

Specification for HKC100 and HKC200

1. Technology

1.1 Introduction:

HKC system is a kind of hydrogen fuel saver kits mounted on cars, trucks, ships etc. for engine completely combustion and engine power increased, fuel economy rising up and carbon emissions reduced. In general, the diesel or petrol type of engine mounted with HHO kits can save fuel up to 20% and LPG type of engine can fuel saving up to 40%.

1.2 Specification

Model	HKC100
Type	industrial type
AC voltage(V)	12V
Power consumption(kw/h)	0.35
Application	Suitable for 1.0-4.0 liters car, truck etc
Max water consumption(L/h)	0.06
Water feed	manual
Working time	about 24hours after adding water per time
Dimension-L*W*H(mm)	390*250*510mm
Gross weight(kg)	24

Model	HKC200
Type	industrial type
AC voltage(V)	24
Power consumption(kw/h)	0.7
Application	Suitable for 3.0-10 liters trucks, buses
Max water consumption(L/h)	0.11
Water feed	manual
Working time	about 10hours after adding water per time
Dimension-L*W*H(mm)	590*250*510
Gross weight(kg)	26

2. Installation Steps

After receiving new machine, please do electrolytic cell cleaning first. In order to lengthen machine lifetime, customer should use purified water or distilled water!

2.1 Installation device



1. BATTERY of car is install in the engine room



2. Electric switch install in the driver room



3. HHO generator and DC TO AC inverter is install in the luggage room of the car

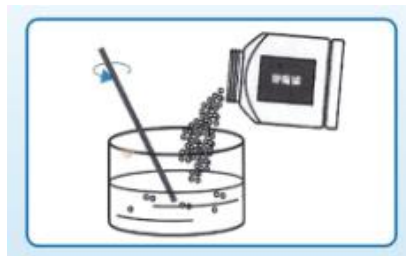


4. HHO gas pipe insert into the air inlet.

2.2 Dissolve Electrolytic Powder

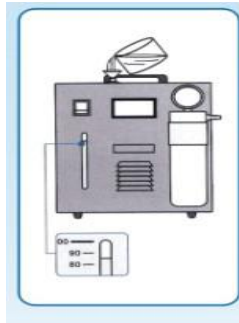
Please use pure water or distilled water! The ratio of electrolytic powder and water is 1:4

Model	Electrolytic Powder	Water	Total
HKC100	0.25	1Kg	1.25Kg
HKC200	0.5kg	2Kg	2.5Kg



3.2 Add Electrolytic Solution from water cap

- 1) Open water cap (on the top of machine) to add electrolytic liquid into the machine



3. Operation steps

- 1) Start the car.
- 2) Turn on the power switch on the red wire.
- 3) Turn on the power switch on the HHO generator.
- 4) Turn off the power switch, then flame out the car.

4. Advantages:

- 1).Fuel saving;
- 2).Cost effective;
- 3).Engine power improved;
- 4).Lower carbon deposits;

5. Notice and Maintenance

1) Customer should add water in time. If water level drops to 50%, need to add water (no need to add electrolytic powder)

2) Advice customer to clean the electrolytic cell and replacing new electrolytic solution completely every 6 months.

Especially when customer finds below conditions, customer must change electrolysis liquid.

A. Current display is less than before;

B. Gas output becomes small compared with before.

After using three months, old electrolytic liquid may become dark, dirty or loss some effectiveness. When change new electrolytic liquid, customer should turn over the machine, drain out old liquid, clean the machine with pure water. After cleaning, add new electrolytic liquid again.

3) Before add water or replace new electrolytic liquid or add filter solvent and etc, customer should firstly shut down machine, then discharge the gas inside till the pressure gauge shows pressure is 0Mpa, close the valve. (Don't do above things when machine is still working).