



## 230 VOLT MACHINES

### (SQUARE PIN OR BLUE PLUG) (continued)

- Use the "TEST" button to check that the rcd is working each time you use it. Reset the rcd according to the instructions supplied with it.
- If you need an extension cable, follow any special instructions given by the hire company. If the hire company have not given any special instructions, you should only use a suitably rated heavy duty one, not longer than 50 metres (160 feet). Plug it directly into the rcd.
- Lay it out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and could catch fire.
- Make sure that any extension cable connections are dry and safe.



## USING THE COMPRESSOR

- Wear your protective equipment, including ear defenders and goggles.
- Check that any air lubrication container is topped up with the recommended oil.
- When you have set up the compressor, switch on and check that everything operates properly.

Please keep this leaflet safely as it may be required for future reference



Hae  
HIRE ASSOCIATION EUROPE

Hire Association Europe  
2450 Regents Court  
The Crescent  
Birmingham Business Park  
Soliuhll B37 7YE

Telephone: 44 (0) 121 380 4600  
Fax: 44 (0) 121 333 4109  
Email: mail@hae.org.uk  
website: www.hae.org.uk

# Electric Compressor

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

## It is important to read all of this leaflet BEFORE you use the Compressor

- Plan your work and think ahead to make sure you will always be working safely.
- Compressed air is hazardous and must be used carefully. Never aim a jet of compressed air at anyone.
- Electricity is hazardous and must always be used with great care.
- This compressor is designed to produce and store air at its rated pressure to enable you to run various compressed air-powered tools.
- The action of this compressor can cause injury or damage if not used in a careful and controlled way.
- If you have not used a compressor before, familiarise yourself with the equipment before you start work.
- You must have at least the following items of personal protective equipment: impact resistant goggles: EN166 – B or BS2092 grade 1; dust mask – a minimum of EN149 FFP3(s) protection; ear muffs or plugs giving protection for levels up to 86 dB(A); gloves rcd if using a 230 volt (mains) supply.
- This compressor must not be used by minors, or by anyone under the influence of drugs or alcohol.
- This compressor is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.



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Telephone: 44 (0) 121 380 4600  
Fax: 44 (0) 121 333 4109  
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website: www.hae.org.uk

Hire Association Europe  
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(continued overhead...)  
cable or machine get damaged.  
protect you against electric shock if the rcd. This will help to  
your machine into the  
230 volt socket. Plug  
plugged directly in to the  
residual current device ("rcd")

- Use a residual current device ("rcd")
- 230 VOLT MACHINES  
(SQUARE PIN OR BLUE PLUG)  
connections are dry and safe.
- Make sure that any extension cable  
it. Unroll it fully or it will overheat and  
could catch fire.
- Lay the extension cable out carefully  
avoiding liquids, sharp edges, doorways  
and places where vehicles might run over  
it. Unroll it fully or it will overheat and  
could catch fire.
- Make sure that any extension cable  
connections are dry and safe.



**ELECTRICAL SAFETY**  
Your machine will only operate on one  
voltage: it will be 110V or 230V. 110V  
machines will have a yellow industrial plug  
fitted. 230V machines will have either a normal  
square pin plug fitted, or a blue industrial plug.  
Read the instructions below for your machine.

- Do not use the compressor to supply any  
form of breathing equipment or to  
supplement or replace a ventilation  
system.
- Compressed air must not be used to  
clean clothes or work areas. You must  
not use it in an unauthorised way or  
without correct equipment.
- Do not use at a greater pressure than  
recommended.
- Do not connect or disconnect any tool or  
pipe while the system is pressurised,  
release the pressure first.
- Check on how the compressor operates  
– before you switch it on, you must know  
how to stop it.



## Before Starting Work...

## COMPRESSOR

- Check all your equipment, hoses,  
gauges, cables and plugs. If anything is  
protective equipment  
also need to wear appropriate personal  
anybody who is working near to you will  
compressor causes dust.
- You will need to wear an appropriate dust  
protection for this level as a minimum.  
ear muffs or plugs giving hearing  
levels up to 86 dB(A) – wear appropriate  
this compressor is likely to cause noise  
are working with this compressor.  
(EN166 – B or BS2092 grade 1) when you  
must wear impact resistant goggles  
level of protection.
- You must wear impact resistant goggles  
or environments may require a higher  
you use this compressor. Particular jobs  
minimum that should be worn whenever  
protective equipment (ppe) are the  
company will have provided a portable  
transformer if you need to power the  
machine from a normal mains 230V  
supply. If a portable transformer has  
been supplied, take care not to injure  
yourself when moving it about – it may  
be heavier than you think. Machines  
designed to run directly from 230V mains  
will have either a normal square pin plug  
fitted, or a blue industrial plug.
- Usually, compressed air carries a minute  
amount of oil-mist to prevent air tools  
seizing up. Make sure that any  
lubrication container on your compressor  
is topped up with the recommended oil.  
Check the level regularly.
- Compressed air can be hazardous, do  
not misuse it.
- Do not obstruct or prevent safety devices  
from working.
- Do not point a jet of compressed air at  
people or animals. It can cause injury  
even through clothing.

## OPERATORS

- The following items of personal  
protective equipment (ppe) are the  
minimum that should be worn whenever  
you use this compressor. Particular jobs  
or environments may require a higher  
level of protection.
- You must wear impact resistant goggles  
(EN166 – B or BS2092 grade 1) when you  
are working with this compressor.  
this compressor is likely to cause noise  
levels up to 86 dB(A) – wear appropriate  
ear muffs or plugs giving hearing  
protection for this level as a minimum.  
You will need to wear an appropriate dust  
anybody who is working near to you will  
also need to wear appropriate personal  
protective equipment
- Check all your equipment, hoses,  
gauges, cables and plugs. If anything is

## WORK AREA

- Do not use the compressor where there  
is a danger of explosion. It will ignite  
flumes from petrol, or gas cylinders.
- Make sure that your work area is clear  
and safe and that no-one is near to you  
or could distract you.
- Protect other people from the noise and  
danger. Warn others to keep away, put  
barriers around your work area.
- Site your compressor on firm level  
ground as far as possible from other  
people to reduce the problem of noise.