



Whitten's history of unique design advancements, industry firsts, and our commitment to the highest engineering standards assures that Whitten® Bulkheads continue to be the recognized leader in performance and function.

MOVABLE POOL DIVIDERS (BULKHEADS)



- **Create Multiple Course Lengths**

- **Maximize Programmability**

- **Quick and Easy Mobility**

- **Stainless Construction with Slip-Resistant, Energy-Absorbing, PVC Grating**

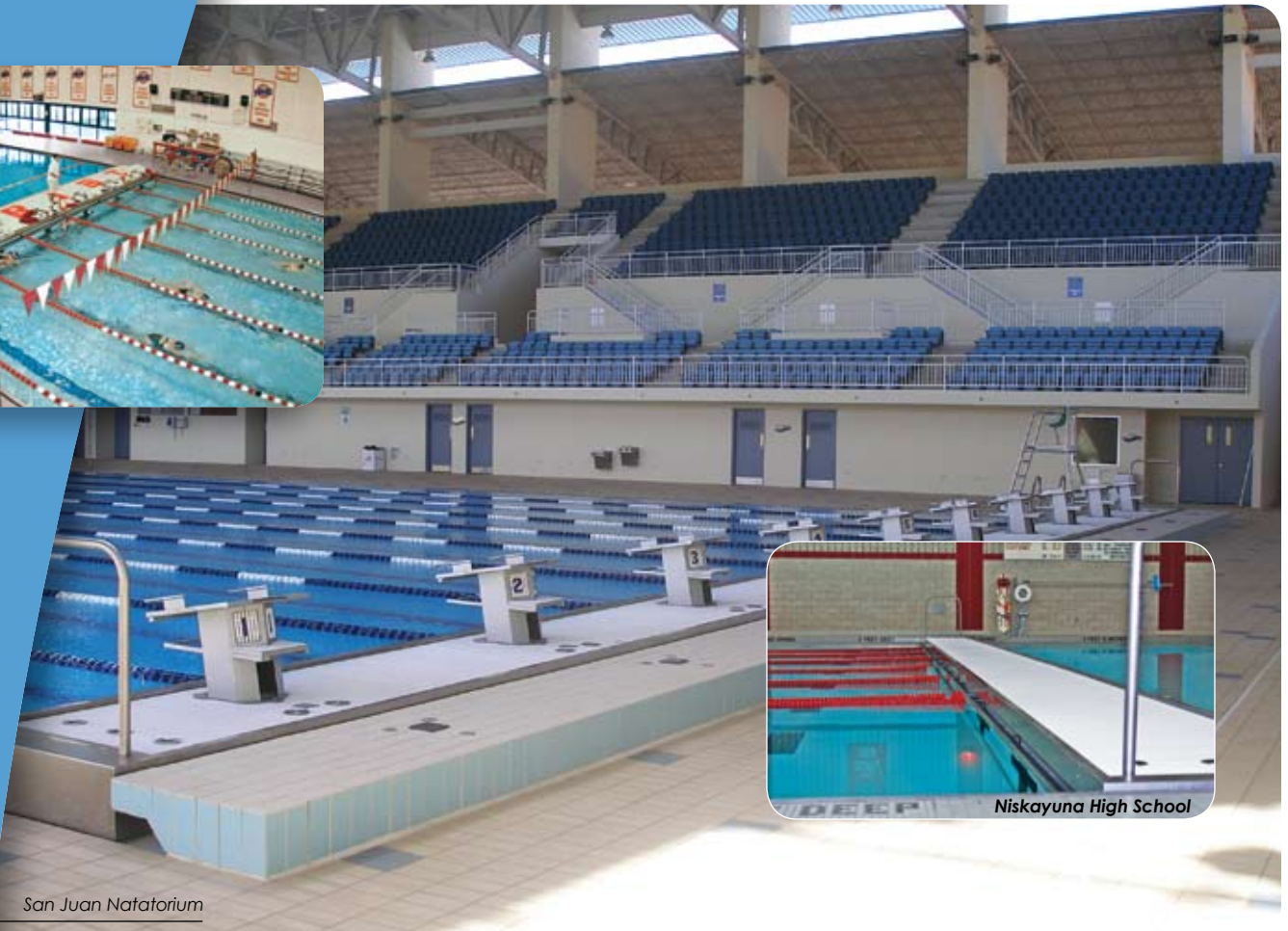


**AQUATIC
DEVELOPMENT
GROUP, INC.**

CHOOSING A BULKHEAD



Marist College



San Juan Natatorium



Niskayuna High School

A pool divider, or bulkhead, must be compatible in size, profile and performance with the pool, its potential users, and the intended programs of the aquatic facility. It must meet the requirements of health and safety codes, along with the facility's curriculum such as: competitive swimming, diving, polo, recreation, fitness, training or therapy.

Each model offers configuration and sizing options and accessories. This allows the pool designer to customize the pool divider to suit the facility and its aquatic programming.

Whitten® offers the following four pool divider models:

- 1) **Horizontal Travel** - Variable Buoyancy
- 2) **Vertical Travel** - Variable Buoyancy
- 3) **Removable** - Horizontal Travel
Variable Buoyancy
- 4) **Stationary** - Flow-Through Partition Divider

Aquatic programs to consider:

- **Competition and Training**
- **Water Polo**
- **Multi-Purpose/Learn-to-Swim**
- **Recreational**
- **Therapy and Rehabilitation**

Stainless Steel Pool Dividers

Whitten® installed its first stainless steel swimming pool bulkhead in 1970. Because this new product did not fit the published definitions of "bulkhead" (i.e., dam or breakwater used to hold back water), it was called the Whitten® Movable Pool Divider with the model name of UnibrIDGE.

Essentially the same basic technology that went into that first UnibrIDGE is still what sets Whitten® Movable Pool Dividers apart from the competition to this very day.

Ease of Movement

The innovative design of a Whitten® Bulkhead allows water to flow through the unit from top to bottom and wall to wall permitting easy movement through the water. It consists of an engineered all-stainless modular truss, wave deflector waterline handgrip and internals that off-load a portion of the divider's weight. Stainless steel carriages at each end of the pool divider transfer the load of the unit onto the stainless steel handgrip of the gutter system, or to the pool deck. Relocating the movable divider, over the entire length of the pool, is easily and quickly accomplished from the pool deck by two people.

Competitive Advantages

Along with providing easy relocation of these large units, the energy-absorbing, flow-through design of a Whitten® Movable Pool Divider is also well known for the quiet water surface it provides. At competition course end-walls, the swimmer's bow wave continues to flow through the bulkhead, rather than rebounding (as is the case with solid surface fiberglass bulkheads), causing time-slowng turbulence that bounces back into the swimmer's lane.



Skidmore College



Asphalt Green Center

Variable-Flotation Stainless Steel Pool Dividers

The construction of mega-pools has created new challenges for engineers and designers of movable bulkheads. Units are growing longer (up to 25 meters), deeper and wider. Competitive use tolerances dictate that the divider, regardless of length, cannot vertically or laterally distort from perpendicular to the race course when all (8-10) stainless steel racing lane lines are in place and tensioned, and when (8-10) swimmers leave the starting platforms mounted on top of the bulkhead.

The Whitten® **Variable Buoyancy Movable Pool Divider** was developed specifically to meet these requirements.

The pre-engineered pneumatic system of this unit provides the quick and efficient relocation response necessary to accommodate the varying programs of today's tightly scheduled aquatic facilities. Truss assemblies, flotation elements, and hardware are entirely of T-304L low carbon stainless steel. Exterior surfaces are covered with slip-resistant PVC grating.



West Point Military Academy

Vertical-Rising Pool Dividers

Development and testing began on a totally new swimming pool divider (bulkhead) in the mid-1980's. It was a concept talked about for more than a decade in the aquatic community: a pool divider that lowers into a pool bottom vault and rises vertically and precisely into its locking position.

Whitten® is proud to have developed the first **Vertical-Rising Pool Divider**. These units are especially effective for new or renovation projects and for facilities with space limitations that are eager for the program flexibility afforded with pool dividers (bulkheads). The vertical application is excellent for pools with a configuration that precludes the use of conventional, horizontal-moving units, such as recreational wave pools.

As with each of our models, Whitten® Vertical-Rising Pool Dividers ensure dependability and ease of movement.



Movable Swimming Pool Dividers - Representative Installations

- | | |
|--|--------------------------------------|
| • Arizona State University - Tempe, AZ | Variable Buoyancy, Horizontal Travel |
| • Asphalt Green Center - New York, NY | Variable Buoyancy, Horizontal Travel |
| • Bates College - Lewiston, ME | Fixed, Preset Buoyancy |
| • Indiana University (Purdue) - Indianapolis, IN | Fixed Buoyancy, Horizontal Travel |
| • Lake Forest High School - Lake Forest, IL | Variable Buoyancy, Horizontal Travel |
| • Lake Havasu - Lake Havasu, AZ | Variable Buoyancy, Vertical Travel |
| • Lehman College - Bronx, NY | Variable Buoyancy, Horizontal Travel |
| • London Aquatic Center - London, Ontario | Variable Buoyancy, Horizontal Travel |
| • Marist College - Poughkeepsie, NY | Horizontal Travel |
| • McClintock Park - Tempe, AZ | Variable Buoyancy, Vertical Travel |
| • Northeastern University - Boston, MA | Fixed Buoyancy, Horizontal Travel |
| • Rockford High School - Rockford, MI | Variable Buoyancy, Horizontal Travel |
| • Rutgers University - New Brunswick, NJ | Variable Buoyancy, Horizontal Travel |
| • SCU - Los Angeles, CA 1984 World Olympic Games | Horizontal Travel |
| • Skidmore College - Saratoga Springs, NY | Horizontal Travel |
| • Springfield College - Springfield, MA | Fixed Buoyancy, Horizontal Travel |
| • Toronto University - Toronto, Ontario | Fixed Buoyancy, Horizontal Travel |
| • University of Georgia - Athens, GA | Variable Buoyancy, Horizontal Travel |
| • U.S. Olympic Training Center - Colorado Springs, CO | Variable Buoyancy, Horizontal Travel |
| • Vassar College - Poughkeepsie, NY | Fixed Buoyancy |
| • War Memorial Park - Maui, HI | Variable Buoyancy, Removable |
| • West Point Military Academy - West Point, NY | Vertical Travel |
| • Wheat Ridge Municipal Pool - Wheat Ridge, CO | Fixed, Preset Buoyancy |

ONE FACILITY • ONE INVESTMENT • COUNTLESS OPTIONS

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