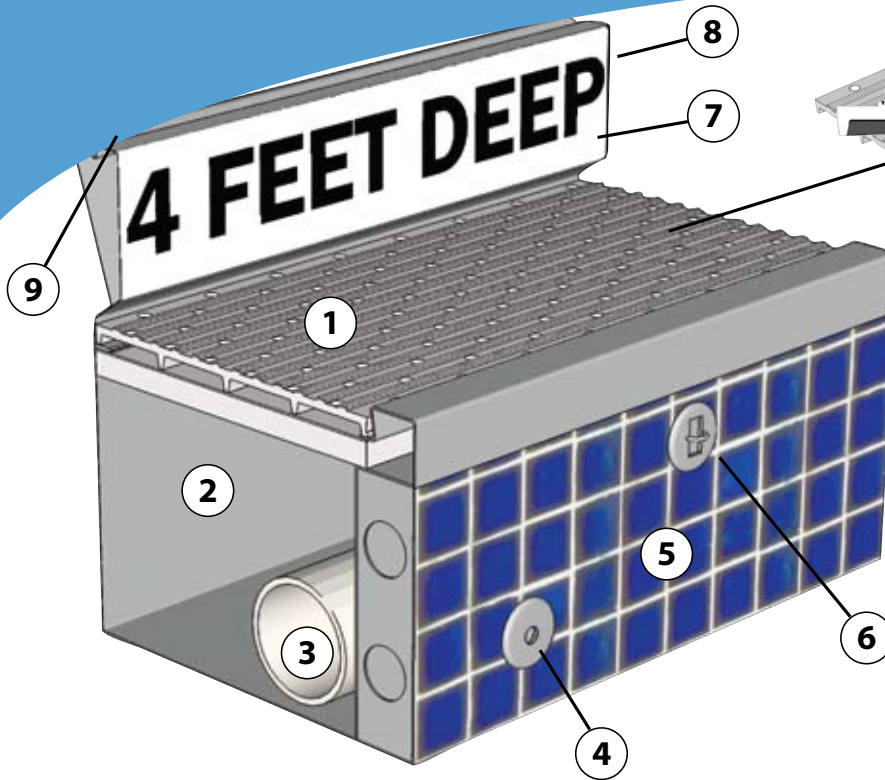


UNIFLOW II



Whitten® Uni-Grate PVC Solid Core

Whitten® Recirculation Components

1. Slip-resistant, extruded PVC Uni-Grate
2. Primary overflow channel
3. Filtered water return conduit
4. Filtered water inlet nozzle
5. Optional marcite plaster, paint or ceramic tile surface
6. Retractable lane line anchor
7. Stainless steel or tiled backsplash
8. Depth marker
9. Optional integral deck drain



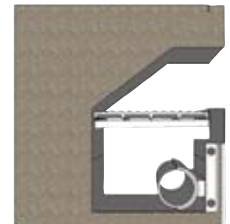
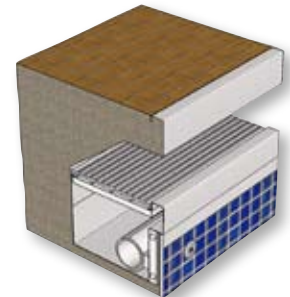
Semi-Recessed with S/S Backsplash

A traditional configuration, this style accommodates easy ingress and egress by means of the step it creates, which can also serve as a seat in the case of instruction or for simple recreation. In addition, the 6" of freeboard provided, minimizes the amount of water splashed onto the pool deck.



Semi-Recessed with Concrete/Tile Backsplash

This option acts exactly the same as the regular stainless steel backsplash option but it allows for a concrete deck to be poured and tiles up to the back of the gutter thereby minimizing the amount of exposed stainless for those who prefer the look of a tile finish.



Fully Recessed with S/S Backsplash

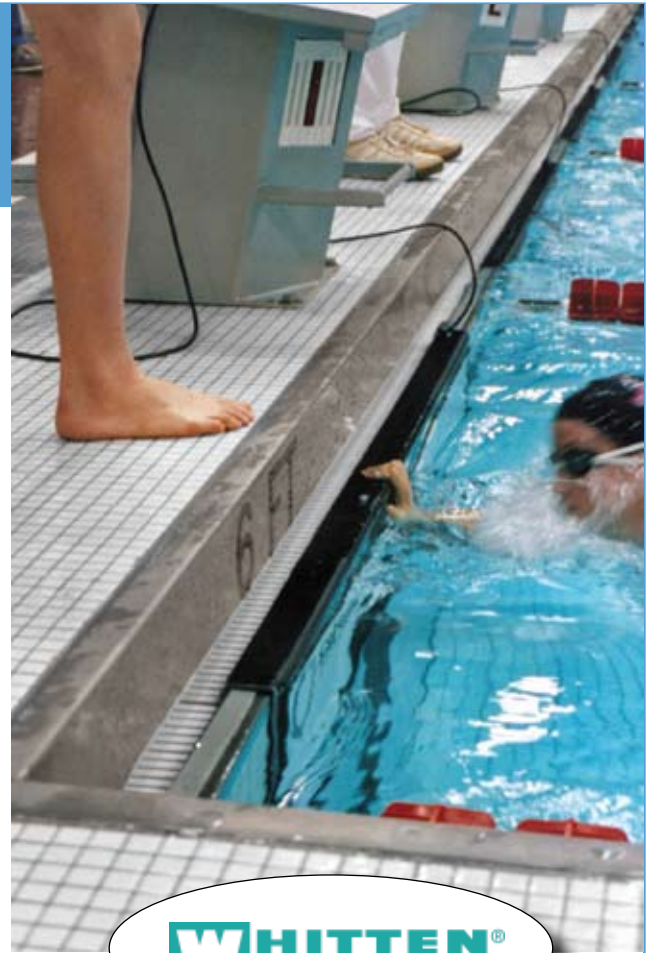
Generally incorporated into high competition pools looking to maximize wave water retention. The top portion of this configuration also helps to swallow the waves as they enter the gutter area to provide a "fast" pool for competition (refer to the shortcomings of any passive system attempting to combat dynamic surge in the SRS portion of this brochure). As with the competition end wall, this configuration also provides swimmers and easily identified visual target.

GUTTER DETAILS

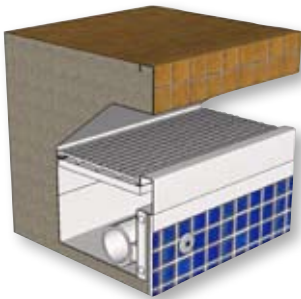
Whitten® Uniflow II

Key Points: Economic Advantages

Provides a true “pipeless” perimeter. A properly sized Uniflow II gutter requires single supply and collection connection points with a very short run of piping to the mechanical system. With a piping chase located under the pool deck, there is no buried perimeter piping. The elimination of buried piping significantly reduces pool construction costs while eliminating future problems and expense associated with piping repairs. A standardized Uniflow II gutter channel design allows for fast and efficient manufacturing, resulting in our ability to provide custom engineered gutters at a cost equal to or less than the industry's typically under designed stock systems. A gutter should be capable of flows in excess of 125% of the pools recirculation rate in a guaranteed non-flooded condition. The elimination of the extensive forming required to construct conventional concrete gutter systems means that the owner can receive the performance benefits associated with large concrete gutters, all while eliminating the cost of installing hundreds if not thousands of feet of troublesome buried piping. The installation of a Whitten® Uniflow II gutter requires no field welded stainless steel filtered water supply conduits. This results in a total elimination of potential crevice corrosion problems, the bane of stainless steel gutter systems over the years. With its unique PVC supply conduit housed inside the gutter trough, the supply conduit is never subjected to fatigue failure and replacement due to corrosion within the filtered water conduit. With proper estimating techniques, a Whitten® Uniflow II system may be installed at a lower cost than any conventional concrete gutter and buried supply system.

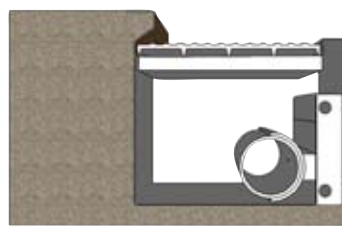
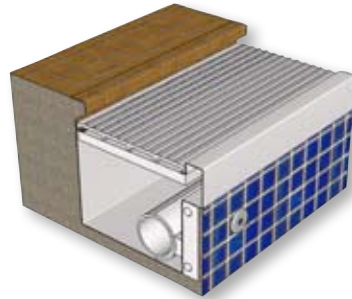


WHITTEN®



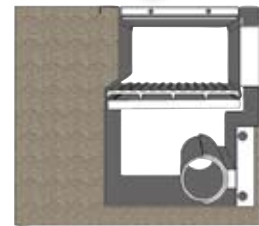
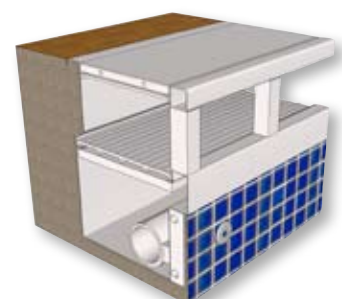
Fully Recessed with Concrete/Tile Backsplash

As with the semi-recessed concrete backsplash, this option is designed to provide all the benefits of a stainless steel competition pool gutter system with a minimum of exposed stainless steel.



Roll-Out with Concrete/Tile Backsplash

Common to therapy pools, but often used in recreational or learn-to-swim environments, this configuration allows for the easiest pool access. Often utilized in conjunction with a movable pool floor, therapists and their patients can easily move from the pool deck onto the floor with minimum effort or the need for special lifts or costly, space consuming ramps. The 2" or less of freeboard is meant to provide a limited amount of splash out protection.



Competition End Wall

Used in combination with a standard semi-recessed configuration this option is often selected by pools designed for competitive swimming. The purpose of the competition end wall is to provide a visual target at the edge of the pool that backstrokers can easily identify as either the end of the course or a turn.