



Hypoxic Gym Room

Welltech's Altitude control system is to integrated with any room(s) for altitude control up to 3500m (13% O₂) or 5000m(11% O₂) as option.

Welltech's altitude control system

- Safe in design
- Easy in operation
- Good in quality
- Reliable & flexible

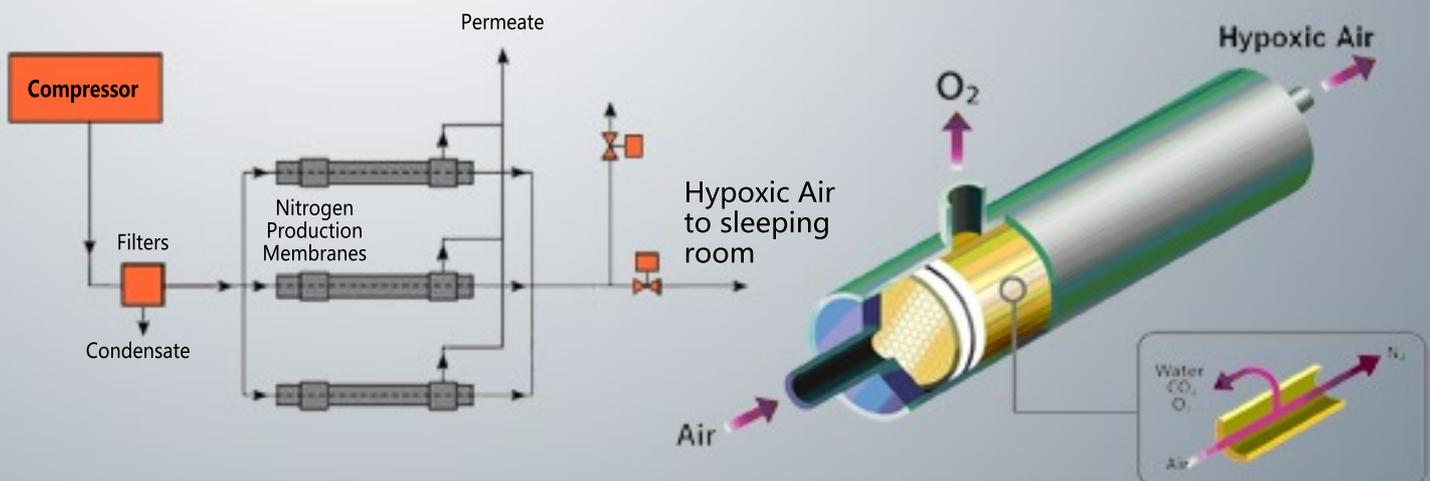
Welltech's altitude control system is combined by two main parts.

- Control system (user friendly LCD touch screen controller), sensor*
- Hypoxic air generation system*

Theory – how to generate the hypoxic air

Hypoxic Modules

The hypoxic modules is the spirit to generate the hypoxic air to the room(s). Inside the hypoxic modules , the high pressure air passing through the hollow fiber membrane so that the smaller oxygen molecules are separated and leaving a higher concentration of nitrogen (hypoxic air) out. The hypoxic air is purged into the room(s) which is controlled by the non-drifted oxygen sensor.



Advantage of hypoxic Gym room

- Hypoxic training
- Enhance athletic performance, improves recovery, prepare people fro trips to high altitude and supports general health
- Rehabilitation
- Body refreshment – enhance blood carrying oxygen ability



Altitude control system consists of

- LCD touch screen controller
 - programming control & scheduling setting
- Sensing system
 - O2, CO2, Temperature and Humidity display
- Data storage system
- Gas flow control system
- Safety override system
- Alarm system



Hypoxic air generation system consists of

- Hypoxic modules (Fiber membrane column)
- Air compressor
- Dryer
- Air filtering system

