



Superior Subsurface Aeration  
Optimal Moisture Removal

**Incredible Results**



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OUR STORY



**PROVEN RESULTS:**  
NOTHING IS MORE COMPELLING  
THAN **BLUE SKIES** AND **IMPECCABLE GREENS.**

**SubAir is THE DEVELOPER of subsurface aeration, moisture and temperature control systems.**

We are the only United States manufacturer that customizes a system that actively moves air in both directions to help remove water and waste gases from the golf greens.



## An Optimal Growing Environment for **Deep Rooted, Resilient, Healthy Green Grass**

The concept of creating, controlling and maintaining subsurface soil conditions was the driving force of SubAir Systems developers. A green tucked under a canopy of trees was challenged by poor air circulation and trapped moisture. SubAir's founders engineered, built and perfected the first subsurface system to deliver air, remove the water and moderate temperatures in the root growth zone to grow stronger healthy grass and produce a premium playing surface.

SubAir Systems is the **ONLY** United States manufacturer that builds a system that actively moves air in both directions to help remove excess water, and deliver fresh air to the root zone. Our team of golf experts, agronomists and engineers at SubAir Golf has earned near legendary status as **THE DEVELOPER** of subsurface aeration systems.

Since the beginning, our efforts continue to advance equipment operations and integrate technology to assist superintendents in growing the healthiest, most consistent greens regardless of climate. Our client list includes an impressive array of high profile national and international courses as well as an equally impressive list of local and regional courses committed to providing optimal course conditions.

# THE BENEFITS TO CLIENT



## Proven Results

What challenges the conditions of your greens – high traffic, age, bare spots, poor divot recovery, saturated spots days after rain?

SubAir Golf gets to the root of the matter. Taking control of the subsurface environment - the growth zone – to support ideal growing conditions that promotes vigorous root growth, improving grass health, density and color. As a part of daily course management, SubAir works along with irrigation, chemical and nutrient applications to nourish the growth of strong grass of all varieties. The results, a healthy, green, premium playing surface. Because every putt matters.

### Above the Surface

- ✓ Firm responsive greens that roll true
- ✓ Immediate removal of excessive moisture
- ✓ Faster recovery from mechanical aeration
- ✓ Increase turf recovery 50% faster, especially with a high volume of play
- ✓ Withstand high traffic at access points
- ✓ Ability to moderate green's firmness
- ✓ Extend the growing season by moderating seasonal temperature extremes

### Below the Surface

- ✓ Deliver fresh air to root zone
- ✓ Remove perched water in subsoil
- ✓ Remove waste gases from root zone
- ✓ Increase nutrient and chemical applications effectiveness
- ✓ Remove excess water from surface
- ✓ Stimulate microbial activity
- ✓ Moderate temperature extremes

Our agronomic and engineering experts developed technology capable of monitoring and responding to changing subsurface conditions to maximize turf performance. Operating in golf courses, sports fields and Olympic stadiums around the world, SubAir Systems has over 25 years in research, product innovation and technological development in sub-surface aeration and moisture control.



**Since 2009, SubAir has been the leader in subsurface aeration and moisture control.** Our inventors and developers tested and refined the equipment to begin a new turf management practice that sets the highest standards of golf green turf performance.

### 18 Hole Installations – UNITED STATES

- Quail Hollow Country Club
- East Lake Golf Club
- Winged Foot Golf Club
- Sage Valley Golf Club
- TPC Potomac at Avenel Farms
- Congressional Country Club
- Bellerive Country Club
- Fallen Oak Golf Club
- Wade Hampton Club
- Charlotte Country Club
- Mountain Top Golf & Lake Club
- Dallas Country Club
- Northwood Club
- Madison Club

### 18 Hole Installations – INTERNATIONAL

- Singapore Island Country Club  
*Singapore 2019-2020*
- Royal Auckland and Grange Golf Club  
*Auckland, New Zealand 2019-2020*
- Oslo Golf Club  
*Oslo, Norway*
- Gleneagles Centenary Course  
*Perthshire, Scotland*
- Sentosa Golf Club  
*Singapore*
- Jack Nicklaus Golf Club Korea  
*South Korea*
- Wentworth Golf Club  
*London, UK*
- Golf Club de Geneve  
*Switzerland*
- Anyang Golf Club  
*South Korea*
- Sentosa Golf Club  
*Singapore*
- Golf Club de Geneve  
*Geneva, Switzerland*

### THE HISTORY OF SUBAIR®



*This first test was to determine that air would move easily through the soil mix of a USGA green and also that the pressure blower was capable of providing enough air.*

*A special pressure blower was procured after extensive research and investigation with numerous fan manufacturers.*

*The blower was delivered to Augusta and attached to the test box.*

*Marsh and I are holding our hands on the plastic cover which inflated when we turned on the blower. It was quiet and powerful. Later, we proved that it would be able to provide more than enough air for any installation we chose, whether it be a USA green or a huge playing field built with the same consistency of a USGA green.*

**DAVE FERRIS, 10 May 1994,**  
*The Development of the SubAir™ System*

### PGA Tournament Venues





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