

High pressure air pump

Operation instruction
Permanent high
pressure air pump

Dear customers:

Thank you for selecting series product of Yongheng, please read the instruction carefully before using this product, so as to get satisfied using effect.

Please keep this instruction well during the trial period.

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Safety precautions

- Precautions indicated here is to prevent you and other people from harming, as well as possible harm.
- Area for precautions is as follows. Each item is important contents related to safety. Please do obey them.

Warning	The product might be damaged if it is wrongly used.
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Product overview

- The product has you anticipated outstanding quality and convenience.
- The product is equipped with high pressure rubber hose, to apply to multipurpose use.
- Superimposed double-cylinder two-stage compression used by this product has the feature of large displacement, quick air inflation, which could be not only used for diving fire cylinder, but also could be used in car, lorry, truck and other automobiles.

● One machine serves several purpose, with a wide application range. A universal fast connection and charging connector is accompanied with the machine, in addition to inflation bottle, it could also be used for cars, motorbike, electric vehicles and other vehicles.

Range of application

For fire fighting, diving, leakage detecting, pressure-tight test, automobiles, etc.

⚠ Warning

- 1、 Power other than 220V DC shall not be used or danger would be caused.
- 2、 If abnormal noise occurred during the using of the product, please stop using it instantly and check the cause.

- 3、 The product should be placed at a place that it couldn' t be touched by children.
- 4、 Please do not use it in moist and flammable place.
- 5、 Please do not modify it arbitrarily, disassembling and repair by non-technical personnel is not allowed.
- 6、 Make sure the socket could withstand a current greater than 8A before using it, or the circuit might be burnt, the product might be damaged and the dangers may be caused due to overload of the socket.

- 7、 Please do not touch the head section after the machine was just being used, so as to not be burnt by high temperature.
- 8、 Please do not leave without authorized, or the product might be damaged by increasingly rising pressure, sustained overload motor, even halt due to the operation pressure has reached but it is not turned off timely.

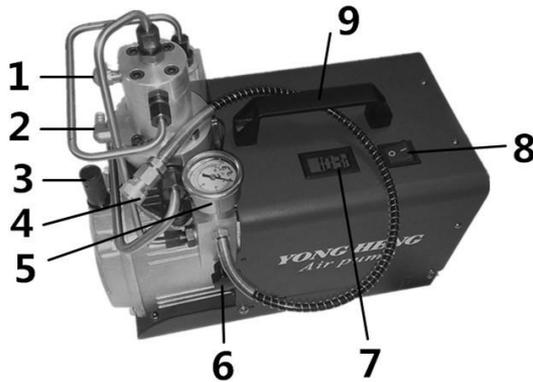
9、 When it is used for inflating slightly larger container, the cooling water should be changed every 30 minutes, in this way, the cylinder temperature could be better controlled.

10、 The machine oil should be checked regularly, make sure the oil level is above the upper edge of the red point. If color of machine oil becomes dark and black, it should be changed in time.

(46# anti-wear hydraulic oil of the national standard is recommended)

Product specifications	
Brand: YONGHENG	Type: YH-QB01
Power supply: 220V/50Hz	Power: 1.8KW
Rotating speed: 2800r/min	Working pressure: 0-30Mpa
lubricating system: splash type	Cooling mode: water cooled
length*width*height: 360*180*370	Weight: 15.8kg
Compress mode: two-stage compression	Noise: 85db

Graphic introduction



- 1: water outlet 2: water inlet 3:
breathing nozzle 4: hose female 5: pressure
meter 6: pressure relief screw 7:
thermometer 8: switch on 9: hand shank

Operation instruction

1、 Take out the product; install the
hose at the air outlet.

Note: gasket is needed, or air leakage
might exist.

2、 Connect 2 cold water pipes and connect them to the water pump.

Note: the lower pipe connected to the water pump is water inlet; sinking pump is used in this product. The water pump should be immersed in water for using.

3、 Install the pressure relief valve screw; pressure relief valve screw is installed at the pressure relief hole under the hose. The blow-down valve is installed at the drain outlet of the first air chamber block.

4、 Immerse the water pump in water and switch on the power.

5、 Connect the container need to be inflated, make sure the connection is correct.

6、 Screw up the screws of the blow-down valve and pressure relief valve.

7、 Switch on the power ant the machine operates.

Note: when the machine is operating, the water must operate correspondingly, or the product might be damaged due to overheated, personal harm may even occur.

8、 After the inflation is completed, screw of the pressure relief valve should be firstly loosen, then the power is to be switched off, by doing so, high pressure air backlash caused due to sudden failure of power supply would be avoided, which could lengthen lifetime of the product, as well as discharge high pressure air in the machine.

