# PERIMETER RECIRCULATION SYSTEMS

Engineered supply and return systems for swimming pools, water features and aquatic facilities.

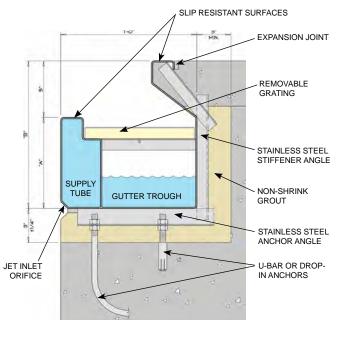


# **STAINLESS STEEL PERIMETER RECIRCULATION SYSTEMS**

#### Natare's stainless steel perimeter recirculation systems offer the functionality of a water supply and return system in a single gutter profile.

Natare gutter systems have an in-pool surge storage system, eliminating the need for additional surge storage tanks. They also don't require additional piping or plumbing, making them the ideal solution for fast and efficient construction or renovation.

Stainless steel prevents the tiling, coping and frequent maintenance inherent in traditional gutter systems. With Natare gutter systems, repair costs from leaky pipes, ground movement and settling are a thing of the past, virtually eliminating repair costs.



Perimeter V-Series Semi-Recessed Gutter Detail

#### A Guaranteed Cleaner Pool

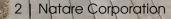
The water's surface is where over 80 percent of a pool's dirt, oils and suspended material collect.

Natare's stainless steel perimeter systems allow optimal surface skimming which cannot be achieved with traditional skimmers or conventional swimming pool gutters.

Efficient, continuous surface skimming removes surface debris and keeps pool water clean.

### Natare Recirculation Gutter System Advantages:

- Efficient Water Movement Water moves efficiently throughout the gutter system providing balanced water distribution.
- Permanently Watertight All seams are TIG (Tungsten Inert Gas) welded an hydrostatically tested.
- Stainless Steel Construction • Natare uses a special 12-gauge type 304 (T304) low carbon stainless steel to resist corrosion and wear.





#### Grating

Gutters with perimeter grating are supplied with PVC ASTM-certified slipresistant I-Bar or T-Bar grating.

- Surge Control Our special in-pool surge storage eliminates the need for expensive surge control tanks.
- 10 Year Warranty Natare's warranty ensures your system will perform properly for years to come.

Natare Corporation

# **V-SERIES** Perimeter Recirculation system

#### Natare V Series Perimeter Overflow Systems

MultiFlo™ Perimeter Recirculating Systems offer a wide range of styles and configurations in a grating covered channel design. Capacities up to 1300 gpm are possible for standard configurations. Options and accessories are available to satisfy any design requirement.

Natare V Series<sup>™</sup> and MultiFlo<sup>™</sup> Series gutters are available in deck level (roll-out), semi-recessed, and fully recessed configurations.



Perfect for New Construction, Even Better for Renovation!



#### **Deck Level**

Ideal for a wide range of teaching and recreation activities.



#### Semi-Recessed

Ideal for a wide range of teaching and recreation activities.



#### **Fully Recessed**

An ideal configuration for a serious competition facility

# **"INTEGRITY" SERIES** PERIMETER RECIRCULATION SYSTEM

Natare "Integrity" series stainless steel swimming pool gutters are oversized to increase wave quelling capacity. This system provides water supply and return within a single, self-contained perimeter gutter profile.

Pre-engineered to be smooth and perfectly level around the pool perimeter, our proven state-ofthe-art designs combine gutter and plumbing functions. With a built-in trough, pressurized filtered water return and inlets, no additional piping or plumbing is required for water circulation. All Natare perimeter systems can be provided with an integral flange for an easy installation of a Natare pool lining.

## Cleaner Pools, Better Water

Natare's stainless steel perimeter systems allow optimal surface skimming which cannot be achieved with traditional skimmers or conventional swimming pool gutters.

The water's surface is where more than 80 percent of a pool's dirt, oils and suspended material collect. Natare's stainless steel perimeter systems allow optimal surface skimming which cannot be achieved with traditional skimmers or conventional gutters. Efficient, continuous surface skimming removes surface debris and keeps pool water clean.

# Perfect for New Construction, Even Better for Renovation!

Natare perimeter systems offer fast, cost-effective new construction and are the perfect solution for pool renovation.





# **ADDITIONAL FEATURES**

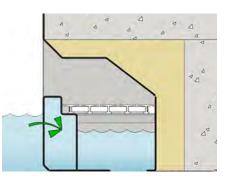
## NataFlo Perimeter Skimmers

Natare perimeter recirculating systems provide the precise level control that is so important for competitive swimming. Weirs maintain proper surface skimming and gutter flow in active recreational pools.

#### **Components & Equipment:**

- Stainless Steel Skimmer Trough: The skimmer trough is constructed out of heavy gauge stainless steel with a finish similar or equal to a #3 polished finish.
- **Stainless Steel Collector:** The skimmer collector stub shall be provided with a stainless steel extension ready for connection to the piping system.
- **Anchors:** Natare provides an optional anchoring system to be installed in the pool wall during construction
- Flow Proportioning Surface Skimmers: The weirs shall be equipped with an internal, fully automatic surge control device that operates hydrostatically, providing ample in-pool surge as the bather load increases.
- Operating Range: From 3/4 inch above to 1-5/8 inches below the lip of the skimmer





**Skimming Weir** - provide precise level control, and maintain proper surface skimming and gutter flow.



### Natare GPM Grating

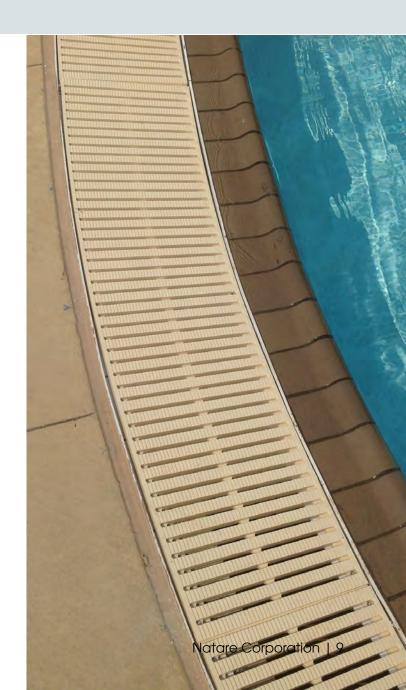
Our GPM grating is available on all of our perimeter gutter systems. GPM Grating is custom fabricated from a marine-grade polymer and is environmentally stabilized to withstand the harshest aquatic conditions.

It will not rot, discolor or delaminate and does not react with pool chemicals. Even repeated blows from a heavy hammer will not break GPM Grating. 10 year full replacement warranty.

GPM Grating's unique design has permanently machined flow control slots that allow for a fast flow of water through the grating. GPM Grating has an matte-textured slip-resistant finish to provide secure footing and hide scuffs and scratches. This low maintenance finish cleans easily and eliminates repair or refinishing due to weathering or deterioration.

### NataTread Slipresistant Surface

Our slip resistant surface is created using specialized tooling that does not penetrate the surface, but instead produces a pattern of small dimple-like projections or protrusions, similar to the surface on Braille name plates. The pattern is an extremely uniform and aesthetically pleasing surface that is also quite slip-resistant.



Manufactured to be smooth and perfectly level around the pool perimeter, our proven state-of-the-art designs combine gutter and plumbing functions necessary for a clean and well-circulated pool.

#### Natare Corporation

5905 West 74th Street | Indianapolis, IN 46278 | USA (800) 336-8828 | (317) 290-8828 | FAX (317) 290-9998 www.natare.com • natare@natare.com

