

# SPARE AIR SPECIFICATIONS



- Max Capacity (300): 3.0 cu ft / 85 liters
- Max Capacity (170): 1.7 cu ft / 48 liters
- Diameter: 2.25" / 5.71 cm
- Max Pressure: 3000 psi / 200 bar
- Weight (300): 2.17 lb. / .985 kg
- Weight (170): 1.51 lb. / .687 kg
- Surface Breaths\*: 57 (300), 30 (170)

\*based on 1.6 liter breath size

*"Spare Air was found to be by far the most favorable method of getting to the surface in this simulated out-of-air emergency."*

- an independent study conducted by Penn State University



Refill your SPARE AIR in seconds off any full SCUBA tank using the refill adapter included with every package.



Photo by benjaigleis.com

So easy to use, simply put SPARE AIR in your mouth and breathe. NO knobs to turn, it's always on and ready to use.



For you or your buddy, SPARE AIR can easily be passed to a buddy without any risks. When you dive with SPARE AIR both you and your buddy are protected!

## Join the Ranks!

Over 250,000 discriminating divers like yourself have chosen SPARE AIR!

visit [SPAREAIR.COM](http://SPAREAIR.COM) for over 100 testimonials!

# SAFE DIVING CHECKLIST

- ☑ **Find A Good Buddy** - Invest time to find the best buddy, it could be one of the most important things you could do.
- ☑ **Be A Good Buddy** - At least 1 hour before your dive, practice your hand signals, discuss your dive plan, check your equipment thoroughly and practice out-of-air techniques.
- ☑ **Take Care Of Your Equipment And It Will Take Care Of You**
- ☑ **Diving Safety Is No Accident** - Carry safety equipment and practice using it!
- ☑ **Never Dive Deeper Than The Depth Of Your Experience**
- ☑ **Be Aware, Check Your Air**
- ☑ **Only Fools Stretch The Rules**
- ☑ **When In Doubt, Just Get Out**
- ☑ **Diving Education Doesn't End With Certifications** - Keep current on your diving skills, take a refresher course each year, read up on the latest techniques.

Source: Published articles in dive magazines



## SUBMERSIBLE SYSTEMS, INC.

THERE WHEN YOU NEED IT

18072 Gothard Street,  
Huntington Beach, CA 92648  
**(800) 648-DIVE** (800 648-3483)  
or (714) 842-6566

Available at your local dive shop or visit  
[www.spareair.com](http://www.spareair.com)



Photography by BeverlyFactor.com

Where is your next breath?

## WHY SPARE AIR?

### “I’d like to tell you WHY I invented SPARE AIR.”

- Larry Williamson, Inventor, Submersible Systems, Inc.

“One night I was lobster diving in the beautiful clear cool waters off the coast of Catalina Island. After a short time, I realized I had failed to check my air supply. As I went to check it, I took a breath and discovered there wasn’t one to be had. I panicked for a moment... got myself together and swam quickly toward the surface with the unnerving sense that it was too far away and I wouldn’t make it! In this rush for the precious air from above at the surface, I began to black out... my only thought was... *If I only had one more breath of air.*”

For days after this experience I would awake in a sweat during the night. Then I began to notice a recurring thought I had... it was the last word I recalled as I blacked out. *If I only had one more breath.* Why was this coming back to me over and over again? Was I given a second chance to live for a reason? Then it dawned on me. There are others that *didn’t, don’t or won’t make it...* There are others blacking out and never waking up... if they only had one more breath of air.

So the story ends with the present. SPARE AIR was born, and out of it my commitment to educate the world about preventable drowning and safe diving. I feel diving is safe, but it can and should be made safer. Read on to see how you can join the quest and become a part of the story of SPARE AIR.”

Photography by Stephen Frink



*Over 250,000 pieces of life support equipment have been recalled in the last 30 years.*

In the last 2 years alone there have been 90,000 pieces of life support equipment recalled.

Source: U.S. Consumer Product Safety Commission

## WHY NOW?

### Because Sharing Air Is NOT the Solution!

Dive magazines have been discussing the pitfalls of sharing air for years. But don’t take our word for it, read for yourself. It could save your life!

Dive Training, October 2000: *Waiting to Inhale* by Robert Rossier

“...Regardless of whom you’re diving with, real friends may be hard to find when you’re out of air at 100 feet...”

Scuba Diving, February 2007: *Got Air?* by Bill Kendig

“In an out-of-air emergency there are really only two things that matter - your next breath, and where it’s coming from... Where exactly is your buddy? Does he have enough air for the both of you? Clocks ticking...”

visit [SPAREAIR.COM](http://SPAREAIR.COM) for more magazine excerpts!

visit [SPAREAIR.COM](http://SPAREAIR.COM) for a dealer near you!

## WHY ME?

### Do You Know The 21 Ways Divers Run Out of Air?

- 1 Forgetting to watch the time and staying down too long
- 2 Using air quicker than planned due to overshooting depth, getting caught in a current, getting lost, nitrogen narcosis, diving in cold water and getting caught in kelp or fishing line
- 3 Sudden Regulator malfunction due to corrosion or too much time between overhaul
- 4 O-ring failure on any of the First Stage Regulator ports
- 5 Regulator stuck in “free-flow” due to foreign particles or sand
- 6 Regulator freezing up in cold water leaving you suddenly without air
- 7 Stuck Pressure Gauge reflecting incorrect pressure in your Tank
- 8 Air cut off due to Tank Valve not turned on all the way
- 9 Rupture of SCUBA Tank O-ring due to misalignment or wear
- 10 Second Stage Regulator Diaphragm develops a tear or slips out of place
- 11 O-ring failure on BC Air Inflator or Valve stuck in the open position
- 12 Burst Disc failure on SCUBA Tank Valve due to corrosion or age
- 13 Clogged Filter on First Stage Regulator due to sediment or rust from Tank
- 14 Leak develops at any one of the High or Low Pressure Hose fittings
- 15 Mouthpiece on Second Stage suddenly coming off Regulator
- 16 O-ring failure on Pressure Gauge
- 17 Rupture of either High or Low Pressure Hoses
- 18 O-ring failure on Octopus Regulator
- 19 Rental Tank not filled completely
- 20 Damaged First Stage Regulator due to falling object or impact
- 21 High or Low Pressure Hose cut or severed on sharp rock or impediment

Source: Dive accident logs, published articles in dive magazines, and letters from SPARE AIR customers.

visit [SPAREAIR.COM](http://SPAREAIR.COM) for more diver resources!