



MEEC TOOL 012893 Compressor Instruction Manual

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MEEC TOOL 012893 Compressor



Care for the environment!

Recycle discarded product in accordance with local regulations.

Jula reserves the right to make changes. For latest version of operating instructions, see www.jula.com

Product Information

- **Item number:** 012893
- **Power:** 1100 W
- **Airflow rate:** 180 l/min
- **Manufacturer:** Jula AB
- **Country of origin:** Sweden
- **Compressor type:** Electric compressor
- **Operating voltage:** 230V
- **Weight:** 6.3 kg
- **Noise level:** 75.2 dB (A)
- **Maximum pressure:** 8 bar
- **Enclosure rating:** IP20
- **Protection class:** II

SAFETY INSTRUCTIONS

INTENDED USE

The appliance is designed to pump up bike tyres, inflatable mattresses, footballs, rubber boats etc. together with the supplied adapters. All other use or modification of the appliance is inappropriate and can put safety at risk. The manufacturer cannot accept liability for any damages resulting from improper usage. The appliance is not intended for commercial use.

NOTE: Always keep the instructions near the compressor and readily available for the operator.

GENERAL SAFETY INSTRUCTIONS

WARNING! Read all the safety instructions and other instructions.

Failure to follow the safety instructions and other instructions can lead to electric shock, fire and/or severe personal injury. Save all safety instructions and other instructions for future reference. "Power tools" in the safety instructions refers to mains powered compressors.

WORKPLACE SAFETY

- Keep the work area clean and well lit. Dark and cluttered work areas increase the risk of accidents and injuries.
- Do not work with this power tool in areas where there is a risk of explosion, and where there are flammable liquids, gas or dust. Power tools produce sparks that can ignite dust and fumes.
- Keep children and other persons at a safe distance when using the power tool. You can lose control of the appliance if you are distracted.

ELECTRICAL SAFETY

- The plug for the power tool must fit properly into the power point. The plug must not be modified in any way. Do not use adapter plugs together with earthed power tools. Unmodified plugs and matching outlets reduce the risk of electric shock.
- Avoid body contact with earthed surfaces such as pipes, radiators, cookers and refrigerators. There is an increased risk of electric shock if your body is earthed.
- Do not expose power tools to rain or moisture. There is a greater risk of electric shock if water gets into a power tool.
- Do not use the power cord to carry or hang up the power tool, or to pull the plug out of the power point. Keep the power cord away from heat, oil, sharp edges and moving parts. A damaged or tangled cord increases the risk of electric shock.
- If it is not possible to avoid using the power tool in damp conditions, use a residual current device RCD. Using an RCD reduces the risk of electric shock.

PERSONAL SAFETY

- Stay alert, pay attention to what you are doing, and use your common sense when working with a power tool. Do not use a power tool if you are tired or under the influence of drugs, alcohol or medication. A moment of inattention when using a power tool can result in serious personal injury.
- Wear personal safety equipment and safety glasses. Using personal safety equipment such as a dust filter mask, non-slip safety shoes, safety helmet or ear protection (depending on the type and how the power tool is used), reduces the risk of personal injury.
- Avoid accidental starting. Make sure the power tool is switched off before connecting it to the power supply and before picking it up or carrying it. If you have your finger on the power switch when carrying the power tool, or plug it into a power point when it is switched on, this can result in an accident.
- Remove all Allan keys/spanners etc. before switching on the power tool. A tool or key left in a rotating part of the appliance can result in personal injury.
- Avoid awkward postures. Always maintain a firm footing and good balance. This will give you better control

over the tool in unexpected situations.

- Wear suitable clothing. Do not wear loose-fitting clothes or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose-fitting clothing, jewellery or long hair can get caught in moving parts.
- If dust extraction devices can be fitted, make sure they are properly connected and used. The use of dust extraction can reduce the risks associated with dust.

USING AND HANDLING POWER TOOLS

- Do not overload the machine. Use the right power tool for the job. The use of the right tools means you work better and more safely within the specified power range.
- Do not use a power tool with a faulty switch. A power tool that cannot be switched on or off with the power switch is dangerous and must be repaired.
- Pull out the plug from the power point before making any adjustments, changing accessories, or putting down the appliance. This precaution avoids accidental starting of the power tool.
- Store power tools not in use out of the reach of children. Do not allow persons who are unfamiliar with the appliance, or who have not read these instructions, to use the appliance. Power tools are dangerous if used by inexperienced persons.
- Keep power tools in good condition. Check that moving parts function properly and do not jam, and that no parts are defective or damaged. Have damaged parts repaired before using the appliance. Many accidents are a result of poorly maintained power tools.
- Keep cutting tools sharp and clean. Carefully maintained cutting tools with sharp edges do not fasten as easily and are easier to control.
- Use the power tool and accessories, etc. in accordance with these instructions. Take into account the working conditions and the work that is to be done. Using power tools for purposes they are not intended to be used for can result in dangerous situations.

SERVICE

- The power tool must only be repaired by qualified personnel using original spare parts. This will ensure that the power tool remains safe to use.
- The plug and power cord must only be replaced by the manufacturer or an authorised service centre. This will ensure that the power tool remains safe to use.

SAFETY INSTRUCTIONS SPECIFIC TO THIS APPLIANCE

- This appliance must not be used by children or persons with diminished physical, sensorial or mental capacities, or who lack experience or knowledge. Do not allow children to use the appliance as a toy. Cleaning and maintenance must not be carried out by children.
- Avoid using the compressor at temperatures below +5°C.
- Never leave the compressor unattended when in use.
- Make sure the power switch is switched off before plugging the appliance into a power point.
- **Caution:** Only use the compressor for short periods. The appliance can overheat if it is run continuously for more than 10 minutes. Switch off the appliance immediately and allow it to cool for at least 10 minutes.
- Risk of damage: Do not pump up objects over the intended pressure. They can explode and cause personal

injury and/or material damage.

- Do not exceed the permissible power range for the compressor. Do not pump up truck tyres, tractor tyres or other large tyres.
- Do not work with any materials that are or can be flammable or explosive.
- Never use the appliance for anything other than its intended purpose.
- Keep the appliance clean, dry and free from oil and grease. Never use petrol or other flammable liquids to clean the appliance. Residual fumes in the appliance can be ignited by sparks and cause it to explode.
- Stay alert. Never use the appliance if you are distracted, or not feeling well. Safety instructions for work with compressed air and blow guns
- The compressor and hoses get hot when in use. Touching them can cause burn injuries.
- Gas or fumes drawn in by the compressor must be kept free from additives that can result in fire or explosions in the compressor.
- When releasing the hose coupling you must hold the coupling firmly with your hand to avoid personal injury from the hose kicking back.
- Wear safety glasses when working with the blow gun. Foreign objects and particles blown out can easily cause personal injury.
- Do not point the blow gun at persons and do not use it to clean clothes you or others are wearing.
- Check all the connections and supply lines. All maintenance units, couplings and hoses must comply with the appliance parameters in terms of pressure and volume of air. Low pressure can have a negative effect on the functionality of the appliance, and high pressure can result in material damage and personal injury. Protect hoses from buckling, contraction, solvents and sharp edges.
- Make sure that hose clips are always well tightened. Loose or damaged hose clips can cause an uncontrolled outflow of air.
- Replace a damage hose immediately. A defective supply line can cause a compressed air hose to flap wildly around and cause personal injury.
- Do not inhale the exhaust air.
- The hose must be designed for at least 150% of the maximum pressure produced in the system.
- The tool and the supply hose must be provided with a hose coupling that permits the pressure to be fully exhausted when the coupling hose is disconnected.





NOTE: An under-dimensioned compressed air system reduces the efficiency of the appliance.

- Avoid getting exhaust air in your eyes. Exhaust air from the appliance can contain water, oil, metal particles or impurities from the compressor. This can be harmful to health.

WARNING! Be careful when putting down the appliance. Always put down the appliance so that it is not lying of the power switch. In some circumstances this can lead to unintentional switching on of the appliance, which in turn can put safety at risk.

Symbols

The following symbols provide guidance for how to use your power tool. Make sure you understand the symbols and their significance.

	Read the instructions.
	Approved in accordance with the relevant EU directives.
	Recycle as electrical waste.
	This product has a safety class II rating. This means it is fitted with extra or double insulation.

TECHNICAL DATA

- **Rated voltage** 230 V ~ 50 Hz
- **Motor output** 1.1 kW
- **Mode** S3 15%
- **Compressor speed** 3550 rpm
- **Operating pressure (max)** 8 bar
- **Theoretical suction performance** 180 l/min
- **Displacement** 180 l/min
- **Specified air volume** 70 l/min
- **Protection rating** IP20
- **Safety** class II
- **Appliance weight (approx.)** 6.3 kg
- **Sound pressure level, LPA** 75.2 dB (A), K = 3 dB
- **Sound power level, LWA** 95.2 dB (A), K = 3 dB
- **Guaranteed sound power level, LWA** 97 dB (A)

DESCRIPTION



1. Power switch
2. Transport handle
3. Compressed air hose with quick-coupling
4. Adapter nozzle
5. Adapter nozzle
6. Adapter nozzle
7. Compressed air connection
8. Extension nozzle
9. Universal adapter
10. Valve adapter
11. Nozzle adapter for nozzle kit
12. Ball needle
13. Universal adapter

SCOPE OF DELIVERY

- Compressor (incl. compressed air hose and power cord)

- Compressed air gun (with pressure gauge)
- Extension nozzle
- Ball needle
- Valve adapter
- Adapter nozzle (x3)
- Adapter for nozzle kit
- Universal adapter (x2)
- Instructions

USE

NOTE:

- Take the necessary accessories out from the accessory compartment.
- Never block the ventilation openings.
- The appliance vibrates and should therefore not be handled when in use. Place the appliance upright on its four feet on a level and stable surface.

STARTING AND STOPPING

Start the appliance by putting the power switch in the “I” position. Switch off the appliance by putting the power switch in the “O” position.

CONNECT THE COMPRESSED AIR HOSE

Connect the compressed air hose with quick-coupling: Press the compressed air connector in the quick-coupling. The sleeve jumps automatically forward.

DISCONNECT THE COMPRESSED AIR HOSE

Pull back the sleeve on the compressed air hose quick-coupling and remove the connector.

NOTE: Hold the coupling firmly when removing the quick-coupling to avoid personal injury as a result of the hose kicking back.

PUMPING

Without adapter

This application enables simple and precise filling. The pressure gauge is used to check the tyre pressure. With the integrated blowout valve it is possible to reduce the tyre pressure if it is too high.

NOTE: The pressure gauge is not calibrated. Check the tyre pressure with a calibrated pressure gauge after filling.

1. Put the power switch in the “O” position.
2. Press the lock arm on the pump nipple, fasten the nipple on the valve and release the lock arm.
3. Plug the compressor plug into a power point.
4. Set the switch to “I”.
5. Press the trigger on the compressed air gun and hold in for a few seconds. Release the trigger and read off the air pressure on the pressure gauge. Continue until the required pressure is obtained.
6. Set the switch to “O”.

7. Press in the lock arm on the pump nipple and release from the valve.
8. Unplug the compressor plug from the power point.

Bike tyres

Valve adapter (10) enables easy pumping up of bike tyres.

1. Connect valve adapter (10) to the pump nipple.
2. Press the valve adapter against the valve and pump.

Balls

Ball needle (12) can be used for pumping up different balls.

1. Press the lock arm on the pump nipple, fasten the ball needle in the pump nipple and release the lock arm.
2. Press the ball needle in the valve opening and pump.

NOTE: Moisten the ball needle before inserting to avoid damaging the valve.

Inflatable mattresses etc.

Universal adapter (9) and (13) can be used for pumping up inflatable mattresses other similar items.

1. Press in the lock arm on the pump nipple, fasten the adapter in the pump nipple and release the lock arm.
2. Press the adapter in the valve opening and pump.

Objects with 8 mm valve

Adapter nozzle (7) is suitable for all valves with an inner diameter of 8 mm. Examples of these are inflatable mattresses, pools and toy boats.

1. Press in the lock arm on the pump nipple, fasten the adapter the adapter nozzle and release the lock arm.
2. Screw nozzle adapter (11) in adapter nozzle (7).
3. Press the adapter in the valve opening and pump.

Boats and pools etc.

Adapter nozzle (6) can be used for large objects such as rubber boats and pools with screw valves.

1. Press in the lock arm on the pump nipple, fasten the adapter nozzle in the pump nipple and release the lock arm.
2. Screw nozzle adapter (11) in adapter nozzle (6).
3. Press the adapter in the valve opening and pump.

Objects with more volume

Adapter nozzle (5) can be put in an air valve and used on objects with more volume.

1. Press in the lock arm on the pump nipple, fasten the adapter nozzle in the pump nipple and release the lock arm.
2. Screw nozzle adapter (11) in adapter nozzle (5).
3. Press the adapter in the valve opening and pump.

Cleaning nozzle

The extension nozzle (8) is used to clean areas difficult to reach and for cleaning dirty equipment. The smooth action trigger enables precise dosing of the compressed air. To use the extension nozzle the hose with the pump nipple must first be unscrewed from the gun with the pressure gauge. The extension nozzle is then screwed into the gun with pressure gauge.

MAINTENANCE

- Never open the appliance, it is maintenance-free.
- The appliance must be repaired by an authorised service centre.

WARNING!

- **RISK OF PERSONAL INJURY.** Switch off the appliance and pull out the plug before working on the appliance.
- Do not use sharp objects to clean the appliance.
- Do not allow any liquid to get into the appliance, this could damage the appliance.
- Make sure the appliance has cooled down completely, otherwise there is a risk of getting burned.
- Release all pressure from the appliance before cleaning and maintenance. Use the blowout valve for this until no more air comes out.

CLEANING

- Clean the appliance regularly, preferably every time it has been used.
- Clean the appliance casing with a dry cloth. Make sure that no water gets into the appliance.

NOTE: Do not use petrol, solvents or detergents that can damage the plastic.

STORAGE

Before putting the appliance away make sure there is no compressed air in it or the accessories. Pull out the plug and make sure there is no compressed air in it or the accessories.

NOTE:

- Store the appliance in a dry and safe place.
- Store the appliance where it cannot be used by unauthorised persons.

TROUBLESHOOTING

Malfunction	Proposed solution
The appliance will not start.	Check the power supply.
	Check that the power cord, fuse and plug are working properly.
	Do not use long extension cords or cords with a small cross-sectional area.
	Do not use the appliance in ambient temperatures below +5 degrees.
	Avoid overheating the motor. Allow the motor to cool.
Working pressure too low.	Check couplings, hoses and non-return valve for leakage.

EU DECLARATION OF CONFORMITY

Item number: 012893

Jula AB, Box 363, SE-532 24 SKARA, SWEDEN

This declaration of conformity is issued under the sole responsibility of the manufacturer.

COMPRESSOR 230V, 11W S3 15%

Conforms to the following directives, regulations and standards:


<u>Directive/Regulation</u>	<u>Harmonised standard</u>
MD 2006/42/EC	EN 1012-1:2010, EN 60204-1:2006+A1
EMC 2014/30/EU	EN 55014-1:2017, EN 55014-2:2015, EN 61000-3-2:2014, EN 61000-3-3:2013
RoHS 2011/65/EU + 2015/863	EN 50581:2012

This product was CE marked in year: -20

Mattias Lif

BUSINESS AREA MANAGER (Signatory for Jula and authorised to compile the technical documentation.

Documents / Resources

 <p>MEEC TOOL 012893 Compressor 1100 W 180 l/min</p>	<p>MEEC TOOL 012893 Compressor [pdf] Instruction Manual 012893 Compressor, 012893, Compressor</p>
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References

-  [Jula – products for home and garden](#)

