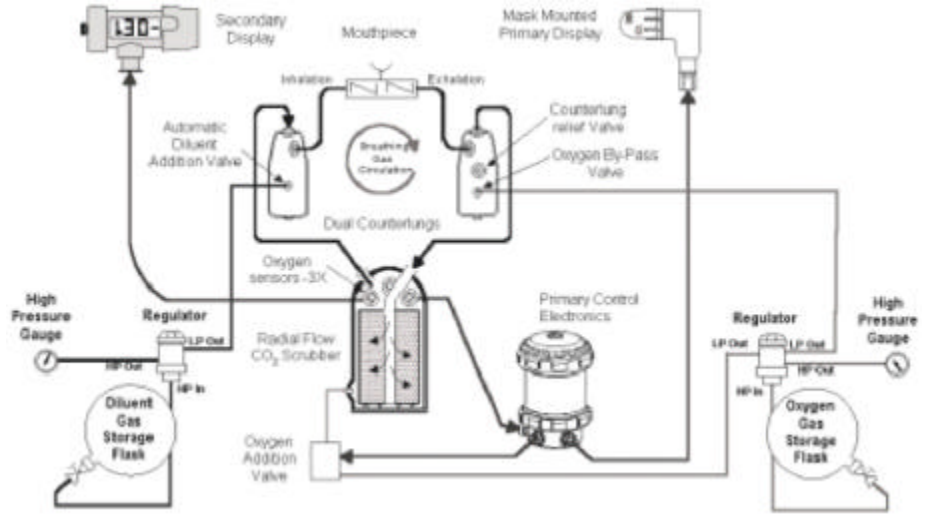


## Underwater Mine Countermeasures (MCM) Diving Apparatus

- Closed-circuit mixed gas operation.
- 4 Hour dive operation at 0 °C
- Diver Maintainable.
- 100 MSW depth
- Low Profile

### Features:

- Fully closed-circuit breathing loop yields most efficient use of gas.
- Electronic controller automatically mixes breathing gas to a constant PPO<sub>2</sub>
- Two completely independent monitoring systems
- Low magnetic and acoustic signatures for MCM and EOD operations
- Bubbleless operation and long dive duration are ideal for special operations.
- Manual bypass system allows for completely manual operation
- Optional full-face mask



### Applications

The SIVA VIPER-E Mixed-Gas Underwater Breathing Apparatus is an electronically controlled, closed-circuit rebreather designed for use in MCM and covert operations. The unit incorporates the proven electronic design used by US, Australian and UK navies.



Depth:	100 msw (330 fsw) maximum
CO <sub>2</sub> scrubbing capacity:	240 minutes moderate work rate
Bottle pressure:	200 bar (3000 psig)
Oxygen gas volume	585 litres (21 cu. Ft.)
Diluent	585 litres (21 cu. Ft.)
PPO <sub>2</sub> set point	0.75 ATA during operation from 0 to 10 msw 1.30 ATA during operation from 10 to 100 msw
Oxygen sensors	Triple redundant
Size:	Length 520 mm Width: 190 to 400 mm Depth: 190 mm
Weight:	24 kg, neutral in sea water
Battery duration	Primary 10 hr. Nominal Secondary 100 hr. Nominal



### Hyperbaric Technology B.V.

Blik 16 - 4941 SG - Raamsdonksveer - The Netherlands  
 ☎ +31 (0)162 522202 ☎ +31 (0)162 519069  
 ✉ hytech@hytech.nl 🌐 <http://www.hytech.nl>