touch them until they have cooled down sufficiently.
Do not leave flammable materials or nylon fabrics near or in contact with the compressor.

MAINTENANCE

Caution: Strict adherence to maintenance procedures will keep your compressor in good working order. Proper maintenance is also essential for safety, especially the regular and frequent draining of the tank.

For your safety, any movement of the compressor or any maintenance operation must be performed with the unit shut down, without a power source, and the tank emptied.
The compressor is moved on its wheel by using the handle provided for that purpose.

Tank Purge:

Condensation in the tank is inherent to the normal operation of the compressor. **It is therefore essential to purge the tank as frequently as possible and at least once a week to prevent corrosion.** In the event of severe corrosion, the tank could crack under pressure and endanger people and property. Purge is performed by depressurizing the tank and draining any condensate present.

Strictly follow the depressurization and drainage instructions described on page 9 (installation).

Periodically, after a drainage operation and before re-tightening the nut, **check that the purge system is in good working order:** start the compressor and make sure air is escaping properly from the purge screw (nut). Then, turn off the unit and close the screw before pressurizing the compressor again.

Your tank complies with current regulations. Never perform any work on it, in any way (welding, etc.). Have a professional inspect the tank's condition in the event of a shock.



In accordance with current French regulations, the compressor tank must be inspected by a control organization (APAVE, Véritas, etc.) at most every 4 years and requalified (pressure resistance test) by such an organization every 10 years.

Warning: do not discharge condensates containing water and oil into the environment. They must be collected by a treatment facility.

Drainage:

- It is strongly recommended to regularly check the oil level.
- Use ISO VG 100 compressor oil. Do not fill the reservoir above the top of the red level: this would cause an excessive oil supply to the system.
- Perform the first oil change as soon as the break-in period is over (15 hours of operation).
- Then drain and rinse the crankcase every year or every 150 hours of operation.
- Heavy use of the compressor can lead to excessive oil consumption; in this case, check the oil level regularly. It is recommended to avoid mixing oils.

To drain the unit

Using a flathead wrench, unscrew and remove the drain plug at the bottom of the crankcase. Tilt the compressor forward and let the used oil drain.

Once the used oil has been drained from the crankcase, check the condition of the drain plug seal, then reinstall the drain plug (tighten it securely).

For the crankcase oil capacity, refer to the group exploded diagram.

Unscrew the fill cap, slowly pour in the oil, and adjust the amount to reach the correct oil level in the middle of the dipstick.

Reinstall the fill cap.

Air filters:

A clogged filter reduces the device's performance. Clean the air filter cartridge frequently using a blower (always blow from the inside out), at least every 50 hours.

Do not use flammable products for cleaning. If it is too dirty, replace the filter.

Safety valve:

Do not touch the valve. Its adjustment and operation must not be altered. Ensure its proper functioning in accordance with the specific instructions accompanying the compressor.

Valves:

Operational problems with a compressor often stem from particles that block the check valves of the "valve plates" located in the compressor head and/or the check valve mounted on the tank. These valves are easily accessible, and a simple cleaning will ensure the compressor operates properly. Contact an authorized service center.



The backflow preventer must be disassembled with the tank empty.

Risks related to freezing:

If the compressor has been exposed to freezing temperatures, store it in a temperate location for a while or heat the pipes to melt any ice that may have formed from condensation. Drain the tank every evening and restart in the morning with an empty tank.

POSSIBLE CAUSES OF MALFUNCTION

The compressor will not start:

- The tank is full.
- The switch button is not in the on position and/or the compressor is not plugged in.
- Voltage at the motor terminals is too low: extension cord is too long or the EDF network voltage is insufficient.
- The thermal cutout switch is set too low: consult Peugeot Professional Tools customer service.

The unit "grumbles" but does not start:

The EDF network voltage is too low.

- Three-phase compressor: the unit is powered by two phases instead of three. Check whether the power supply circuits are adequate: contact Peugeot Professional Tools Customer Service.

Insufficient flow:

All of the following interventions require performing operations with the power off, while cold, and with the tank empty.

- Leak on the hose connecting the unit to the tank: loosen the hose nuts without removing the hose, reposition the hose, and tighten the nuts securely.
- Loose, slipping belt: after disconnecting power to the compressor, remove the protective cover for the belt and pulley, take off the belt, unscrew the motor from its plate, move the motor away from the unit by a few millimeters, re-tighten the motor on its plate, and reinstall the belt. Reinstall the protective cover properly before restarting.
- Clogged filter: blow it out or replace it.
- Stuck-on or worn valve covers on the compressor head: remove the head (cylinder head + valve cover plate) and clean or replace the valves.

Attention: Any disassembly of the head requires replacing the gaskets.

- Constant leakage at the switch when the compressor stops: the check valve is damaged: clean or replace the special rubber disc after unscrewing the check valve head.

Caution: Always disconnect the compressor from the power source and empty the tank beforehand to avoid any accidents!

Oil is leaking:

- Worn or damaged pistons. Contact Peugeot Professional Tools Customer Service.
- Cylinder damaged. Contact Peugeot Professional Tools Customer Service.
- At the cylinder heads: replace the head gaskets according to the procedure.

Compressor assembly seized:

- Damaged connecting rod bearings: contact Peugeot Professional Tools Customer Service.
- Cylinder and pistons damaged: contact Peugeot Professional Tools Customer Service.
- Connecting rod stuck on the crankshaft: contact Peugeot Professional Tools Customer Service.
- Damaged cylinders and rings, as well as a seized connecting rod, are generally the result of an oil shortage.

Excess water in the expelled air:

This condensation is normal and is due to the expansion of compressed air. If your application requires expelling particularly dry air, we recommend purchasing an air dryer (contact your dealer).



Caution: Any other operation requires the intervention of authorized Peugeot Outils Professionnels service centers. Service performed outside this framework and without new Peugeot Outils Professionnels parts will void the product warranty.

When your compressor trips the circuit breaker:

- Turn off the compressor at the switch.
- Wait for it to cool down before restarting it.
- After a few minutes, press the reset button on the circuit breaker located on the switch housing.
- Then restart the compressor using the switch. If it trips several times in a row, contact an authorized service center.

If you are using an extension cord, check that the cable's gauge is sufficient. Recommended extension cord: 4 x 2.5 mm², maximum length 20 m.



Warranty

In the event of warranty coverage for the machine, it must be handled exclusively by an authorized after-sales service.

The machine's warranty is valid for 2 years from the date of purchase by the user. This product benefits from an additional 2-year warranty extension, provided that the user registers the product on the PEUGEOT OUTILS PROFESSIONNELS website (www.peugeot.outils-pro.com) within 30 days of the date of purchase. This warranty extension is subject to the same conditions as the original warranty.

Accessories and consumables are not covered by the warranty.

It is important to keep the invoice, which serves as the warranty certificate.

The warranty is limited to the free repair or replacement of defective parts, after an assessment by the manufacturer.

For any requests for information or spare parts regarding the machine, it is mandatory to provide the exact information from the nameplate.

The warranty does not cover damage caused by the user or by a repairer not authorized by Tivoly.

[Link to the General Warranty Conditions](#)





CE DECLARATION OF CONFORMITY "ORIGINAL"

The undersigned (Manufacturer/Importer):

TIVOLY

266 ROUTE PORTES DE TARENTAISE 73790 TOURS-EN-SAVOIE

Declares that the following new machine:

Designation: PISTON COMPRESSOR Brand: PEUGEOT OUTILS
PROFESSIONNELS Model: PCAP500WB42
Reference: PPC00100002 Serial Number:

Conforms to the applicable harmonized legislation:

NF EN ISO 12100 Safety of machinery - General principles of design - Risk assessment and risk reduction (November 2010),
NF EN 1012-1 Compressors and vacuum pumps: Safety requirements (December 2010).

Complies with the essential safety requirements applicable to it:

Machinery Directive (2006/42/EC), Low Voltage Directive
(2014/35/EU)
Simple Pressure Vessel Directive (2014/29/EU), Electromagnetic Compatibility Directive (2014/30/EU),
Outdoor Acoustics Directive (2000/14/EC),
Ecodesign Directive 640/2009, ROHS2 2011/65/EU

Made in TOURS-EN-SAVOIE
July 9, 2025

Stéphane Le Mounier, General
Manager

	TIVOLY - Corporate Headquarters 266 ROUTE PORTES DE TARANTAISE 73790 TOURS-EN-SAVOIE	USER SERVICE Tel +33(0)4 79 89 59 00
	In its constant effort to improve the quality of its products, TIVOLY reserves the right to modify their characteristics. The information, photos, exploded views, and diagrams contained in this document are not contractual.	July 2026 Edition