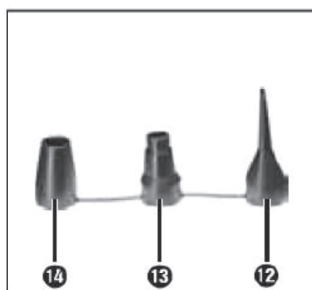
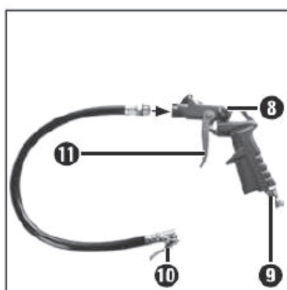
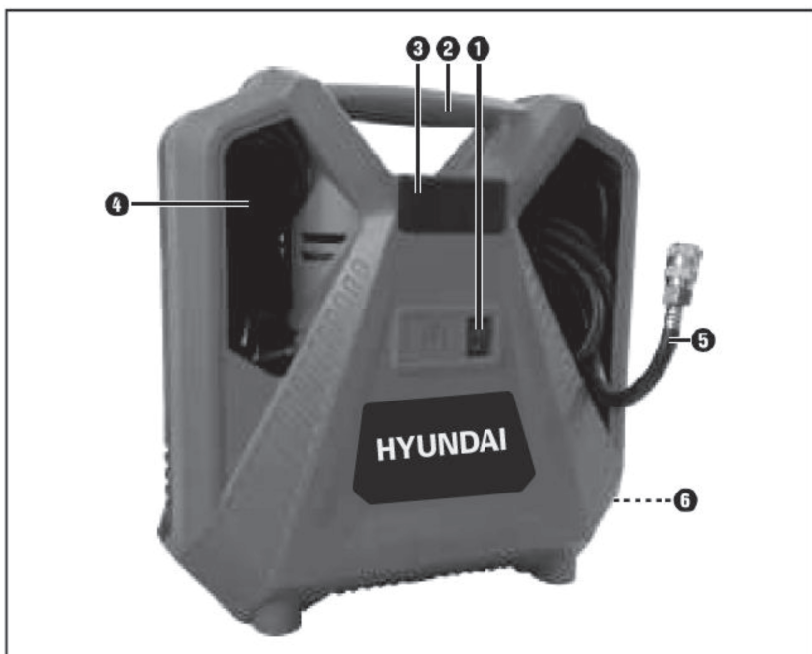


**HYUNDAI**  
POWER PRODUCTS

# AIR COMPRESSOR HCV8B-1

ORIGINAL INSTRUCTIONS







## COMPRESSOR

### Introduction



Congratulations on the purchase of your new appliance. You have selected a high quality product. The operating instructions are part of this product. They contain important information on safety, usage and disposal. Before using the product, familiarise yourself with all handling and safety instructions. Use the product only as described and for the range of applications specified. Hand over all documents when the product is passed on to a third party.

#### Intended use

This appliance is designed for inflating car tires, bicycle tires, inflatable mattresses, sport balls, inflatable dinghies, etc. in conjunction with the supplied adapter. Any other usage or modification to the appliance is deemed to be improper and carries significant risk of accidents. The manufacturer accepts no responsibility for damage(s) resulting from improper usage. The appliance is not intended for commercial use.

#### NOTE

- Store these operating instructions in the immediate vicinity of the compressor and make them available to all operators.

#### Features

- (1) ON/OFF switch with integrated control lamp
- (2) Carrying handle
- (3) Accessory compartment
- (4) Mains plug
- (5) Compressed air hose with quick coupler
- (6) Stand
- (8) Release valve
- (9) Compressed air connector
- (10) Hose with lever quick coupler
- (11) Trigger
- (12) Adapter nozzle
- (13) Adapter nozzle
- (14) Adapter nozzle
- (15) Extension nozzle
- (16) Universal adapter
- (17) Universal adapter
- (18) Nozzle adapter for the nozzle set

- (19) Ball needle
- (20) Valve adapter

#### Package contents

- 1 compressor (incl. compressed air hose and connection cable)
- 1 compressed air gun
- 1 extension nozzle
- 1 ball needle
- 1 valve adapter
- 3 adapter nozzles
- 1 adapter for the nozzle set
- 2 universal adapters
- Operating instructions

#### Technical data

Rated voltage:	230V ~ 50 Hz
Rated power:	1.1 KW
Operating mode:	S3 15% 10 min.
Compressor revolutions:	3550 min <sup>-1</sup>
Operation pressure:	Max. 8 bar
Theo. Intake capacity:	180 l/min.
Protection rating:	IP20
Protection class:	II/
Appliance weight:	6.5 kg
Operating mode S3-15%-10 min: S3=intermittent operation without the impact of the start-up. This means that during a period of 10 minutes, the maximum operating time is 15% (1.5 min)	

#### Noise information:

Noise measurement value determined in accordance with EN ISO 2151. The A-rated noise level of the power tool is typically as follows:

Sound pressure level:	L <sub>PA</sub> =75.2 dB (A)
Uncertainty:	K=3 dB (A)
Sound power level:	L <sub>WA</sub> =95.2 dB (A)
Uncertainty:	K=3 dB (A)

## Explanation of the symbols on the appliance!



Read the original operating instructions and safety instructions before initial operation.



Wear ear protection!



Do not start



Compressor can start without warning



Risk of burns caused by hot surfaces!



Warning: electrical voltage!



Only for indoor use!



Sound power level LWA data in dB.



Hearing protection must be worn



Warning: Maintenance work in progress



Warning: Exhaust of hot or harmful gases in normal working area.



Warning: Risk of low temperature



## General Power Tool Safety Warnings

### WARNING!

► Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

### 1. Work area safety

**a) Keep work area clean and well lit.** Cluttered or dark areas invite accidents.

**b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.

**c) Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

### 2. Electrical safety

**a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.

**b) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.

**c) Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

**d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.

**e) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

### 3. Personal safety

**a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.

**b) Use personal protective equipment.** Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

**c) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/ or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.

**d) Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

**e) Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.

**f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

**g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

#### 4. Power tool use and care

- a) Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- b) Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- f) Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

#### 5. Service

- a) Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- b) Always arrange for the exchange of the plug or the power cord to be carried out by the manufacturer of the appliance or by its approved customer services.** This will ensure that the safety of the power tool is maintained.

#### Device-specific safety instructions

- This appliance may not be used by children or people with reduced physical, sensory or mental capabilities or a lack of experience and knowledge. Children must not use the appliance as a plaything. Cleaning and user maintenance tasks may not be carried out by children unless they are supervised.
- Avoid using the compressor at temperatures below +5 degrees.
- Never leave the compressor unsupervised while it is in use.
- Ensure that the ON/OFF switch (1) is turned off when connecting to the mains power supply.
- Caution! Operate the compressor only for a short time. The appliance may overheat if operated continuously for longer than 10 minutes. Switch the appliance off immediately and allow it to cool down for at least 10 minutes.
- Risk of injury! Do not pump any objects up to more than the intended pressure. They could burst and cause injury and/ or material damage.
- Do not exceed the permissible output range of the compressor. Do not pump up any lorry, tractor or other large tires.
- Do not work with any materials that are or could be easily inflammable or explosive.
- Never use the appliance for purposes other than the ones for which it was designed.

■ The appliance must always be kept clean, dry and free from oil or grease.

■ Never use gasoline or other inflammable liquids to clean the unit! Vapours remaining in the appliance could be ignited by sparks and lead to the explosion of the appliance!

■ Remain alert at all times! Never use the appliance when you are distracted or don't feel well.

#### **Safety instructions for working with compressed air and blow-out guns**

■ The compressor and hoses can get very hot during operation. Touching them can cause burns.

■ The gases or vapours sucked in by the compressor intake must be kept free of admixtures that could lead to fires or explosions inside the compressor.

■ When removing the hose coupling, always hold the hose coupling firmly to avoid injury caused by the hose flying off.

■ When working with the blow-out gun, wear goggles. Foreign bodies and blown out particles can easily cause injuries.

■ Do not direct the blow-out gun at people or use it to clean clothing you are wearing.

■ Check all connections and supply lines. All maintenance units, couplings and hoses must correspond to the appliance parameters in terms of pressure and air flow. Excessively low pressure will adversely affect the function of the appliance; excessively high pressure can cause property damage and personal injury. Protect the hoses against kinking, constriction, solvents and sharp edges.

■ Ensure that the hose clamps are always tight. Loose or damaged hose clamps can allow air to escape in an uncontrolled manner.

■ Replace a damaged hose immediately. A faulty supply line can cause a compressed air hose to thrash about and cause personal injury.

■ Do not breathe in the exhaust air directly.

■ The hose must be designed for at least 150% of the maximum pressure generated in the system.

■ Ensure the secure footing and stable positioning of the compressor. During operation the compressor shall always be placed on its rubber feet or the bottom side.

Never exceed the inclination angle of 15° (vertical position) or 15° (horizontal position).

■ The tool and the supply hose must be fitted with a hose coupling that allows the pressure of the coupling hose to be dispersed completely during disconnection.

■ **WARNING!** An undersized compressed air system will reduce the efficiency of your appliance.

■ Avoid getting exhaust air in your eyes.

The exhaust air from the appliance may contain water, oil, metal particles or impurities from the compressor. This can cause damage to health.

#### **WARNING!**

► Take care when putting down the appliance!

Always put the appliance down so it does not lie on the ON/OFF switch (1). Under certain circumstances, this could cause an accidental activation of the appliance which, in turn, could lead to hazards.

■ The user has to make provision for the installation of the over-current protection of the power circuit. The installation must be made according to the norm EN60204.

■ The user has to make provision for the installation of the electrical disconnecting device of the power circuit. The installation must be made according to the norm EN60204.

■ User has to make provision for the installation of the pressure relief devices and other protective devices. Risk of inhalation of harmful gases, mists and fumes;

■ In all areas accessible to personnel the concentration of processed gases that can displace breathing air shall be kept within acceptable levels.

■ User shall refer to the norm EN 12021 for acceptable levels of contaminants in breathing air;

■ Always proceed to pressure relief valve maintenance and testing at regular intervals to confirm their correct operation at their specified setting.

■ All hoses and fittings shall be suitable for site use at the maximum allowable pressure of the portable compressors;

■ Where a parking brake is not fitted the use of wheel chocks is recommended when parked and in use. Always transport the tool by its handle. The tool shall be switched off and cold before transportation.

## Operation

### NOTE

► The appliance vibrates during operation. Therefore, always put it down during operation. There are four feet (6) on the bottom of the appliance for this purpose.

◆ Remove the required accessories from the accessory compartment (3).

### Switching on and off

#### Switching the appliance on:

◆ Move the ON/OFF switch (1) into the position "I" to switch the appliance on. The integrated control lamp lights up.

#### Switching the appliance off:

◆ Move the ON/OFF switch (1) into the position "O" to switch the appliance off. The integrated control lamp goes out.

### CAUTION!

► Caution! This appliance is not designed for continuous operation. To prevent the motor from overheating, the appliance may only be used as follows: within a period of 10 minutes the appliance may only be operated at the rated power input for 15% of the period, in other words, 1.5 minutes. During the rest of the time period (cooling phase 8.5 minutes), the appliance cools down again.

### Compressed air hose with quick coupler (5)

#### Connecting:

◆ Push the compressed air connector (9) into the quick coupler of the compressed air hose (5), the sleeve automatically springs forwards.

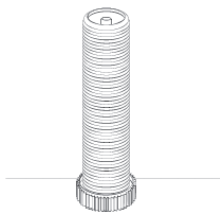
#### Cutting:

◆ Pull back the sleeve on the quick coupler of the compressed air hose (5) and remove the compressed air connector (9).

### CAUTION!

► Caution! When disconnecting the quick coupler of the compressed air hose (5), hold the coupler firmly to prevent injuries caused by the hose flying off.

## Inflation with adapter



Schrader valve, car tire valve

### Area of use:

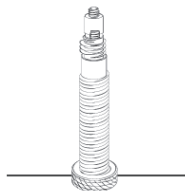
This application allows for a simple and accurate inflation of car tires. The manometer (7) is used to check the tire pressure. Thanks to the integrated release valve (8) it is possible to reduce the tire pressure if it is too high.

### ATTENTION!

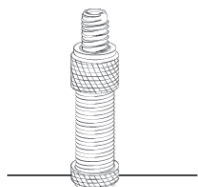
► Please note, the manometer (7) is not calibrated! After inflation, always check the tire pressure immediately, for example, at a petrol station.

- ◆ Ensure that the ON/OFF switch (1) is set to "O".
- ◆ Press the lever quick coupler (10) downwards to attach it.
- ◆ Place the lever quick coupler (10) onto the valve and then release the lever.
- ◆ Insert the mains plug (4) of the compressor into a mains power socket.
- ◆ Switch the ON/OFF switch (1) to "I". The integrated control lamp lights up.
- ◆ Read the air pressure from the manometer (7).
- ◆ Switch the ON/OFF switch (1) to "O" as soon as the correct or permissible air pressure has been reached. The integrated control lamp goes out.
- ◆ Press down the lever quick coupler (10) and pull it off the valve.
- ◆ Remove the mains plug (4) from the mains power socket.

### using the valve adapter (20)



Schrader valve, race valve



Dunlop valve, bicycle valve

#### Area of use:

The valve adapter (20) facilitates easy inflation of bicycle tires.

- ◆ Use the valve adapter (20) to pump to the valves shown above.
- ◆ Connect the valve adapter (20) into the lever quick coupler (10) and then release it.
- ◆ Start by pressing the valve adapter (20) onto the valve.
- ◆ Inflate as described above.

### using the ball needle (19)/ universal adapters (16)(17)

#### Area of use:

The ball needle (19) can be used to inflate various balls. The universal adapters (16)(17) can be used to inflate air mattresses or similar.

- ◆ Press the lever quick coupler (10) downwards to attach it.
- ◆ Insert the ball needle (19) or one of the universal adapters (16)(17) into the lever quick coupler (10) and then release it.
- ◆ Inflate as described above.

#### NOTE

- To avoid damage to the valve, you should moisten the ball needle (19) before insertion.

### with the extension nozzle (15)

#### Area of use:

The extension nozzle (15) is used for the cleaning/blowing out of concealed spaces or hard-to-reach areas, as well as for the cleaning of contaminated equipment. The infinitely variable trigger (11) allows an exact dosage of the compressed air.

If you want to use the extension nozzle (15), you must first unscrew the hose with the lever quick coupler (10) from the gun with the manometer (7).

- ◆ Now screw on the extension nozzle (15) into the gun with the manometer (7).

### using the adapter nozzle (12)

#### Area of use:

The adapter nozzle (12) is suitable for all valves with an internal diameter of 8 mm. You can use the adapter nozzle (12) for items such as inflatable mattresses, pools and also boots.

- ◆ Press the lever quick coupler (10) downwards to attach it.
- ◆ Insert the nozzle adapter (18) into the lever quick coupler (10) and then release it.
- ◆ Screw the nozzle adapter (18) into the adapter nozzle (12).
- ◆ Inflate as described above.

### using the adapter nozzle (13)

#### Area of use:

You can use the adapter nozzle (13) for all commercially available bathing boots, kayaks or other large items, such as pools, that are equipped with a screw valve.

- ◆ Press the lever quick coupler (10) downwards to attach it.
- ◆ Insert the nozzle adapter (18) into the lever quick coupler (10) and then release it.
- ◆ Screw the nozzle adapter (18) into the adapter nozzle (13).
- ◆ Inflate as described above.

using the adapter nozzle (14)

Area of use:

You can insert the adapter nozzle (14) in a vent valve. You will find this together with other valves (standard valve, screw valve, ...) on large-volume items, for example and inflatable mattress.

- ◆ Press the lever quick coupler (10) downwards to attach it.
- ◆ Insert the nozzle adapter (18) into the lever quick coupler (10) and then release it.
- ◆ Screw the nozzle adapter (18) into the adapter nozzle (14).
- ◆ Inflate as described above.

Maintenance and cleaning



**WARNING! RISK OF INJURY! Switch the appliance off and remove the power plug before commencing any work to the appliance.**

- Do not use any sharp objects to clean the appliance. Never permit fluids to penetrate inside the appliance. The appliance could be damaged. The carbon brushes should only be replaced by the service centre or an authorized specialist workshop. Apart from this, the appliance is maintenance-free.
- Ensure that the appliance has cooled down completely, otherwise there is a risk of burns.
- The appliance must be depressurized before all cleaning and maintenance tasks. To do this, open the release valve (8) until no more air escapes.
- Clean the appliance regularly, preferably immediately after completion of the work.
- Clean the housing with a dry cloth – do NOT use petrol, solvents or cleaners that can attack the plastic.
- Ensure that no water gets into the appliance.
- Ventilation openings must never be obstructed.

NOTE

► Replacement parts not listed (such as carbon brushes, switch) can be ordered via our service hotline.

**NOTE**  
The appliance is maintenance free. Never open the appliance. The appliance may only be repaired by an authorized service centre or Customer Service. If one of the faults listed below occurs, note the following:

- ◆ Disconnect the appliance from any power supply.
- ◆ Allow the appliance to cool down and wait a short while for the residual energy to neutralize.
- ◆ Ensure that the appliance is in good working condition.

Troubleshooting	
Fault	Solution
1. Appliance does not run	1. Check your power supply. Check that all cables, fuses and the mains socket are in working order. 2. Do not use excessively long extension cables. 3. Do not use the appliance at temperatures below +5 degrees. 4. Avoid overheating the motor. Allow the motor to cool down.
2. Working pressure too low	Check the seals and the non-return valve. Replace these if necessary.
3. Tools do not work	Check the hoses, quick coupler and the tools. Replace these if necessary.

## Storage

### NOTE

► Store the appliance in a dry and secure environment. Before storage, the appliance and all connected compressed air tools should be bled.

- Disconnect the mains power plug and then bleed the appliance and all connected compressed air tools.
- Store the appliance so that it cannot be used by unauthorized persons.

### Disposal



The packaging consists of environmentally friendly material. It can be disposed of in the local recycling containers.



**Do not dispose of power tools in your normal household waste!**

European Directive 2012/19/EU requires that worn-out power tools be collected separately and recycled in an environmentally compatible manner.

Your local community or municipal authorities can provide information on how to dispose of the worn-out appliance.



# Warranty

We guarantee this product for 2 full years.

The warranty period for this item starts on the day of purchase. You can prove the date of purchase by sending us the original receipt.

We insure over the entire warranty period:

- Free repair of possible malfunctions.
- Free replacement of damaged parts.
- Including the free service of our specialized personnel (i.e. free assembly by our technicians)

Provided that the damage is not due to improper use of the device.

To help you with your product, we invite you to use this link or call us on +33 (0)9 70 75 30 30:

<https://services.swap-europe.com/contact>

You must create a "ticket" via their platform:

- Register or create your account
- Indicate the reference of the tool
- Choose the subject of your request
- Explain your problem
- Attach these files: Invoice or receipt, identification plate photo (serial number), photo of the part you need (eg broken transformer plug pins)



## DECLARATION OF CONFORMITY CE

---



**Declaration of conformity  
BUILDER SAS**

**32 rue Aristide Bergès – Z1 31270 Cugnaux - France**

**Tel: +33 (0) 5.34.508.508 Fax: +33 (0) 5.34.508.509**

**Declares that the machinery designated below:**

**AIR COMPRESSOR**

**HCV8B-1**

**Serial number: 20200134759-20200135458**

**Complies with the provisions of the Directive "machinery" 2006/42/EC and regulations  
National transposing it;**

**Also complies with the following European directives:**

**EMC Directive 2014/30/EU**

**RoHS Directive 2011/65/EU +(EU) 2015/863**

**Also complies with European standards, national standards and provisions following techniques:**

**EN 1012-1:2010, EN 60204-1:2006+A1:2009**

**EN 55014-1:2006+A1:2009+A2:2011**

**EN 55014-2:2015**

**EN 61000-3-2:2014**

**EN 61000-3-3:2-13**

Cugnaux, 01/01/2020

Philippe MARIE / CEO







# HYUNDAI

POWER PRODUCTS

## **For Inquiries, please contact:**

BUILDER SAS

32, rue Aristide Bergès Z1 31270 Cugnaux, France

Tél. : +33 (0) 5.34.502.502 Fax : +33 (0) 5.34.502.503

<http://www.hyundaipower-fr.com/>

Fabriqu  en R publique Populaire de Chine (PRC)