

The essential requirements should conform to the Regulation (EU) 2016 / 425 of the European Parliament and of the Council on personal protective equipment (snorkeling standard NF EN 1972 and standard masks NF EN 16805)

In 15minutes ,the exposure limit is 3 % which is a value never can be exceeded . Moreover , with the increasing concentration of carbon dioxide, the influence on health is getting greater. At 4%, your breathing rate is accelerating , tremors and sweating may occur at 10 % and you may suddenly lose consciousness at 15%.

HJKB-K2



Other Styles



The amount of CO₂ contains in HJKB is 1 /40 of the value specified by European regulations

Exposure effects to carbon dioxide

Low level Exposure

350–450 ppm : Typical outdoor concentration

350–1000 ppm : Air fresh , and smooth breathing

> 1000 ppm : Increase in drowsiness , tiredness, headache and a common discomfort

High Level Exposure

3000 ppm : Breathing increases to twice normal rate, and a person would experience impaired hearing , headache, and increased blood pressure .

5000 ppm : Breathing increases to approximately four times normal rate , symptoms of intoxication become evident and slight choking may be felt.

7500 ppm : A sharp odor is noticeable . at this level a person would experience very labored breathing, headache, visual impairment, and ringing in the ears , judgment may be impaired , followed within minutes by loss of consciousness.

> 10000 ppm : Unconsciousness occurs rapidly , eventually result in death from asphyxiation.