STANLEY

Air compressor

GB Instruction manual for owner’s use
(Original instructions)

UK Support Number:
0870 1 630 630
KEY TO PRODUCT SAFETY SIGNS

- Before use, read the handbook carefully
- Danger - automatic control (closed loop)
- Warning, hot surfaces
- Hearing, sight and respiratory protection must be worn
- Dangerous voltage
<table>
<thead>
<tr>
<th>HP</th>
<th>kW</th>
<th>l</th>
<th>l/min</th>
<th>cfm</th>
<th>volt / Hz</th>
<th>A</th>
<th>min⁻¹</th>
<th>bar</th>
<th>psi</th>
<th>kg</th>
<th>lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5</td>
<td>1.1</td>
<td>6</td>
<td>180</td>
<td>6.35</td>
<td>220/240 - 50</td>
<td>5.5</td>
<td>3400</td>
<td>8</td>
<td>116</td>
<td>9</td>
<td>19.8</td>
</tr>
</tbody>
</table>

![Diagram of the air compressor with labeled parts](image-url)
Brown: Live (L) or Red
Blue: Neutral (N) or Black
1. PRECAUTIONS

An ACOUSTIC PRESSURE value of 4 m. corresponds to the ACOUSTIC POWER value stated on the yellow label located on the compressor, minus 20 dB.

⚠️ THINGS TO DO

- The compressor must be used in a suitable environment (well ventilated with an ambient temperature of between +5°C and +40°C) and never in places affected by dust, acids, vapors, explosive or flammable gases.
- Always maintain a safety distance of at least 4 meters between the compressor and the work area.
- Any coloring of the belt guards of the compressor during painting operations indicates that the distance is too short.
- Insert the plug of the electric cable in a socket of suitable shape, voltage and frequency complying with current regulations.
- Use extension cables with a maximum length of 5 meters and of suitable cross-section.
- The use of extension cables of different length and also of adapters and multiple sockets should be avoided.
- Always use the switch I/O to switch off the compressor.
- Always use the handle to move the compressor.
- When operating, the compressor must be placed on a stable, horizontal surface.

⚠️ THINGS NOT TO DO

- Never direct the jet of air towards persons, animals or your body. (Always wear safety goggles to protect your eyes against flying objects that may be lifted by the jet of air).
- Never direct the jet of liquids sprayed by tools connected to the compressor towards the compressor.
- Never use the appliance with bare feet or wet hands or feet.
- Never pull the power cable to disconnect the plug from the socket or to move the compressor.
- Never leave the appliance exposed to adverse weather conditions.
- Never transport the compressor with the receiver under pressure.
- Do not weld or machine the receiver. In the case of faults or rusting, replace the entire receiver.
- Never allow inexperienced persons to use the compressor. Keep children and animals at a distance from the work area.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Do not position flammable or nylon/fabric objects closed to and/or on the compressor.
- Never clean the compressor with flammable liquids or solvents. Check that you have unplugged the compressor and clean with a damp cloth only.
- The compressor must be used only for air compression. Do not use the compressor for any other type of gas.
- The compressed air produced by the compressor cannot be used for pharmaceutical, food or medical purposes except after particular treatments and cannot be used to fill the air bottles of scuba divers.

⚠️ THINGS YOU SHOULD KNOW

- To avoid overheating of the electric motor, this compressor is designed for intermittent operation as indicated on the technical dataplate (for example, S3-25 means 2.5 minutes ON, 7.5 minutes OFF). In the case of overheating, the thermal cutout of the motor trips, automatically cutting off the power when the temperature is too high. The motor restarts automatically when normal temperature conditions are restored.
- To facilitate restart of the compressor, in addition to the operations indicated, it is important to return the button of the pressure switch to the OFF position and then to ON again (paragraph 5.3).
- The compressor is fitted with a pressure switch equipped with a delayed closing air discharge valve which facilitates start-up of the motor. Therefore venting of air from this valve for a few seconds with the receiver empty is normal.
- The compressor is fitted with a safety valve that is tripped in the case of malfunctioning of the pressure switch in order to assure machine safety.
2. LAYOUT (Figures 1-2)
1. Shroud
2. Pressure vessel
4. Supporting foot
5. Quick-lock coupling (regulated compressed air)
6. Pressure gauge (for reading the preset pressure by means of regulator)
7. Pressure regulator
8. ON/OFF switch
9. Transportation handle
10. Safety valve
11. Drain valve
12. Pressure gauge (for reading the tank pressure)
13. Screw
14. Nut
15. Washer

3. SCOPE OF USE
The compressor is designed for generating compressed air for tools operated by compressed air.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

The machine is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user/operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

4. POINTS TO NOTE WHEN SETTING UP THE COMPRESSOR
- When fitting a tool, the flow of air in output must be switched off.
- When using compressed air, you must know and comply with the safety precautions to be adopted for each type of application (inflation, pneumatic tools, painting, washing with water-based detergents only, etc.).

+5°C to +40°C. There must be no dust, acids, vapors, explosive gases or inflammable gases in the room.
- The compressor is designed to be used in dry rooms. It is prohibited to use the compressor in areas where work is conducted with sprayed water.

5. ASSEMBLY AND STARTING

⚠️ Warning!
You must fully assemble the appliance before using it for the first time.

5.1 Fitting the supporting foot (ref. 4)
Fit the supplied rubber stopper as shown in figure 3.

5.2 Voltage
The compressor is equipped with a mains cable with shock-proof plug. This can be connected to any 230V ~ 50Hz shock-proof socket which is protected by a 16 A fuse. Before you use the machine, make sure that the mains voltage complies with the specifications on the rating plate. Long supply cables, extensions, cable reels etc. cause a drop in voltage and can impede motor start-up. In the case of low temperatures below +5°C, motor start-up is jeopardized as a result of stiffness.

5.2.1 Connection of the mains plug (electrical information for the BS plug)

⚠️ Important!
The wires in the mains lead fitted to this product are coloured in accordance with the code shown in fig. 4.

- This product is double insulated and therefore does not require a connection to earth.
- The 3 pin plug must comply to BS1363/A.
- Fuse must comply to BS1362.

If for any reason the 13 amp plug fitted to this product requires replacement it must be wired in accordance with the following instruction:

Do not connect the brown (live) or blue (neutral) to the earth pin marked ‘E’ on the 3 pin plug.

Connect the Blue wire to the terminal marked Neutral (N). Connect the Brown wire to the terminal marked Live (L). Ensure that the outer insulation is gripped by
the cord grip and that the wires are not trapped when replacing the plug cover. The mains lead on this product is fitted with a 13 amp (BS1363/A) plug. A 13 amp (BS1362) fuse must be fitted in the plug.

**If in doubt consult a qualified electrician**

There are no user serviceable parts inside this product except those referred to in the manual. Always refer servicing to qualified service personnel. Never remove any part of the casing unless qualified to do so; this unit contains dangerous voltages.

**Warning!**

For your protection if this product is to be used outdoors it should not be exposed to rain or used in damp locations. Do not place the product on damp surfaces, use a workbench if available. For added protection use a suitable residual current device (R.C.D.) at the socket outlet.

**Note:** If the mains cable requires replacing it must be replaced with an identical one and fitted by a qualified person.

5.3 **On/Off switch (ref. 8)**

To switch on the equipment set the On/Off switch (ref. 8) to position 1.

Move the On/Off switch (ref. 8) to position 0 to switch off the equipment.

5.4 **Adjusting the pressure**

- You can adjust the pressure on the pressure gauge (ref. 6) using the pressure regulator (ref. 7).
- The set pressure can be taken from the quick-lock coupling (ref. 5).

5.5 **Setting the pressure switch**

The pressure switch is set at the factory.

Switch-on pressure 6 bar
Switch-off pressure 8 bar

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### 6. CLEANING AND MAINTENANCE

**Warning!**

Pull the power plug before doing any cleaning and maintenance work on the appliance.

**Warning!**

Wait until the compressor has completely cooled down. Risk of burns!

**Warning!**

Always depressurize the tank before carrying out any cleaning and maintenance work.

6.1 **Cleaning**

- Keep the safety devices free of dirt and dust as far as possible. Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- We recommend that you clean the appliance immediately after you use it.
- Clean the appliance regularly with a damp cloth and some soft soap. Do not use cleaning agents or solvents; these may be aggressive to the plastic parts in the appliance. Ensure that no water can get into the interior of the appliance.
- You must disconnect the hose and any spraying tools from the compressor before cleaning. Do not clean the compressor with water, solvents or the like.

6.2 **Condensation water**

The condensation water must be drained off each day by opening the drain valve (ref. 11) (on the bottom of the pressure vessel).

**Warning!**

The condensation water from the pressure vessel will contain residual oil. Dispose of the condensation water in an environmentally compatible manner at the appropriate collection point.

6.3 **Safety valve (ref. 10)**

The safety valve has been set for the highest permitted pressure of the pressure vessel. It is prohibited to adjust

<table>
<thead>
<tr>
<th>MAINTENANCE RESUMPTIVE TABLE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FUNCTION</strong></td>
</tr>
<tr>
<td>Cleaning of intake filter and/or substitution of filtering element</td>
</tr>
<tr>
<td>Draining tank condensate</td>
</tr>
</tbody>
</table>
the safety valve or remove its seal. Actuate the safety valve from time to time to ensure that it works when required. Pull the ring with sufficient force until you can hear the compressed air being released. Then release the ring again.

6.4 Storage

⚠️ Warning! ⏰

Pull the mains plug out of the socket and ventilate the appliance and all connected pneumatic tools. Switch off the compressor and make sure that it is secured in such a way that it cannot be started up again by any unauthorized person.

⚠️ Warning! ⏰

Store the compressor only in a dry location which is not accessible to unauthorized persons. Always store upright, never tilted!

7. DISPOSAL AND RECYCLING

The unit and its accessories are made of various types of material, such as metal and plastic. Defective components must be disposed of as special waste. Ask your dealer or your local council.

8. POSSIBLE FAULTS AND RELATED PERMITTED REMEDIES

<table>
<thead>
<tr>
<th>FAULT</th>
<th>CAUSE</th>
<th>REMEDY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leakage of air from the valve of the pressure switch with the compressor off.</td>
<td>Check valve that, due to wear or dirt on the seal, does not perform its function correctly.</td>
<td>Unscrew the hexagonal head of the check valve, clean the valve seat and the special rubber disk (replace if worn). Reassemble and tighten carefully.</td>
</tr>
<tr>
<td>Reduction of performance. Frequent start-up. Low pressure values.</td>
<td>Excessive performance request, check for any leaks from the couplings and/or pipes. Intake filter may be clogged.</td>
<td>Replace the seals of the fitting, clean or replace the filter.</td>
</tr>
<tr>
<td>The compressor stops and restarts automatically after a few minutes.</td>
<td>Tripping of the thermal cutout due to overheating of the motor.</td>
<td>Clean the air ducts in the conveyor. Ventilate the work area.</td>
</tr>
<tr>
<td>After a few attempts to restart, the compressor stops.</td>
<td>Tripping of the thermal cutout due to overheating of the motor (removal of the plug with the compressor running, low power voltage).</td>
<td>Activate the on/off switch. Ventilate the work area. Wait a few minutes. The compressor will restart independently.</td>
</tr>
<tr>
<td>The compressor does not stop and the safety valve is tripped.</td>
<td>Irregular functioning of the compressor or breakage of the pressure switch.</td>
<td>Remove the plug and contact the Service Center.</td>
</tr>
</tbody>
</table>

Any other type of operation must be carried out by authorized Service Centers, requesting original parts. Tampering with the machine may impair its safety and in any case make the warranty null and void.
<table>
<thead>
<tr>
<th>Modello / Model</th>
<th>HP</th>
<th>kW</th>
<th>Lwa (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A6BB304SCR512 - D 200/8/6</td>
<td>1.5</td>
<td>11</td>
<td>95.1</td>
</tr>
<tr>
<td>Capacità serbatoio (l) / Tank capacity (l)</td>
<td>0</td>
<td>6</td>
<td>97</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>24</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>50</td>
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</tbody>
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Livello di potenza acustica garantito dB(A) - Guaranteed sound power level dB(A)

Conforme d.lgs. N. 262/02

La conformità all’allegato VI - proc. 1 della direttiva 2000/14/CE è stata controllata da 2000/14/EC annex VI - proc. 1 conformity assessment made by

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