



PARAGON AQUATICS

Pentair Water

KDI Paragon

COMMERCIAL
SWIMMING
POOL
EQUIPMENT



Paragon Aquatics / Division of Pentair Water Pool and Spa, Inc.
1351 Route 55, LaGrangeville, NY 12540 USA
845-452-5500 • 888-KDI-SWIM • Fax: 845-452-5426
www.paragonaquatics.com

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Letter from the President

Dear Colleague,

We are very excited about our catalog. It exemplifies Paragon's leadership in our unique aquatics industry. But we don't take our formidable position for granted. We realize that we need to continue the commitment that has gotten us to this point and deliver total satisfaction through our outstanding line of swimming pool equipment and superior customer service. No matter how challenging or demanding your requirements, you can count on Paragon Aquatics' line of KDI Paragon Pool and Deck Equipment for a quick and consistent response, with the right product and support for a successful project.

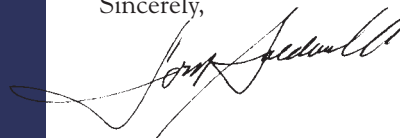
Paragon's leadership is built upon over 50 years as a manufacturer of commercial swimming pool equipment; a tradition of innovation and a working partnership with architects, engineers, distributors, contractors and installers.

In this spirit, our catalog indicates the range and scope of our current product line, including competitive starting platforms, lifeguard chairs, diving towers and stands, and a variety of other complementary equipment. We also provide special designs for unique equipment applications. Anchors and accessories are also available to complete the systems you need for total solutions.

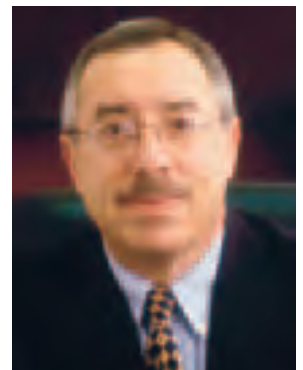
When you specify KDI Paragon you get a product made to order – to your specifications – built with the highest standards of quality.

For the entire Paragon Aquatics Team...

Sincerely,



Tom Saldarelli
President



Our mission is to provide the best quality products under the most rigid standards, on time and at competitive prices.

Dedication to our customers and the service they receive is of the utmost importance.

Our customers can expect:

Quality, trouble-free products.

Superb customer and technical support.

A positive and seamless experience from

Specification through installation.



Paragon Starting Platforms.

For competitive swimming,
there is no competition.

Internationally-acclaimed Paragon starting platforms are used in more competition pools than any other platform. They are widely used in FINA, NCAA, NFHS, USMS, and USAS events.

A combination of functional simplicity, contemporary design and unsurpassed workmanship, platforms are prime examples of Paragon's product superiority, as well as customer service beyond the norm. Their unique features help competitive swimmers improve training, technique and performance.

Each Paragon starting platform frame is a single weldment manufactured of high-grade stainless steel, polished and buffed to a 320 grit finish. All welds are electro-chemically passivated for maximum corrosion resistance. Each top is a solid sheet of 1-1/4" high density (UV Inhibited) polypropylene with a patent-pending, cross-grooved, non-skid, white sand finish.

And because Paragon platforms cannot absorb water, they will not warp, shrink, rot or crack.

They are virtually indestructible!



How to select the Paragon Starting Platform Model for your venue in 5 easy steps.

When choosing a starting platform, your first consideration should be (1) the size of the platform top. (Note: All ruling bodies call for a minimum of 20" x 20" starting platform tops.) Depending upon size (2), you have a choice of single (Paraflyte or Quickset Anchor) or dual legs. (3) Select the anchor style (Paraflyte, Quick Set or Competitor). (4) Then select color and graphics. (Standard sand finish is white) (5) Select the specific model.

1

SELECT TOP SIZE

Standard Size

(24" x 20")

Track Start Size

(32" x 24")

2

SELECT SINGLE OR DUAL



Single Leg or Dual Leg



Dual Leg Only

3

SELECT ANCHOR STYLE

Single Leg

Paraflyte

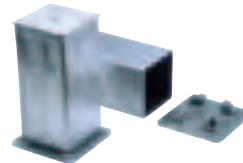
Quickset

Dual Leg

Competitor

Standard Paraflyte

Long Reach Paraflyte



Single Leg only. Bolt mounted. Tools required for installation of starting platform.

Single Leg. Taper lock. No tools required for installation of starting platform.

Dual Leg only. Taper lock. No tools required for installation of starting platform.

4

SELECT COLOR OR GRAPHICS OPTION

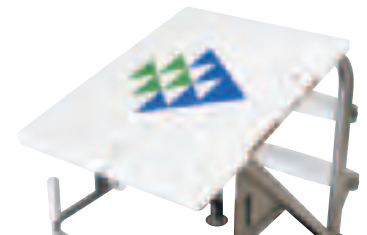
Colors

All Paragon Starting Platforms are available in any color in the Pantone Matching System. (Standard Sand Finish is White)



Graphics

Custom logos and numbering are available on all models.



5

SELECT MODEL NUMBER

Select Model

See pages 12 & 13 for How To Size and to view Platform Selector Charts. When choosing a model consider the specific requirements of applicable ruling bodies, e.g. FINA, NCAA, USAS, USMS, NFHS, as well as local, municipal and state statutes. If this selection does not meet your precise requirements, we will make something that does. Custom Platforms are our specialty.

Please see the following pages for remaining selection criteria.



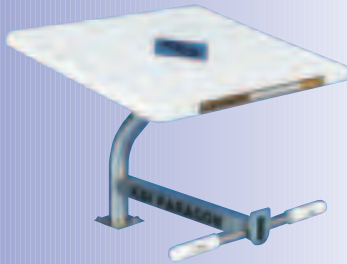
WARNING: Starting Platforms are to be used only by trained competitive swimmers. Only shallow racing dives should be executed. Impact with the pool bottom can cause serious injury. Please refer to applicable codes and regulations for your specific installation.



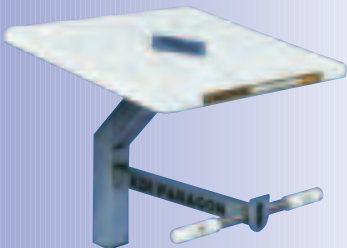
Full Height Single Leg

These platforms are designed to render the maximum allowable height above water. They are available in a variety of configurations to accommodate your specific facility requirements and come with your choice of two anchoring systems, Paraflyte or Quickset. All Full Height Single Leg platforms come with anchors. Platform top consists of a 1-1/4" thick UV inhibited 24"x 20" polypropylene top with patent-pending, cross-grooved, non-skid, white sand finish.

The Shortee Model is designed for pools where the deck-to-water dimension exceeds 12". The anchor setback ("B" dimension) is fixed at 18".



Shortee Model Paraflyte
Requires tools for installation and removal. Uses Paraflyte Anchor I.D. No. 22201
[Spec Sheet SP 10.57](#)



Shortee Model Quickset
Requires no tools for installation or removal. Uses Quickset Anchor I.D. No. 23301
[Spec Sheet SP 10.58](#)

The Classic Standard Model is designed to fit most pools. The anchor setback ("B" dimension) ranges from 21" to 26" depending upon platform height.



Classic Standard Paraflyte Full Height
Requires tools for installation and removal. Uses Paraflyte Anchor I.D. No. 22201
[Spec Sheet SP 10.51](#)



Classic Standard Quickset Full Height
Requires no tools for installation or removal. Uses Quickset Anchor I.D. No. 23301
[Spec Sheet SP 10.52](#)

The Long Reach Standard is designed for deck level pools with wide overflow gutter systems. The anchor setback ("B" dimension) is fixed at 34-1/2".



Long Reach Standard Paraflyte Full Height
Requires tools for installation and removal. Uses Paraflyte Anchor I.D. No. 22501
[Spec Sheet SP 10.53](#)



Long Reach Standard Quickset Full Height
Requires no tools for installation or removal. Uses Quickset Anchor I.D. No. 23301
[Spec Sheet SP 10.54](#)

The Florida standard model is designed to be set atop an elevated curb adjacent to the gutter. Such protective curbs are required by some states to keep out debris and runoff. The anchor setback ("B" dimension) is fixed at 18".



Florida Standard Paraflyte Full Height
Requires tools for installation and removal. Uses Paraflyte Anchor I.D. No. 22201
[Spec Sheet SP 10.55](#)



Florida Standard Quickset Full Height
Requires no tools for installation or removal. Uses Quickset Anchor I.D. No. 23301
[Spec Sheet SP 10.56](#)

Note: All platforms are furnished with a tilted top unless otherwise specified.

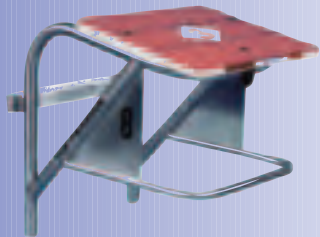


WARNING: Starting Platforms are to be used only by trained competitive swimmers. Only shallow racing dives should be executed. Impact with the pool bottom can cause serious injury. Please refer to applicable codes and regulations for your specific installation.

Full Height

Dual Leg (Competitor)

The Competitor platform (dual leg models) is our premier starting platform. This versatile design accommodates our standard tops (24" x 20") as well as our track start tops (32" x 24"). The competitor style platforms provide the ease of including our exciting graphics to your top. All Competitor anchor systems (patented) offer the feature of installing the platform without tools and come in two types of anchor assemblies, 6" Competitor (for anchor setbacks of under 30") or 10" Competitor (for anchor setbacks of over 30"). All starting platforms are provided with anchors unless otherwise specified. Platform top consists of a 1-1/4" thick UV inhibited polypropylene top with patent-pending, cross-grooved, non-skid, white sand finish. Colors and graphics are an option.



Long Reach

Standard Competitor (B = 20"-29-1/2")

Designed to accommodate most pool profiles. The anchor setback ("B" dimension) range is 20" to 29-1/2". Uses 6" Competitor Anchor

I.D. No. 23103

[Spec Sheet SP 10.60.1](#)



Long Reach

Standard Competitor (B = 30"-40")

For pools with wide overflow gutter systems. The anchor setback ("B" dimension) range is 30" to 40". Uses 10" Competitor Anchor

I.D. No. 23140

[Spec Sheet SP 10.60.2](#)

Our highly regarded Track Start Competitor Models (available in side step and rear mount) give swimmers an extra fast takeoff. The 32" x 24" top supports the "track-type" start now used by many competitive swimmers.



Track Start Competitor Side Step Full Height

The anchor setback ("B" dimension) is available at 18" or 24". Uses 6" Competitor Anchor I.D. No. 23103

[B= 18", A < 24 1/2" – Spec Sheet SP 10.60.3](#)

[B= 18", A > 24" – Spec Sheet SP 10.60.4](#)

[B= 24", A = 17"-31" – Spec Sheet SP 10.60.5](#)

Long Reach Track Start Competitor Rear Mount

The anchor setback ("B" dimension) is available from 36" to 40". Uses 10" Competitor Anchor I.D. No. 23140

[B= 36" - 40" – Spec Sheet SP 10.60.6](#)



Classic Standard Competitor

This Dual Leg design utilizes the standard size top (24" x 20") and offers the opportunity to add graphics. The anchor setback ("B" dimension) is fixed at 18". Uses 6" Competitor Anchor

I.D. No. 23103

[Spec Sheet SP 10.59](#)

Note: All platforms are furnished with a tilted top unless otherwise specified.



WARNING: Starting Platforms are to be used only by trained competitive swimmers. Only shallow racing dives should be executed. Impact with the pool bottom can cause serious injury. Please refer to applicable codes and regulations for your specific installation.

Low Height (Varsity)

Our varsity starting platform series was originally designed to accommodate the high school ruling of an allowable height above water in some venues of 18". This ruling has changed. However, the coaching community still utilizes this platform to render less than maximum height above water. All Low Height Varsity platforms include anchors with the exception of the Classic Standard and Long Reach Standard Paraflyte platforms. Platform top consists of a 1-1/4" thick UV inhibited 24"x 20" polypropylene top with patent-pending, cross-grooved, non-skid, white sand finish.

We recommend a mounting step be added when the "A" dimension is 15" or greater (at additional cost). Varsity models do not include a mounting step and must be specified at time of order.



PHOTO COURTESY OF SPEEDO

The Classic Standard Model is designed to fit most pools.



Varsity Classic Standard Paraflyte

The anchor setback ("B" dimension) is available at 14", 18", 21" or 26".

Uses Paraflyte Anchor
(not included) I.D. No. 22201

B = 21" or 26" – Spec Sheet SP 10.61

B = 14" or 18" – Spec Sheet SP 10.62

Varsity Standard Platform Optional Step – I.D. No 23950



Varsity Classic Standard Quickset

The anchor setback ("B" dimension) is available at 14", 18", 21" or 26".

Uses Quickset Anchor I.D. No. 23301

Spec Sheet SP 10.63

The Long Reach Standard is designed for deck level pools with wide overflow gutter systems.



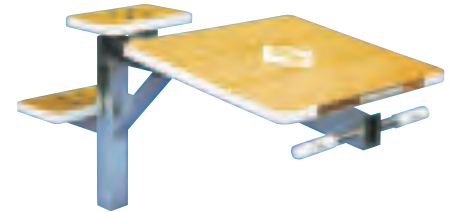
Varsity Long Reach Standard Paraflyte

The anchor setback ("B" dimension) is fixed at 34 1/2". Uses Long Reach Paraflyte Anchor

(not included) I.D. No. 22501

Spec Sheet SP 10.65

Varsity Long Reach Platform Optional Step – I.D. No 23951



Varsity Long Reach Standard Quickset

The anchor setback ("B" dimension) is fixed at 34 1/2". Uses Quickset Anchor

I.D. No. 23301

Spec Sheet SP 10.67

This dual leg design utilizes the standard size top and offers the opportunity to add graphics.



Varsity Standard Competitor

The anchor setback ("B" dimension) is fixed at 18". Uses 6" Competitor Anchor

I.D. No. 23103

Spec Sheet SP 10.69

Varsity Competitor Platform Optional Step – I.D. No 24090

Note: All platforms are furnished with a tilted top unless otherwise specified.

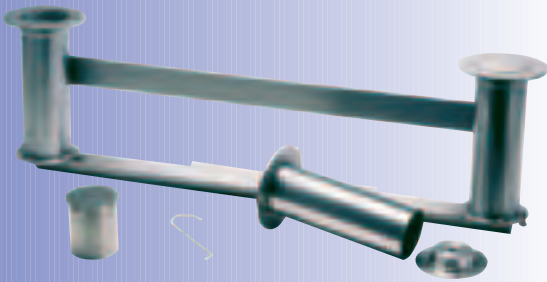


WARNING: Starting Platforms are to be used only by trained competitive swimmers. Only shallow racing dives should be executed. Impact with the pool bottom can cause serious injury. Please refer to applicable codes and regulations for your specific installation.

Starting Platform Anchors

Competitor Anchors (Patented)

All stainless steel with patented self-centering, taper lock base. Allows the platform to slip easily into the close-fitting sleeves while providing a secure setup. No tools required for installation or removal of the starting platform. Welded spacers are factory installed to ensure proper alignment with platforms.

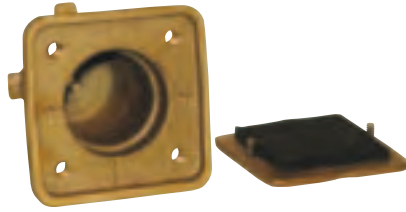


6" Competitor Anchor

This 6" deep anchor assembly is used on all Competitor starting platforms with an anchor setback ("B" dimension) of under 30".
I.D. No. 23103

10" Competitor Anchor

This 10" deep anchor assembly is used on all Competitor starting platforms with an anchor setback ("B" dimension) of 30" to 40".
I.D. No. 23140



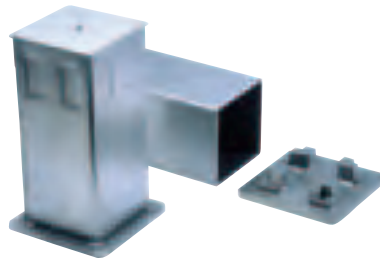
Paraflyte Anchor

Ideal for situations where the platform does not need to be removed from the pool deck. Single-legged starting platform is bolted to the cast bronze anchor requiring tools for installation and removal of the platform.
I.D. No. 22201



Long Reach Paraflyte Anchor

Designed for the Long Reach Standard Paraflyte single-legged platform. Attaches to the heavy-duty stainless steel anchor with four bolts and requires the use of tools for installation and removal of the platform.
I.D. No. 22501



Quickset® Anchor (Patented)

Allows for removal and installation of the platform from the anchor socket without the use of tools to permit safe storage and to prevent unauthorized use of the platforms. This stainless steel anchor features a self-centering, taper-lock base that allows a single-legged platform to slip easily into the close-fitting sleeve while providing a secure setup.
I.D. No. 23301

Quickset Anchors (pre-Taper-Lock style) can be easily upgraded with our retrofit taper-lock conversion kit.

I.D. No. 23301 INS



Safety Covers

Platform Safety Covers

Constructed of tough, light-weight plastic, covers prevent unauthorized use of platforms. Easy installation with bungee cord (included). Stack easily for storage. Comes in safety orange per ANSI standards.

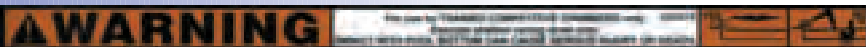
Platform Safety Labels

Be sure every starting platform is labeled to advise users of proper racing dive technique. Set of 2 labels for labeling back and side of platform top.
I.D. No. 22621



Track Start Safety Cover
fits 32" x 24" tops.
I.D. No. 23967

Standard Platform Safety
Cover fits 24" x 20" tops.
I.D. No. 23960



All platforms now come with molded-in safety label which cannot peel or be removed.

Customize your New Sandtop Starting Platforms

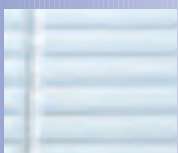
Colors



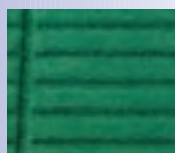
Red



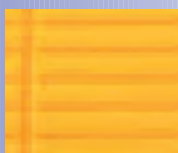
Blue



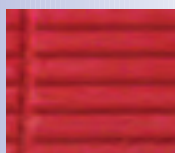
White



Green



Yellow



Cranberry



Black

Adding color is an option. We're able to match any color within a color-coding system such as the Pantone Color Matching System. Virtually all school colors are matchable.

Color Upgrade

I.D. No. 23990C (for color upgrade per unit)

Graphics

We have added this new and exciting feature. We are proud to present you with this custom item that will offer expanded design options (i.e., school or team logo). Paragon Aquatics is again leading the field with new and innovative products.



Custom Logo Upgrade

I.D. No. 23991 (I.D. No. for logo upgrade only)

Renew your existing Paragon Starting Platform Tops (and steps) with the new **sand finish**.



Send us your old style Paragon white polypropylene tops and steps and take advantage of our refinishing program. You'll get the most recent groove patterns as well as the sand finish surface for a great value. Adding color is also an option for refinished platforms for an additional cost.

Paragon platforms are widely used on FINA, NCAA, NFHS, USAS, and USMS competition pools.

Please contact us or your authorized Paragon Aquatics distributor.

Colorado Block[®] by Paragon

For competitive swimming venues, two companies have established their products as essential for accurate, problem-free racing. Paragon Aquatics and its unrivaled starting platforms; Colorado Time Systems and its relay judging platforms (RJP) and other components.

Now they're all combined in one outstanding product, the patented Colorado Block, the result of a collaboration between Colorado Time Systems and Paragon.

The RJP, mounts securely atop the Paragon platform with an exclusive system which does not require tools, providing the most accurate way by far to judge a swimmer's departure for starts and relay exchanges.

With the Colorado Block you can rely on accuracy to 1/100th of a second! The RJP portion of the block can decipher between weight shifts and actual starts.

The uniquely-engineered Colorado Block houses the connection plate, which protects the electronics from the harsh pool environment. Additionally, it enables the removal of the timing system without tools.

The Colorado Block is also a great training device. Swimmers can fine-tune their start reaction times and their relay exchanges.

As a leader in aquatics equipment, we've learned that sometimes two great companies are better than one.

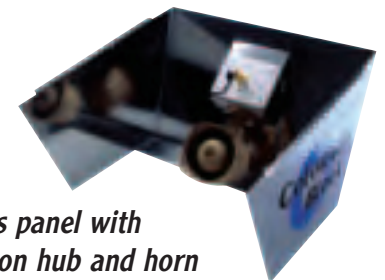


(Shown with FINA Backstroke Bars atop a Track Start Competitor Side Step Model)

Adapter Kit for Paragon Starting Platform Sponsor's panel of stainless steel fits on platform's slide brackets to display sponsor info, school logo, etc. Also includes horn and deck plate mounting bracketry. Panel slides open for easy access to horn and deck plate. It is removable from the starting platform without tools.

Included: hardware, quick connectors, instructions, drill bit for retrofits and sponsor's panel slide brackets. These are factory installed on the starting platforms or can be easily retrofitted for field upgrades.

- Track Start Side Step I.D. No. 22670D
- Long Reach Track Start Rear Mount I.D. No. 22671D
- Standard Competitor I.D. No. 22672D
- Long Reach Competitor I.D. No. 22673D
- Standard Paraflyte/Quickset I.D. No. 22674D



Sponsors panel with connection hub and horn



(Shown atop a Track Start Competitor Rear Mount Model)

Rear mount models available with plastic or stainless steel sponsor's panel.



WARNING: Starting Platforms are to be used only by trained competitive swimmers. Only shallow racing dives should be executed. Impact with the pool bottom can cause serious injury. Please refer to applicable codes and regulations for your specific installation.

How To Size Your Starting Platforms



PHOTO COURTESY OF SPEEDO

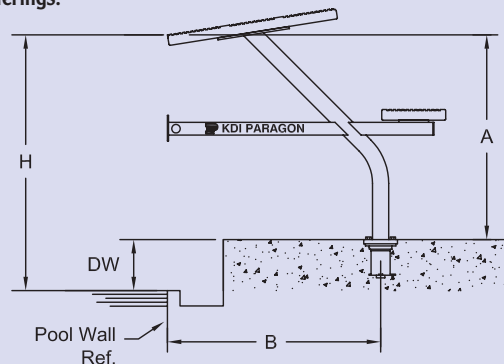
1. Review pages 5-11 to become familiar with the variety of models, options and anchor systems available.
2. Establish the maximum desired height above water using applicable rulings that govern competitive swimming. Information provided is the latest available at the time of printing. Please confirm that rules have not changed.

IMPORTANT: Please refer to your local, municipal, and state statutes, ordinances, and regulations, which may vary from locale to locale.

| | | Water Depth ** | | |
|-------------|---------------|-----------------|----------------|--------------------|
| Ruling Body | Course Length | Less Than 4'-0" | 4'-0" to 4'-6" | Greater Than 4'-6" |
| FINA | Long/Short | NO PLATFORM | | 20" - 29 1/2" |
| NCAA | Long/Short | NO PLATFORM | 30" MAX | |
| USAS | Long | NO | 20" - 29 1/2" | |
| | Short | PLATFORM | 30" MAX | |
| USMS | Long | NO | 20" - 29 1/2" | |
| | Short | PLATFORM | 30" MAX | |
| NFHS | Long/Short | NO | 30" MAX | |
| | | PLATFORM | | |

| ** Location of Water Depth Measurement from Pool Wall | |
|-------------------------------------------------------|------------------------------------------------|
| FINA | 3'-3 1/2" (1 meter) to 19'-8 1/4" (6 meters) |
| NCAA | Minimum 4'-0" throughout pool recommended |
| USAS | 3'-3 1/2" (1 meter) to 16'-5" (5 meters) |
| USMS | 3'-3 1/2" (1 meter) to 16'-5" (5 meters) |
| NFHS | From pool wall (0 meters) to 16'-5" (5 meters) |

3. Determine "B" Dimension:
The dimension is always taken from the vertical pool wall to the center of the anchor socket.
4. Calculating The "A" Dimension:
The "A" dimension is defined as the vertical dimension from the top of the anchor socket (flush with the pool deck slab) to the top, front edge of the starting platform top. The "A" dimension plus the deck to water dimension (DW) cannot exceed the maximum height above water (H) as determined by your ruling body. If your pool deck is sloped (for drainage), please account for the rise/drop in elevation of the deck in calculating the "DW" dimension.
5. For each given pool type, Paragon has general platform recommendations. These are provided for your convenience in selecting a platform. Select a platform with the appropriate "A" and "B" dimensions as determined above. The diagram references Paragon's standard platform style offerings.



* Paraflyte platform shown for reference only.

NOTE: If you require a special configuration, please contact us or one of our authorized Paragon Aquatics distributors.

Platform Selector Charts

Now that you have sized your platform use the charts to determine the product that will work best at your pool facility. If this selection does not meet your precise requirements, we will make something that does. Custom platforms are our specialty.



| Selector Chart — Full Height Models (Up to 30" above water) | | | | | | | | | | | | |
|-------------------------------------------------------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-----------------------------|-----------------------|---------------|------------------------|------------|
| Model | Classic | | | Long Reach | | Florida | | Competitor Classic Standard | Long Reach Competitor | | Track Start Competitor | |
| | Page 6 | | | Page 6 | | Page 6 | | Page 7 | Page 7 | | Page 7 | |
| | A Dim In. | B Dim In.* | Paraflyte | Quickset | Paraflyte | Quickset | Paraflyte | Quickset | Classic Standard | Long Reach | Side Step | Rear Mount |
| | | | | B=34-1/2" | | B=18" | | B=18" | B=30"-40" | B=20"-29-1/2" | B=18", 24" | B=36"-40" |
| | | I.D. Number | | I.D. Number | | I.D. Number | | I.D. Number | I.D. Number | | I.D. Number | |
| 31.0 | | | | 22401 | 23401 | | | | 24301 | 24401 | 24501 | 24601 |
| 30.5 | | | | 22402 | 23402 | | | | 24302 | 24402 | 24502 | 24602 |
| 30.0 | 26 | 22101 | 23201 | 22403 | 23403 | | | 23001 | 24303 | 24403 | 24503 | 24603 |
| 29.5 | 26 | 22102 | 23202 | 22404 | 23404 | | | 23002 | 24304 | 24404 | 24504 | 24604 |
| 29.0 | 26 | 22103 | 23203 | 22405 | 23405 | | | 23003 | 24305 | 24405 | 24505 | 24605 |
| 28.5 | 26 | 22104 | 23204 | 22406 | 23406 | | | 23004 | 24306 | 24406 | 24506 | 24606 |
| 28.0 | 26 | 22105 | 23205 | 22407 | 23407 | 22901 | 23531 | 23005 | 24307 | 24407 | 24507 | 24607 |
| 27.5 | 26 | 22106 | 23206 | | | 22902 | 23532 | 23006 | 24308 | 24408 | 24508 | 24608 |
| 27.0 | 26 | 22107 | 23207 | | | 22903 | 23533 | 23007 | 24309 | 24409 | 24509 | 24609 |
| 26.5 | 26 | 22108 | 23208 | | | 22904 | 23534 | 23008 | 24310 | 24410 | 24510 | 24610 |
| 26.0 | 26 | 22109 | 23209 | | | 22905 | 23535 | 23009 | 24311 | 24411 | 24511 | 24611 |
| 25.5 | 26 | 22110 | 23210 | | | 22906 | 23536 | 23010 | 24312 | 24412 | 24512 | 24612 |
| 25.0 | 26 | 22111 | 23211 | | | 22907 | 23537 | 23011 | 24313 | 24413 | 24513 | 24613 |
| 24.5 | 25 | 22112 | 23212 | | | 22908 | 23538 | 23012 | 24314 | 24414 | 24514 | 24614 |
| 24.0 | 25 | 22113 | 23213 | | | 22909 | 23539 | 23013 | 24315 | 24415 | 24515 | 24615 |
| 23.5 | 24 | 22114 | 23214 | | | | | 23014 | 24316 | 24416 | 24516 | 24616 |
| 23.0 | 24 | 22115 | 23215 | | | | | 23015 | 24317 | 24417 | 24517 | 24617 |
| 22.5 | 23 | 22116 | 23216 | | | | | 23016 | 24318 | 24418 | 24518 | 24618 |
| 22.0 | 23 | 22117 | 23217 | | | | | 23017 | 24319 | 24419 | 24519 | 24619 |
| 21.5 | 23 | 22118 | 23218 | | | | | 23018 | 24320 | 24420 | 24520 | 24620 |
| 21.0 | 23 | 22119 | 23219 | | | | | 23019 | 24321 | 24421 | 24521 | 24621 |
| 20.5 | 23 | 22120 | 23220 | | | | | 23020 | | 24422 | 24522 | |
| 20.0 | 23 | 22121 | 23221 | | | | | 23021 | | 24423 | 24523 | |
| 19.5 | 22 | 22122 | 23222 | | | | | 23022 | | 24424 | 24524 | |
| 19.0 | 22 | 22123 | 23223 | | | | | 23023 | | 24425 | 24525 | |
| 18.5 | 22 | 22124 | 23224 | | | | | 23024 | | 24426 | 24526 | |
| 18.0 | 21 | 22125 | 23225 | | | | | 23025 | | 24427 | 24527 | |
| 17.5 | 21 | 22126 | 23226 | | | | | 23026 | | 24428 | 24528 | |
| 17.0 | 21 | 22127 | 23227 | | | | | 23027 | | 24429 | 24529 | |

* 'B' dimensions refer to Classic models only. 'B' dimensions vary on other models as indicated.

| Selector Chart — Low Height Models (Up to 18" above water) | | | | | | | | | | |
|------------------------------------------------------------|-------------|-------|------------------|-------|-------------|-----------|------------------|---------------|----------|---------|
| VARSITY LINE | | | | | | | | | | SHORTEE |
| Model | Classic | | | | Long Reach | | Competitor | (Full Height) | | |
| | Page 8 | | | | Page 8 | | Page 8 | Page 6 | | |
| | Paraflyte | | Quickset | | Paraflyte | Quickset | Varsity Standard | Paraflyte | Quickset | |
| A Dim In. | B Dim's In. | | B Dim's In. | | B=34-1/2" | B=34-1/2" | B=18" | B=18" | B=18" | |
| | I.D. Number | | I.D. Number | | I.D. Number | | I.D. Number | I.D. Number | | |
| 19.0 | | | | | 23901 | 23921 | | | | |
| 18.5 | | | | | 23902 | 23922 | | | | |
| 18.0 | 21 or 26 | 23601 | 14, 18, 21 or 26 | 23801 | 23903 | 23923 | 24001 | 22920 | 23560 | |
| 17.5 | 21 or 26 | 23602 | 14, 18, 21 or 26 | 23802 | 23904 | 23924 | 24002 | 22921 | 23561 | |
| 17.0 | 21 or 26 | 23603 | 14, 18, 21 or 26 | 23803 | 23905 | 23925 | 24003 | 22922 | 23562 | |
| 16.5 | 21 or 26 | 23604 | 14, 18, 21 or 26 | 23804 | 23906 | 23926 | 24004 | 22923 | 23563 | |
| 16.0 | 21 or 26 | 23605 | 14, 18, 21 or 26 | 23805 | 23907 | 23927 | 24005 | 22924 | 23564 | |
| 15.5 | 21 or 26 | 23606 | 14, 18, 21 or 26 | 23806 | | | 24006 | 22925 | 23565 | |
| 15.0 | 21 or 26 | 23607 | 14, 18, 21 or 26 | 23807 | | | 24007 | 22926 | 23566 | |
| 14.5 | 21 or 26 | 23608 | 14, 18, 21 or 26 | 23808 | | | 24008 | 22927 | 23567 | |
| 14.0 | 21 or 26 | 23609 | 14, 18, 21 or 26 | 23809 | | | 24009 | 22928 | 23568 | |
| 13.5 | 21 or 26 | 23610 | 14, 18, 21 or 26 | 23810 | | | 24010 | 22929 | 23569 | |
| 13.0 | 21 or 26 | 23611 | 14, 18, 21 or 26 | 23811 | | | 24011 | 22930 | 23570 | |
| 12.5 | 21 or 26 | 23612 | 14, 18, 21 or 26 | 23812 | | | 24012 | 22931 | 23571 | |
| 12.0 | 21 or 26 | 23613 | 14, 18, 21 or 26 | 23813 | | | 24013 | 22932 | 23572 | |
| 11.5 | 14 or 18 | 23614 | 14, 18, 21 or 26 | 23814 | | | 24014 | | | |
| 11.0 | 14 or 18 | 23615 | 14, 18, 21 or 26 | 23815 | | | 24015 | | | |
| 10.5 | 14 or 18 | 23616 | 14, 18, 21 or 26 | 23816 | | | 24016 | | | |
| 10.0 | 14 or 18 | 23617 | 14, 18, 21 or 26 | 23817 | | | 24017 | | | |
| 9.5 | 14 or 18 | 23618 | 14, 18, 21 or 26 | 23818 | | | 24018 | | | |
| 9.0 | 14 or 18 | 23619 | 14, 18, 21 or 26 | 23819 | | | 24019 | | | |
| 8.5 | 14 or 18 | 23620 | 14, 18, 21 or 26 | 23820 | | | 24020 | | | |
| 8.0 | 14 or 18 | 23621 | 14, 18, 21 or 26 | 23821 | | | 24021 | | | |

*Note: Anchors not included with Classic Standard Varsity or Varsity Long Reach Standard Paraflyte models.

Lifeguard Chairs

A wide selection of fixed, moveable, and portable chairs suitable for every need. The Paraflyte fixed-series chairs, designed to harmonize with our Paraflyte diving towers and starting platforms, feature both sloping pedestal and access ladder. We also have a variety of chairs that can easily be moved about as needed or to avoid the sun.

All fixed or semi-permanent chairs have a rugged platform extending to the pool edge permitting the lifeguard a safe, fast takeoff. All chairs (except Standard and Griff's high model) have a turquoise, molded fiberglass reinforced plastic seat. Chairs supported on seat pedestals have a 360° swivel.



Paraflyte Lifeguard Chairs

All Paraflyte chairs have a platform height of 4'6", a seat height of 6'0" above the deck, and are supported by a stainless steel flanged pedestal which is set back 3'0" from the pool wall. The ladder at side is set back 3' 1-5/8" from the pool wall. Combination ladder risers and guard rails are .065" wall x 1.90" diameter, Type 304 stainless steel, polished to a 320 grit finish.

All platforms (footboards) are constructed of laminated wood, coated with fiberglass and polyester resin and have a non-skid surface.

All Paraflyte lifeguard chairs are furnished with pedestal, pedestal anchor, rear anchors, (where required) and escutcheon plates. All are furnished with holders for rescue tube and umbrella.

Paraflyte ladder at rear also comes in .145" wall thickness. Replacement ladder steps are 19" and are available in vertical and sloping designs.



Lifeguard Chair Pedestal Anchor Assembly
Stainless steel factory welded assembly for fixed pedestal chairs.
I.D. No. 21005



Paraflyte Ladder at Rear
Recommended for general use. The rear ladder with flared guard rails provides easy access to the platform. The horizontal rails provide protection and serve as arm rests.
Paraflyte (Ultraflyte) Chair I.D. No. 20001
Stainless steel rails are .145" wall
Paraflyte (Superflyte) Chair I.D. No. 20002
Stainless steel rails are .065" wall
[Spec Sheet LG 10.41](#)



Paraflyte Ladder at Sides
Two access ladders allow the lifeguard to dismount quickly and safely from either side. Two guards can each stand in an elevated position for unbroken surveillance during guard change and relay of instructions.
I.D. No. 20003
[Spec Sheet LG 10.43](#)



Paraflyte Club
Acclaimed Paraflyte styling and quality. A single anchor at pedestal base supports the entire chair. The vertical access ladder requires less deck space and does not need separate anchors. Pedestal Anchor furnished. Rear anchors and escutcheon plates not required.
I.D. No. 21001
[Spec Sheet LG 10.47](#)



Paraflyte OSHA Chair
This chair is designed specifically to comply with federal OSHA regulations. Guard rails are 42" above the platform and extend to the front of the platform.
I.D. No. 20004
[Spec Sheet LG 10.45](#)

Lifeguard Chairs



Lifeguard Chair Seat
One piece molded fiberglass reinforced, turquoise, plastic seat with stainless steel mounting bolts.
I.D. No. 20701



Swivel Chair Seat Support
Stainless steel welded assembly ready for installation. Designed to render proper seating angle when mounted to plastic seat. Has 360° swivel capability with bearing surface of low friction non-metallic disc to prevent seizing or binding due to corrosion. Rugged construction.
I.D. No. 20702

Anchor Socket for anchoring all deck equipment (except rear legs of diving towers and stands, starting platforms, and stanchions). Cast bronze with locking bronze wedge and stainless steel bolt.
I.D. No. 28102



Anchor Socket Cover
Sold Separately
I.D. No. 28104

Escutcheon Plates to cover anchor sockets. Fit 1.90" OD tubing. The deluxe unit is a chrome-plated bronze casting. Escutcheon Plate, Deluxe
I.D. No. 28301



The standard escutcheon is a stainless steel stamping to fit 1.90" OD tubing. Escutcheon Plate—Stainless Steel, Standard I.D. No. 28302
[Spec Sheet AA20.29](#)



Standard
Our original, basic guard chair. The seat, backrest, and non-skid footrest are fabricated of laminated wood coated with fiberglass and polyester resin. The frame is constructed of stainless steel tube and ABS steps. Platform height is 4'4" and seat height is 6'0" above the deck. Furnished with a 19" step and holders for rescue tube and umbrella. Optional anchors and escutcheon plates available.
I.D. No. 20601
[Spec Sheet LG 20.35](#)



Rover SemiPermanent
Designed for those pools where the lifeguard chair must be anchored, yet still be capable of being readily moved. (In Sunbelt states chair might be moved to opposite sides of the pool each day to keep the sun out of the guard's eyes.) The rear legs are set into sockets anchored in the deck, while the front legs with 7" diameter wheels allow for easy relocation. Ladder has 19" steps. Furnished with two pairs of anchor sockets (for two locations), additional sets must be ordered separately.
I.D. No. 20303
[Spec Sheet LG 20.33](#)



Moveable (Wheel-A-Round)
An ideal solution for a chair that is needed at different locations. Both rugged and stable, yet can be easily moved by one person. The heavy duty 7" diameter wheels roll easily on deck or lawn. The perfect chair for supervision, instruction, and judging. The wide ladder at front leads directly to platform. Furnished with 26" steps. Available with seat at eight-feet or six-feet above deck. (Not suitable for diving.)
8-feet I.D. No. 20301
[Spec Sheet LG 20.39-8](#)
6-feet I.D. No. 20302
[Spec Sheet LG 20.39-6](#)

Portable Lifeguard Chairs

Portable Chairs

Portable 2-, 3-, and 4-step models are for areas not requiring a full height chair. Light enough to be lifted easily by one person (the 4-step weighs only 70 lbs.). Sloping front ladder with 19" sloping steps allows access to molded contour seat. Angled legs add stability. **(WARNING: Chairs are not suitable for diving nor recommended for use with umbrellas under windy conditions.)**



Optional wheels for added mobility. Includes 4" wheels with mounting bracket and hardware.

Kit I.D. No. 20404 - 4-step

Kit I.D. No. 20403 - 3-step

Kit I.D. No. 20402 - 2-step



4-step (6'-0" above deck) I.D. No. 20401
Spec Sheet LG 20.37-4



3-step (4'-6" above deck) I.D. No. 20460
Spec Sheet LG 20.37-3



2-step (3'-10" above deck) I.D. No. 20450
Spec Sheet LG 20.37-2

Lookout Family

Lookout chairs have a roomier, non-skid surface platform. Stand is at a low height to allow for a faster dismount. These chairs can be placed closer to pool edge for circumstances where space is a consideration. The supporting frames are made of 1.90" OD x .065" T304 stainless steel.



Lookout Dual Side Mount

Ideal for pools with limited deck space. Convenient access from both sides allows lifeguard change with uninterrupted coverage. Portable, solid stainless steel frame, 360° swivel seat is mounted on a 4' x 4' non-skid, fiberglass platform. Access steps are 26". Seat height is 54" from deck. Platform height is 36" from deck. Wheels allow for easy relocation. Includes umbrella and rescue tube holder.

Dual Side Mount I.D. No. 20380

[Spec Sheet LG 20.34](#)



Lookout Platform Chair

Engineered especially for busy aquatic facilities and water parks. Access from both sides allows uninterrupted guard change. Sloping steps allow quicker dismount. Portable, solid stainless steel frame, 360° swivel seat mounted on an extra large 60" x 36" non-skid fiberglass platform. Utilizes 26" steps. Seat height is 54" from deck. Platform height is 36" from deck. Stand includes umbrella and rescue tube holder.

Lookout Platform I.D. No. 20370

[Spec Sheet LG 20.32](#)

The "Lookout Chair" Family

Paragon "Lookout Chairs" have grown into an extended family of their own with 5 models designed for pools that do not require a full height chair. All Lookout chairs offer an elevated, 360° swivel seat which sits on a non-skid platform. Station provides easy access and dismount. Chair is molded plastic. Features T304 stainless steel construction. All models come with an umbrella holder and the 3-step also has a rescue tube holder. 4" diameter wheels are included on 2- and 3-step models for portability.

(WARNING: Umbrella use should be discontinued under windy conditions.)



1-Step Standard Model

Seat 30" above deck.
Platform size is 36" x 38"
and is 12" above deck.

I.D. No. 20350

[Spec Sheet LG 20.31-1](#)

1-Step Lookout Wheel Kit (optional)

I.D. No. 20377



2-Step Model with Wheels

Seat 42" above deck.
Furnished with 19" step.
Platform size 36" x 38" and is 24"
above pool deck.

I.D. No. 20360

[Spec Sheet LG 20.31-2](#)



3-Step Model with Wheels

Seat 54" above deck. Furnished with
19" steps. Platform size is 48" x 48"
and 36" above pool deck.

I.D. No. 20365

[Spec Sheet LG 20.36](#)

Griff's Water Safety Systems

The Griff's Guard Station® by KDI Paragon, together with Tom Griffiths' 5-Minute Scanning Strategy helps to increase lifeguard effectiveness for increased water safety and enjoyment through accident prevention. The chairs offer room for lifeguard movement on the station and allow for multiple viewing positions.



The 5-Minute Scanning Strategy

A self-instruction video for guard training by Tom Griffiths, Director of Aquatics and Safety Officer for intercollegiate athletics at Penn State University.

"I developed the 5-Minute Scanning Strategy to help lifeguards keep alert on the job. It is based on physiological and psychological task-involved research. The process requires guards to perform specific tasks in five minute segments."

For further information, please visit www.aquaticsafetygroup.com.

Video I.D. No. 20379

Griff's Guard Station® by KDI Paragon

Griff's Guard Stations feature front entry, elevated viewing station, easy access, and non-skid surface. A wide front step provides additional station and brings the guard closer to the pool edge. Heavy duty wheels allow convenient, easy portability. Stainless steel and fiberglass construction assures long lasting and trouble-free service.



Flat Guard Station

This station has a wider access for easy entry. Platform size is 39" x 60". Step is 14" x 57". Platform is 24" above deck.

I.D. No. 20385

Spec Sheet LG 40.26



Elevated Step Guard Station

Provides three positions for better viewing. Platform size is 39" x 60" and is 24" above the deck. Front step is 14" x 40" and 36" above pool deck.

I.D. No. 20386

Spec Sheet LG 40.25



Full Height Guard Station

Higher viewing angle for greater visibility. Bench size is 14" x 40" and 4' above pool deck. Platform size is 40" x 40" and is 33" above pool deck. Access steps are 14" x 40".

I.D. No. 20387

Spec Sheet LG 40.27

Diving Towers

Our diving towers offer significant differences to satisfy varying needs, including budgets, preferences, and job conditions. Depending upon model, sizes vary from 1/2 meter to 3 meters in height. Paraflyte towers are available in one meter and three meter models.

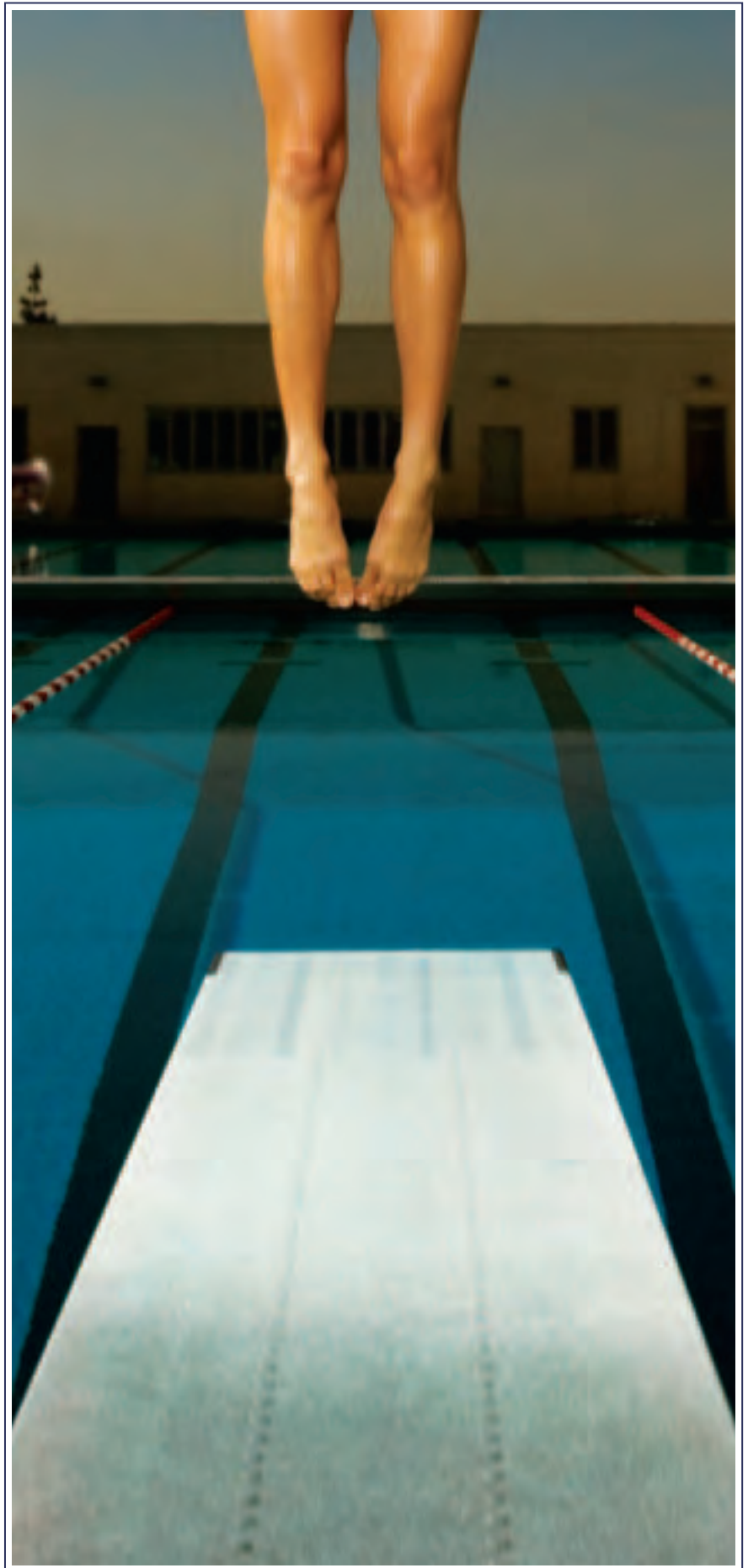
Each tower is furnished complete with railings, rear anchor, front anchor, pedestal, and fulcrum. These can be varied to suit specific job requirements or specifications. Models satisfy most pool configurations, however, custom designs are available. Specification sheets and AutoCAD® drawings are available for each model.

Anchors are included and are shipped with each tower. Anchors needed in advance for construction purposes can be ordered by identification numbers.

Standard tower pedestals come in red prime coat, ready for painting to match your facility, or in stainless steel (at extra cost), with plain or flanged base.

Each Paraflyte tower is available in several different grades. The variations among grades apply only to materials. There is no difference in design or detail between grades of the same tower.

Each tower is designed for diving boards 14 or 16 feet long. Identification numbers must be selected from the chart on page 23 to reflect the type and length of the diving board used. Note: Diving boards are not included. See page 23 for diving tower specifications and board selection.



Please contact us or an authorized Paragon Aquatics distributor.

Paraflyte Diving Towers

Paraflyte, Ladder at Rear

The most common option, designed for competition and larger commercial or institutional pools where ample space is available. May be installed outdoors or indoors. Utilizes 26" steps. Guard rails and hand rails are welded and extend to pool edge.



3 Meter Flanged Pedestal (shown)
[Spec Sheet DT 10.05](#)
 3 Meter Plain Pedestal
[Spec Sheet DT 10.07](#)



1 Meter Flanged Pedestal (shown)
[Spec Sheet DT 10.09](#)
 1 Meter Plain Pedestal
[Spec Sheet DT 10.11](#)

Paraflyte, Ladder at Side

Designed for limited space, particularly natatoriums. Uses three feet less deck space than ladder-at-rear towers. Ladder can be mounted on either side. Utilizes 19" steps. Guard rails and hand rails are welded and extend to pool edge.

The Anchor Bolt Assembly is included as a standard component with all diving towers with flanged pedestals. The flanged stub or the cage anchor can be noted in the specifications and/or purchase order and will be an added cost. See page 25 for complete details on anchors and accessories.



Anchor Bolt Assembly
 I.D. No. 12307



3 Meter Flanged Pedestal (shown)
[Spec Sheet DT 10.17](#)
 3 Meter Plain Pedestal
[Spec Sheet DT 10.19](#)



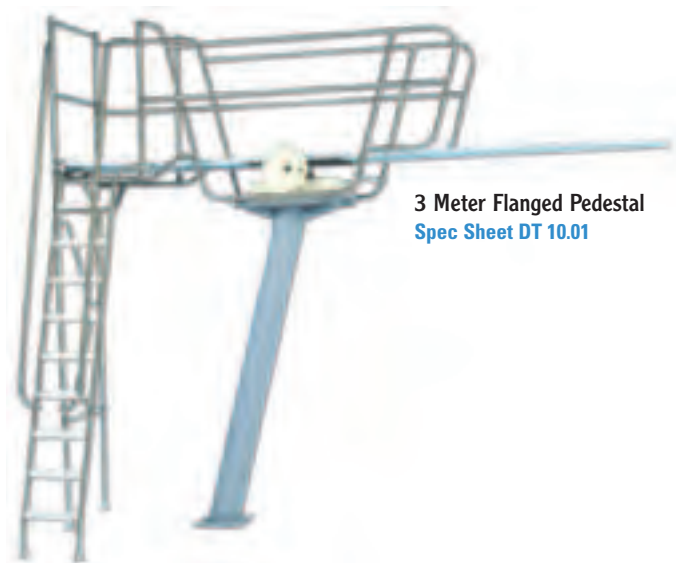
1 Meter Flanged Pedestal (shown)
[Spec Sheet DT 10.21](#)
 1 Meter Plain Pedestal
[Spec Sheet DT 10.23](#)



WARNING: Diving equipment shown here should be used only on pools that conform to FINA, NCAA, NFHS and US Diving standards. Please refer to your local, municipal and state statutes, ordinances, rules and regulations which may vary.

Duradapt Diving Towers

Made for Durafirm short stand (fulcrum and anchor/hinged assembly). Recommended only for competition pools and only for 16' Duraflex or Maxiflex boards. Ladder at side (as shown) or can be mounted at rear if specified. Utilizes 19" steps. Comes with flanged pedestal only. Guard rails and hand rails are welded and extend to pool edge. Durafirm fulcrum and anchor/hinged assembly are not included and must be ordered separately.



3 Meter Flanged Pedestal
Spec Sheet DT 10.01



1 Meter Flanged Pedestal
Spec Sheet DT 10.03

Sportflyte Diving Towers

Not suitable for competition. The Economy model is designed for recreational use. Utilizes 19" steps. Fulcrum may be repositioned. Guard rails and hand rails are welded and extend to pool edge. Available with flanged or plain pedestal.



3 Meter Flanged Pedestal (shown)
Spec Sheet DT 10.25
3 Meter Plain Pedestal
Spec Sheet DT 10.27



1 Meter Flanged Pedestal (shown)
Spec Sheet DT 10.29
1 Meter Plain Pedestal
Spec Sheet DT 10.30

| Board Length | | | |
|--------------------|-------|-------|-------|
| Height Above Water | 16' | 14' | 12' |
| 3m | 13501 | 13502 | N/A |
| 1m | 13511 | 13512 | N/A |
| 3/4 m | N/A | N/A | 13517 |

* Specify Century or Paraflex board at time of order. Sportflyte Towers are not intended for use with Duraflex or Maxiflex boards.



WARNING: Diving equipment shown here should be used only on pools that conform to FINA, NCAA, NFHS and US Diving standards. Please refer to your local, municipal and state statutes, ordinances, rules and regulations which may vary.

Diving Boards

Paraflyte stands are designed to receive either 16' or 14' diving boards. A 16' diving board by 20" wide, with a 24" fulcrum range, is the only board acceptable for official, competitive diving. A 14' board may be used on a recreational diving stand when less spring is desired. All diving boards have an integral non-skid surface.

Duraflex: Acknowledged as one of the finest aluminum boards, the Duraflex can be found at leading competitive pools. It tapers from tip to fulcrum while maintaining the thicker section from fulcrum to butt end.

Maxiflex: A double tapered version of the Duraflex. This board tapers from tip to fulcrum maintaining a constant thickness through the fulcrum range, then thinning out toward the butt end. The double tapering offers livelier action. Available in 16' length only.

Maxiflex- Model B: An improved version of the double tapered Maxiflex. The top surface is perforated to reduce aerodynamic drag during flexing and rebound. Available in 16' length only.

Paraflex: A high-quality aluminum board for general commercial and institutional use. Uniform thickness throughout entire length.

Century (Eureka): The very best of the wood-fiberglass boards. The core has 26 laminations with complete fiberglass wrap on all sides and edges, with extra layers of fiberglass over the fulcrum area.

Aluminum boards Spec Sheet DA 20.17

| Board | I.D. No. |
|----------------|----------|
| 16' Duraflex | 26101-1 |
| 14' Duraflex | 26103-1 |
| 16' Maxiflex | 26105-1 |
| 16' Maxiflex B | 26107-1 |
| 16' Paraflex | 26201-1 |
| 14' Paraflex | 26202-1 |

Wood boards Spec Sheet DA 20.19

| | |
|-------------|---------|
| 16' Century | 26301-1 |
| 14' Century | 26302-1 |

Diving Tower Selection

Each diving tower identification number defines a complete tower. It must be selected to reflect the following choices:

Configuration—Each configuration covers a particular style of tower (ladder at rear, ladder at side, etc.), the height (3 meter or 1 meter) and the type of pedestal (flanged or plain).

Grade—Paraflyte towers are made in three different grades—Ultraflyte, Superflyte and Topflyte.

Your choices include:

1. Ultraflyte—Premier grade. All tube is 1.90" O.D. x .145" wall T304 stainless steel.
2. Superflyte—General purpose, middle grade. All tube is T304 stainless steel

1.90" O.D., with wall thicknesses of .145", .109", .065". The wall thickness of each member is dependent upon structural requirements.

3. Topflyte—Economy grade. All tube with the exception of the flexural members, are T304 stainless steel 1.90" O.D. x .065" wall. The members requiring additional strength are T304 stainless steel tube 1.90" O.D. x .145" wall.

Diving Board—Although a diving board is not included, the tower is fabricated to accommodate the type and length board to be used. Fabrication and setting dimensions may vary dramatically among boards.

Diving Tower Selection by Diving Board Style and Configuration

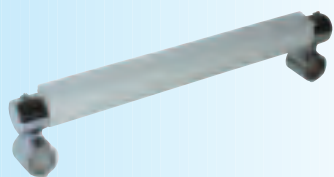
| Identification Numbers | | | | | | | |
|------------------------------------------------------------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|
| Grade | 16' Duraflex | 14' Duraflex | 16' Maxiflex | 16' Paraflex | 14' Paraflex | 16' Century | 14' Century |
| 3 meter paraflyte tower, ladder at rear, flanged pedestal | | | | | | | |
| Ultraflyte | 12009 | 12010 | 12011 | 12012 | 12013 | 12014 | 12015 |
| Superflyte | 12016 | 12017 | 12018 | 12019 | 12020 | 12021 | 12022 |
| Topflyte | 12023 | 12024 | 12025 | 12026 | 12027 | 12028 | 12029 |
| 3 meter paraflyte tower, ladder at rear, plain pedestal | | | | | | | |
| Ultraflyte | 12030 | 12031 | 12032 | 12033 | 12034 | 12035 | 12036 |
| Superflyte | 12037 | 12038 | 12039 | 12040 | 12041 | 12042 | 12043 |
| Topflyte | 12044 | 12045 | 12046 | 12047 | 12048 | 12049 | 12050 |
| 1 meter paraflyte tower, ladder at rear, flanged pedestal | | | | | | | |
| Ultraflyte | 12093 | 12094 | 12095 | 12096 | 12097 | 12098 | 12099 |
| Superflyte | 12100 | 12101 | 12102 | 12103 | 12104 | 12105 | 12106 |
| Topflyte | 12107 | 12108 | 12109 | 12110 | 12111 | 12112 | 12113 |
| 1 meter paraflyte tower, ladder at rear, plain pedestal | | | | | | | |
| Ultraflyte | 12114 | 12115 | 12116 | 12117 | 12118 | 12119 | 12120 |
| Superflyte | 12121 | 12122 | 12123 | 12124 | 12125 | 12126 | 12127 |
| Topflyte | 12128 | 12129 | 12130 | 12131 | 12132 | 12133 | 12134 |
| 3 meter paraflyte tower, ladder at side, flanged pedestal | | | | | | | |
| Ultraflyte | 12051 | 12052 | 12053 | 12054 | 12055 | 12056 | 12057 |
| Superflyte | 12058 | 12059 | 12060 | 12061 | 12062 | 12063 | 12064 |
| Topflyte | 12065 | 12066 | 12067 | 12068 | 12069 | 12070 | 12071 |
| 3 meter paraflyte tower, ladder at side, plain pedestal | | | | | | | |
| Ultraflyte | 12072 | 12073 | 12074 | 12075 | 12076 | 12077 | 12078 |
| Superflyte | 12079 | 12080 | 12081 | 12082 | 12083 | 12084 | 12085 |
| Topflyte | 12086 | 12087 | 12088 | 12089 | 12090 | 12091 | 12092 |
| 1 meter paraflyte tower, ladder at side, flanged pedestal | | | | | | | |
| Ultraflyte | 12135 | 12136 | 12137 | 12138 | 12139 | 12140 | 12141 |
| Superflyte | 12142 | 12143 | 12144 | 12145 | 12146 | 12147 | 12148 |
| Topflyte | 12149 | 12150 | 12151 | 12152 | 12153 | 12154 | 12155 |
| 1 meter paraflyte tower, ladder at side, plain pedestal | | | | | | | |
| Ultraflyte | 12156 | 12157 | 12158 | 12159 | 12160 | 12161 | 12162 |
| Superflyte | 12163 | 12164 | 12165 | 12166 | 12167 | 12168 | 12169 |
| Topflyte | 12170 | 12171 | 12172 | 12173 | 12174 | 12175 | 12176 |
| 3 meter duradapt tower | | | | | | | |
| Ultraflyte | 12001 | | 12001 | | | | |
| Superflyte | 12002 | | 12002 | | | | |
| 1 meter duradapt tower | | | | | | | |
| Ultraflyte | 12003 | | 12003 | | | | |
| Superflyte | 12004 | | 12004 | | | | |

Sturdee Stand

Ideal for replacing existing or obsolete diving towers up to one meter. No pedestal required. For recreational, non-competitive facilities.

Anchors are included and are shipped with each tower. Anchors needed in advance for construction purposes should be ordered by identification numbers.

Hand Adjustable Fulcrum for the Sturdee Stand The hand adjustable fulcrum is provided as an economical alternative for pools where a readily adjustable fulcrum is not required. I.D. No. 12518HAF (white and chrome)



Sturdee Stand

Sturdee Stand is complete with frames, rear rails with one or two mounting steps, four bronze anchor sockets (28102), two deluxe rear anchors (28201), four deluxe escutcheon plates (28301) and a hand adjustable fulcrum (12518HAF). Side and intermediate guard rails are also included. Steps are 26". Rear swivels are included for Duraflex (18401) and Maxiflex (18402) diving boards.

[Spec Sheet DS 20.50](#)



Sturdee Stand Selector Chart

| Model | 16' Duraflex | 14' Duraflex | 16' Maxiflex | 16' Paraflex | 14' Paraflex |
|-------------------|--------------|--------------|--------------|--------------|--------------|
| Heavy Duty 1-Step | 14101 | 14102 | 14103 | 14104 | 14105 |
| Heavy Duty 2-Step | 14108 | 14109 | 14110 | 14111 | 14112 |
| Deluxe 1-Step | 14115 | 14116 | 14117 | 14118 | 14119 |
| Deluxe 2-Step | 14122 | 14123 | 14124 | 14125 | 14126 |

| Model | 16' Century | 14' Century | 12' Board | 10' Board |
|-------------------|-------------|-------------|-----------|-----------|
| Heavy Duty 1-Step | 14106 | 14107 | 14132 | 14142 |
| Heavy Duty 2-Step | 14113 | 14114 | N/A | N/A |
| Deluxe 1-Step | 14120 | 14121 | 14131 | 14141 |
| Deluxe 2-Step | 14127 | 14128 | N/A | N/A |

For assistance with diving tower selection, please contact us or your local Paragon Aquatics distributor.

Rails for Towers

Prior to 1993, industry standards did not require guard rails or hand rails. Since our products last much longer than this, we offer retrofit rails for your convenience. When ordering retrofit rails, please specify tower height (1- or 3-meter) and diving board manufacturer, model, and length.

Retrofit Rails for Towers

Ladder Hand Rails (pair): For 3-meter Paraflyte towers with ladder at rear:

Ultraflyte I.D. No. 12401

Superflyte I.D. No. 12402

Topflyte I.D. No. 12403

Front Guard Rails (pair): For 1-meter or 3-meter Paraflyte towers with ladder at rear:

Ultraflyte I.D. No. 12404

Superflyte I.D. No. 12405

Topflyte I.D. No. 12406

Middle Guard Rails (pair—includes front and back rail): For 1-meter or 3-meter Paraflyte towers with ladder at rear:

Ultraflyte I.D. No. 12407

Superflyte I.D. No. 12408

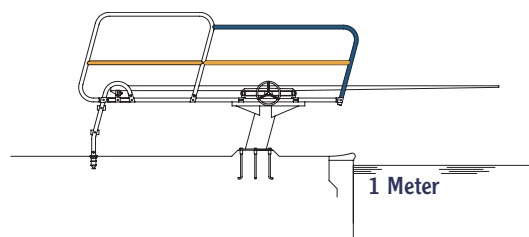
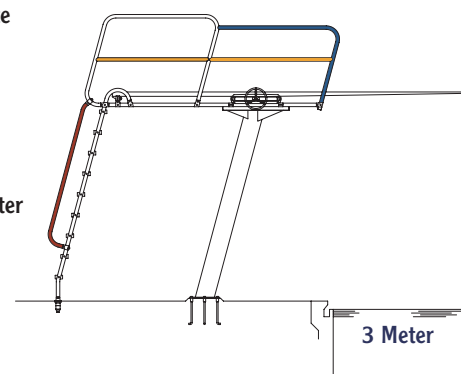
Topflyte I.D. No. 12409

For 1-meter or 3-meter Paraflyte towers with ladder at side:

Ultraflyte I.D. No. 12410

Superflyte I.D. No. 12411

Topflyte I.D. No. 12412



WARNING: Diving equipment shown here should be used only on pools that conform to FINA, NCAA, NFHS and US Diving standards. Please refer to your local, municipal and state statutes, ordinances, rules and regulations which may vary.

Diving Tower and Stand Accessories

Geared Adjustable Fulcrum

A readily adjustable fulcrum is required for competitive diving. A geared fulcrum permits divers to select the right amount of spring for his or her weight and for specific dives. Calibrated markings on the gear-holder make it easy for the diver to re-set the fulcrum where desired. Smooth, precise adjustments are easy due to the machined gears and freely turning sleeve on the axle. The adjusting wheel is operable by hand or foot for the full 24" fulcrum range. (Stops are provided to limit the range for recreational use.) Holders keep the rolling gears locked into the gear track and shields all gears from contact by divers and spectators.

The Deluxe model contains chrome-plated bronze and stainless steel components.

26" Deluxe Geared I.D. No. 24101

30" Deluxe Geared I.D. No. 24102

Custom Deluxe Geared I.D. No. 24105



Deluxe Model

The Economy model contains painted cast aluminum and stainless steel components.

26" Economy I.D. No. 24106

30" Economy I.D. No. 24107

Custom Economy I.D. No. 24110

Spec Sheet DA 20.25

Rear Swivels for Diving Stands

Permit free movement of the butt end of the diving boards, thereby improving diver performance and increasing board life.

Strongly recommended for competition and/or high performance diving boards.

For Duraflex Diving Boards I.D. No. 18401

For Maxiflex Diving Boards I.D. No. 18402

For All Other Diving Boards I.D. No. 18403

Spec Sheet DA 20.21



Pedestal Anchors

The Anchor Bolt Assembly is included as a standard component with all Paraflyte towers. The Flanged Stub or the Cage Anchor can be substituted as the anchor for the flanged pedestal and should be noted in the specifications and/or purchase order and will be an added cost.

Spec Sheet DA 10.31



Anchor Bolt Assembly

Anchor j-bolts are 3/4" in diameter and eight are furnished. Each bolt is hooked at the bottom. A threaded bushing is provided at the top. A template is included for accurate setting for alignment with tower pedestal.

I.D. No. 12307

Flanged Stub

Consists of a 3/4" thick steel plate welded to a 10" diameter pipe, with blind, threaded bushings. Can be used if the tower is supported by a foundation pad on grade or in a framed beam if it is at least 18" deep.

Carbon Steel I.D. No. 12301

Stainless Steel I.D. No. 12303 (available upon request)



Cage Anchor

Must be used as the pedestal anchor when the tower is to be supported on a framed slab. Anchor consists of 3/4" thick steel plates, 3/4" threaded rods and threaded bushings, which can be made to suit a beam or slab of any thickness greater than 6".

Carbon Steel I.D. No. 12304

Stainless Steel I.D. No. 12306 (available upon request)

Rear Anchor Deluxe

To anchor rear legs of all diving towers or stands or for any other application where there is an uplift on the leg being held. Two piece, heavy cast bronze construction. The upper flange is chrome-plated. Body has threaded hole at bottom to allow addition of 1/2" diameter bolt if required for additional bond.

I.D. No. 28201



Applied Loads: It is the designer's responsibility to provide a supporting structure able to carry the applied loads for a tower supported on a framed beam or slab. The loads to be used for this purpose are :

Three Meter:

Front Anchor: A downward, vertical load of 4,500 lbs., plus a moment of 9,000 ft. lbs.

Rear Anchors: A combined upward, vertical load of 1,500 lbs.

One Meter:

Front Anchor: A downward, vertical load of 4,200 lbs., plus a moment of 2,000 ft. lbs.

Rear Anchors: A combined upward, vertical load of 1,800 lbs.



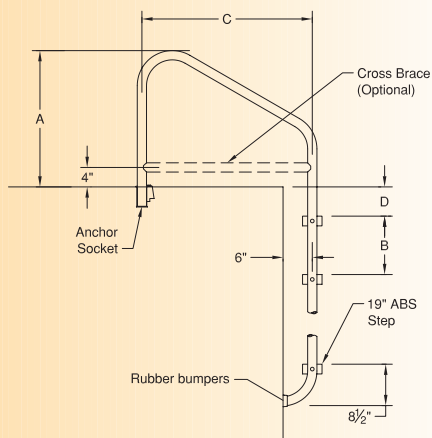
WARNING: Diving equipment shown here should be used only on pools that conform to FINA, NCAA, NFHS and US Diving standards. Please refer to your local, municipal and state statutes, ordinances, rules and regulations which may vary.

Vertical Ladders

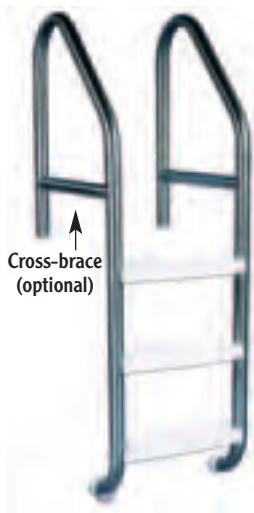
The ladders shown on these pages offer the most convenient method of pool entry wherever stairs cannot be used. Each ladder comes standard with two frames and injection molded ABS-UV inhibited steps bolted between them. They can also be provided with stamped stainless steel steps upon request. All frames are made of corrosion resistant T304 stainless steel, 1.90" OD tube and provide ample length for a 4" anchor penetration. The bolts have contoured heads curved to fit the tubing of the frames. All ladder styles with frames resting against the pool wall have rubber bumpers to prevent damage to the wall. All vertical ladders are similar in appearance and vary only in:

- Wall thickness of tubing (.065", .109" or .145")
- Width of frames from front to back (24", 29", or 35")
- Number of steps (2 to 5)
- Florida and Therapy styles

Anchor sockets and escutcheon plates are not included with ladders and must be ordered separately.



| Ladder Reference Dimensions With and Without Cross Brace | | | | |
|----------------------------------------------------------|-----|-----|---------------|----|
| | A | B | C | D |
| Heavy Duty | 28" | 12" | 24", 29", 35" | 6" |
| Deluxe | 28" | 12" | 24", 29" | 6" |
| Florida | 32" | 12" | 36" | 4" |



Heavy Duty (.109" or .145" wall thickness). For commercial and institutional use. Made only in thicker grades of stainless steel to withstand heavier usage.

[Spec Sheet LD 30.01](#)

Heavy Duty with Cross Brace Recommended for heavy duty commercial use at public and institutional pools. Reinforced with cross braces for extra rigidity and strength.

[Spec Sheet LD 30.03](#)

Florida Style Offered in 3 grades (.065", .109", or .145" wall thickness). Extends extra high over deck to clear the 6" curb required on all Florida pools.

[Spec Sheet LD 30.02](#)

Florida Style with Cross Brace Same as Florida Style but with cross braces for extra rigidity.

[Spec Sheet LD 30.04](#)

Deluxe (.065" wall thickness). Recommended for residential pools and light commercial use. Ladder frames go slightly deeper into water and extend slightly higher above deck compared to normal residential ladders. Recommended only for concrete or vinyl-lined pools.

[Spec Sheet LD 30.01](#)

| | Heavy Duty Ladders | | | | | | Deluxe Ladders | | |
|--------|--------------------|-------|-----------|-------|-----------|-------|----------------|-------|--|
| | 24" Width | | 29" Width | | 35" Width | | 24" W | 29" W | |
| 2 Step | .145" | .109" | .145" | .109" | .145" | .109" | .065" | .065" | |
| 3 Step | 42201 | 42213 | 42205 | 42217 | 42209 | 42221 | 42301 | 42305 | |
| 4 Step | 42202 | 42214 | 42206 | 42218 | 42210 | 42222 | 42302 | 42306 | |
| 5 Step | 42203 | 42215 | 42207 | 42219 | 42211 | 42223 | 42303 | 42307 | |
| | 42204 | 42216 | 42208 | 42220 | 42212 | 42224 | 42304 | 42308 | |

| | Cross Braced Ladders | | | | | | | | |
|--------|----------------------|-------|-----------|-------|-----------|-------|-------|-------|-------|
| | 24" Width | | 29" Width | | 35" Width | | | | |
| 2 Step | .145" | .109" | .065" | .145" | .109" | .065" | .145" | .109" | .065" |
| 3 Step | 42101 | 42113 | 42125 | 42105 | 42117 | 42129 | 42109 | 42121 | 42133 |
| 4 Step | 42102 | 42114 | 42126 | 42106 | 42118 | 42130 | 42110 | 42122 | 42134 |
| 5 Step | 42103 | 42115 | 42127 | 42107 | 42119 | 42131 | 42111 | 42123 | 42135 |
| | 42104 | 42116 | 42128 | 42108 | 42120 | 42132 | 42112 | 42124 | 42136 |

| | Florida Style Ladders | | | Florida Style with Cross Brace | | |
|--------|-----------------------|-------|-------|--------------------------------|-------|-------|
| | 36" Width | | | 36" Width | | |
| 2 step | .145" | .109" | .065" | .145" | .109" | .065" |
| 3 Step | 42519 | 42515 | 42511 | 42159 | 42155 | 42151 |
| 4 Step | 42520 | 42516 | 42512 | 42160 | 42156 | 42152 |
| 5 Step | 42521 | 42517 | 42513 | 42161 | 42157 | 42153 |
| | 42522 | 42518 | 42514 | 42162 | 42158 | 42154 |

Therapeutic Ladder (shown with Safety Wedge)

Designed for hospital and/or handicapped treatment pools. Sloping design, handrails and steps spaced 10" apart permit easy entry by the elderly or infirm. If dimension from deck to pool floor is:

- 18" to 27" use 2-step 38" to 47" use 4-step
- 28" to 37" use 3-step 48" to 57" use 5-step

| | .145" | .109" | .065" |
|--------|-------|-------|-------|
| 2 step | 42701 | 42705 | 42709 |
| 3 step | 42702 | 42706 | 42710 |
| 4 step | 42703 | 42707 | 42711 |
| 5 step | 42704 | 42708 | 42712 |

[Spec Sheet No. TA 30.21](#)

Safety Wedge The protective wedge prevents swimmers from lodging between pool wall and ladder. To ensure maximum effectiveness each wedge is custom fit to each facility. Made from white polypropylene with stainless steel mounting brackets for easy installation or retrofit. I.D. No. 42725 (must be ordered separately)



Ladder Solutions

Sloping and Vertical Steps (include hardware)

Shipped in individual bags containing installation instructions and maintenance information. These are molded from UV inhibited ABS.

- 19" Vertical Step I.D. No. 44101
- 19" Sloping Step I.D. No. 44104
- 26" Vertical Step I.D. No. 44107
- 26" Sloping Step I.D. No. 44109



Sloping

Vertical

Stainless Steel Step (includes hardware)

- 19" Vertical Step (4" Deep x 1.9" OD tubing) I.D. No. 44102



Anchor Socket for anchoring all deck equipment unless otherwise specified. Cast bronze with locking bronze wedge and stainless steel bolt.

- Anchor Socket, Bronze I.D. No. 28102



Anchor Socket Cover

- Sold Separately I.D. No. 28104

Escutcheon Plates to cover anchor sockets. The deluxe unit is a chrome-plated bronze casting.

- Escutcheon Plate, Deluxe I.D. No. 28301



The standard escutcheon is a stainless steel stamping.

- Escutcheon Plate Stainless Steel, Standard I.D. No. 28302

- Spec Sheet AA20.29



Coping and Waterfront Ladders



Coping Ladder

For vertical wall pools where anchorage to pool structure is desired rather than to deck.

- Spec Sheet LD30.07



Pier Ladder

For installation on fixed concrete piers where bottom support for ladder is not possible. Installed in anchor sockets cast into deck.

- Spec Sheet LD30.11

1.90" x .065" wall thickness

| | Coping | Pier | Raft | Dock |
|--------|--------|-------|-------|-------|
| 2 step | 42501 | 42601 | 42604 | 42607 |
| 3 Step | 42502 | 42602 | 42605 | 42608 |
| 4 Step | 42503 | 42603 | 42606 | 42609 |



Dock Ladder

For installation on fixed wooden docks where bottom support for ladder is not possible. Fastened to decking with lag screws (included).

- Spec Sheet LD30.13



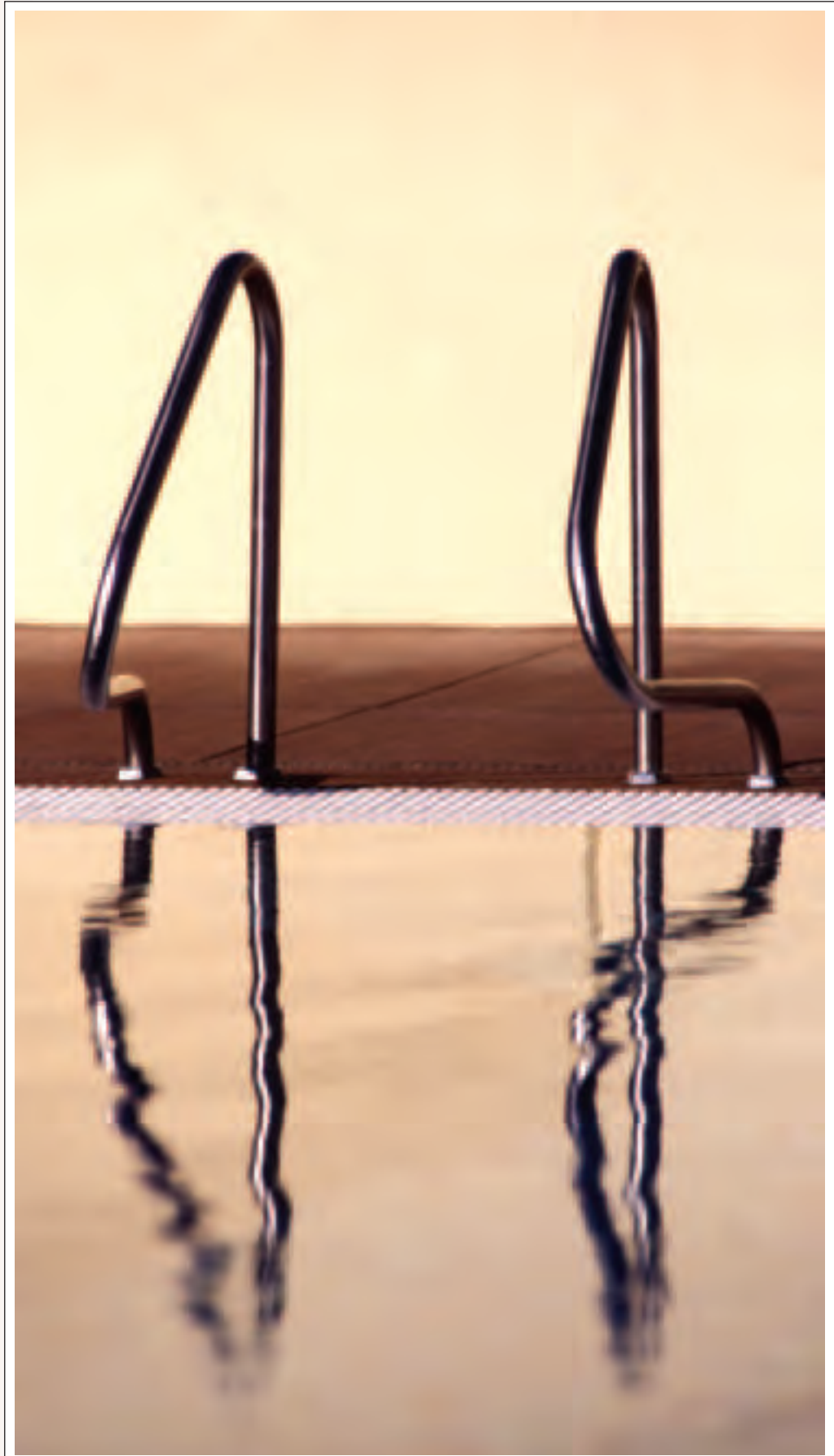
Raft Ladder

For installation on floating wooden rafts. Fastened with lag screws (included).

- Spec Sheet LD30.12

Grab Rails

Choose from among seven styles the one that most closely fits your needs. The heavier the traffic, the heavier the tubing you should select. Custom designs are also available. Order separately: four anchor sockets and escutcheon plates for each pair of grab rails.



Grab Rails

Grab rails come in pairs. They are used to keep racing lanes free of obstructions when used in conjunction with built-in steps.

Stainless Steel Recessed Step (15"W x 5"H x 5"D) sets flush in wall. Built-in step is grouted into a rough hole and has a sloped tread to promote drainage. Polished, corrosion-resistant, non-skid sand blasted bottom tread for added traction. Recommended for use in all climates. I.D. No. 32104



Frostproof Recessed Step (15-1/2"W x 5"H x 5-1/2"D) is heavy duty, foamed plastic without projecting lip. Textured bottom tread for added traction. Built-in step is grouted into a rough hole. Specifically recommended for use in freezing climates. White. I.D. No. 32102



Long Reach Pretzel

Similar to standard pretzel but recommended for installations with wide gutters. Legs are offset laterally to accommodate joints or obstructions in the pool deck.

.145" wall – I.D. No. 30211
.109" wall – I.D. No. 30212
.065" wall – I.D. No. 30213

Spec Sheet GR 20.50

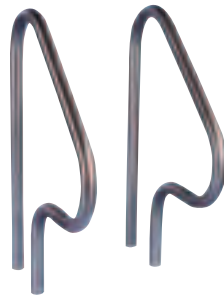
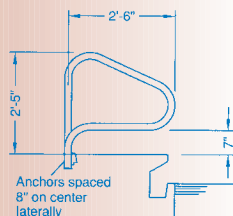
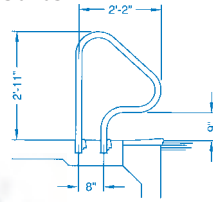


Figure 4

Our most popular model. For flat deck without unusual curbs or coping.

.145" wall – I.D. No. 30101
.109" wall – I.D. No. 30102
.065" wall – I.D. No. 30103

Spec Sheet GR 20.41

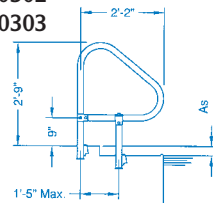


Adjustable Figure 4

Front leg is adjustable in field so it can be set atop curbs or into gutters. Choose this model when unusual conditions will not permit use of Figure 4 style.

.145" wall – I.D. No. 30301
.109" wall – I.D. No. 30302
.065" wall – I.D. No. 30303

Spec Sheet GR 20.45

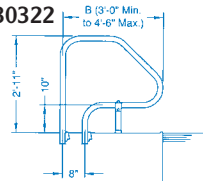


Long Reach Adjustable

Available in sizes to fit extra-wide gutter systems in the increasingly popular "fast-pool" design concept. Specify "B" dimension. Custom fabricated to pool profile.

.145" wall – I.D. No. 30320
.109" wall – I.D. No. 30321
.065" wall – I.D. No. 30322

Spec Sheet GR 20.49

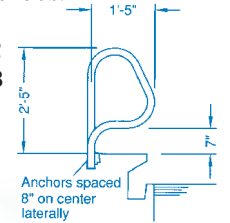


Pretzel Bend

Requires the least amount of deck width with the narrowest profile as the legs are offset laterally instead of front to back. Can usually be mounted on pool wall rather than the deck slab.

.145" wall – I.D. No. 30201
.109" wall – I.D. No. 30202
.065" wall – I.D. No. 30203

Spec Sheet GR 20.43

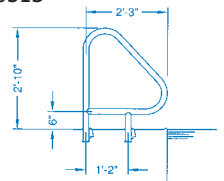


Welded Figure 4

If you furnish specific deck and gutter dimensions we can supply our Adjustable Grab Rail styling as a fixed, fully-welded unit.

.145" wall – I.D. No. 30511
.109" wall – I.D. No. 30512
.065" wall – I.D. No. 30513

Spec Sheet GR 20.46

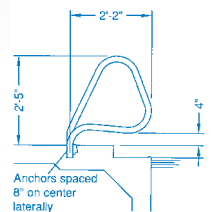


California

Made extra-wide to clear wide gutters or when deck-to-water distance is exceptionally great. Legs offset laterally to minimize deck width requirements. Front end dips downward for a shorter reach for low water level pools.

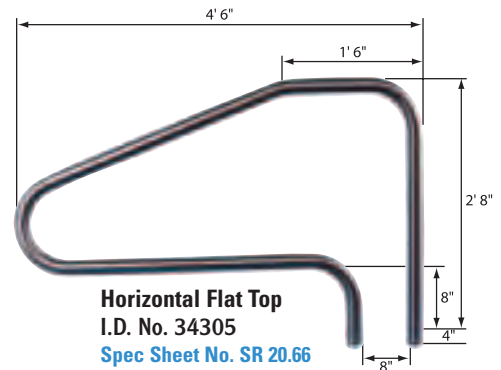
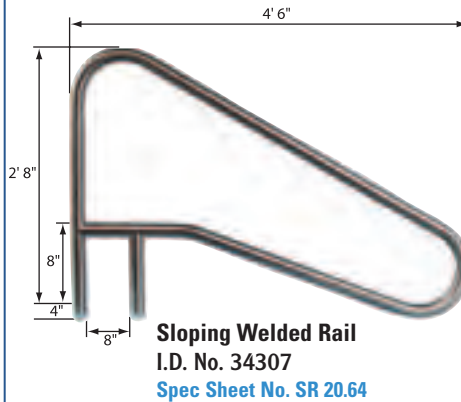
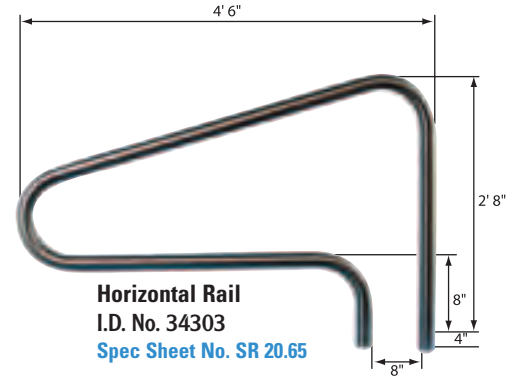
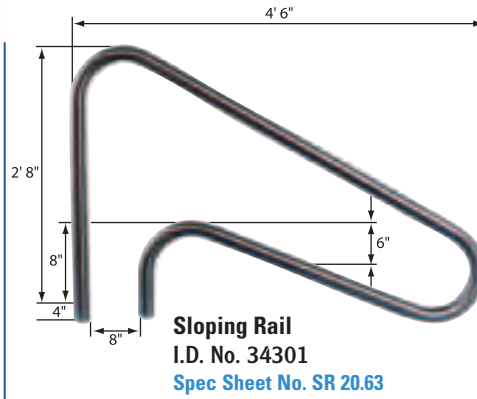
.145" wall – I.D. No. 30401
.109" wall – I.D. No. 30402
.065" wall – I.D. No. 30403

Spec Sheet GR 20.47



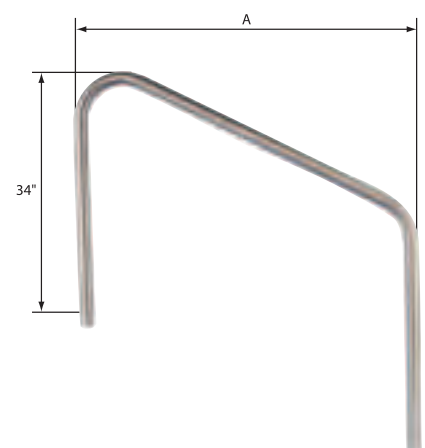
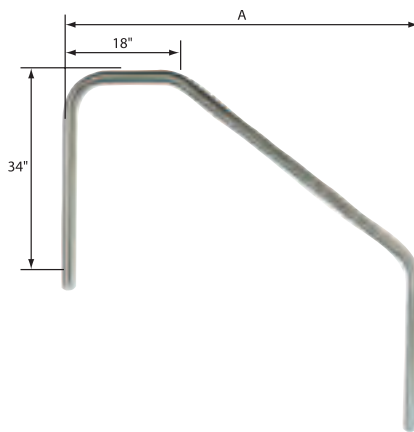
Deck Mounted Rails

Deck Mounted Rails are intended for use with vinyl or fiberglass pools having premolded steps. Anchorage of the rails to the deck is 8" on center and provides the stability needed without penetrating the molded steps. A variety of models are available to meet any pool or spa configuration. 1.90" O.D. x .065" wall thickness. Heavier gauges available upon request. All rails are 54" long and 32" high. T304 stainless steel polished and buffed to a 320 grit finish. Can be installed directly in concrete or in optional anchor sockets.



Stair Mounted Rails

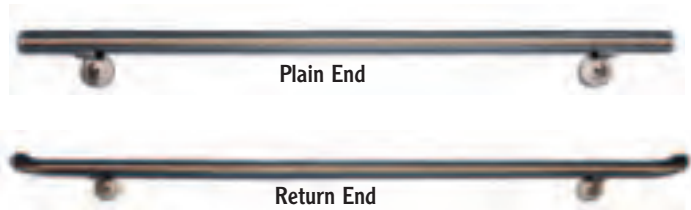
Stair Rails should be used on all pool entry steps as a necessary safety feature to allow safe entry and exit from the pool. T304 stainless steel polished and buffed to a 320 grit finish. Can be installed directly in concrete or in optional anchor sockets.



| | 48" wide | 60" wide | 72" wide |
|---------------------------------------------|----------|----------|----------|
| 2 bend | 34101 | 34102 | 34103 |
| 3 bend | 34201 | 34202 | 34203 |
| 1.90" O.D. x .065" wall thickness. | | | |
| For 2 Bend Ask for Spec. Sheet No. SR 20.61 | | | |
| For 3 Bend Ask for Spec. Sheet No. SR 20.62 | | | |

Exercise and Therapeutic Rails

For exercise or therapy, we offer wall mounted and free standing solutions.



Exercise Rails may be used as wall rails for additional stability for persons entering pools, showers, locker rooms, hallways and ramps. They may also help in aiding the therapist or client by providing wall-mounted support for warming and stretching exercises, as well as wall-mounted in the pool for hydrotherapy sessions. Mounted with lag bolt and shield to maintain a 1-1/2" clear opening between rail and wall. 1.90" O.D. x .065" wall thickness. Heavier gauges and OD's available upon request.

[Spec Sheet TA 20.80](#)

| Length (ft) | Plain Ends | | Return Ends | |
|-------------|------------|------------|-------------|------------|
| | 2 Brackets | 3 Brackets | 2 Brackets | 3 Brackets |
| 5 | 34401 | | | |
| 6 | 34402 | | 34411 | |
| 7 | 34403 | | 34412 | |
| 8 | | | 34413 | |
| 9 | | 34404 | | |
| 10 | | | | 34414 |
| 11 | | 34405 | | |
| 12 | | | | 34415 |
| 13 | | 34406 | | |
| 14 | | | | 34416 |



Lightweight Stainless Steel Therapy Parallel Bars Straddle bars are adjustable from a 28" to a full height of 40". Hand grips are comfortable to use. The supporting base is a solid one-piece welded construction which includes rubber pads to help stabilize the unit on a variety of floor surfaces so that it can be used in the therapy room, as well as in the pool. Custom lengths can be ordered.

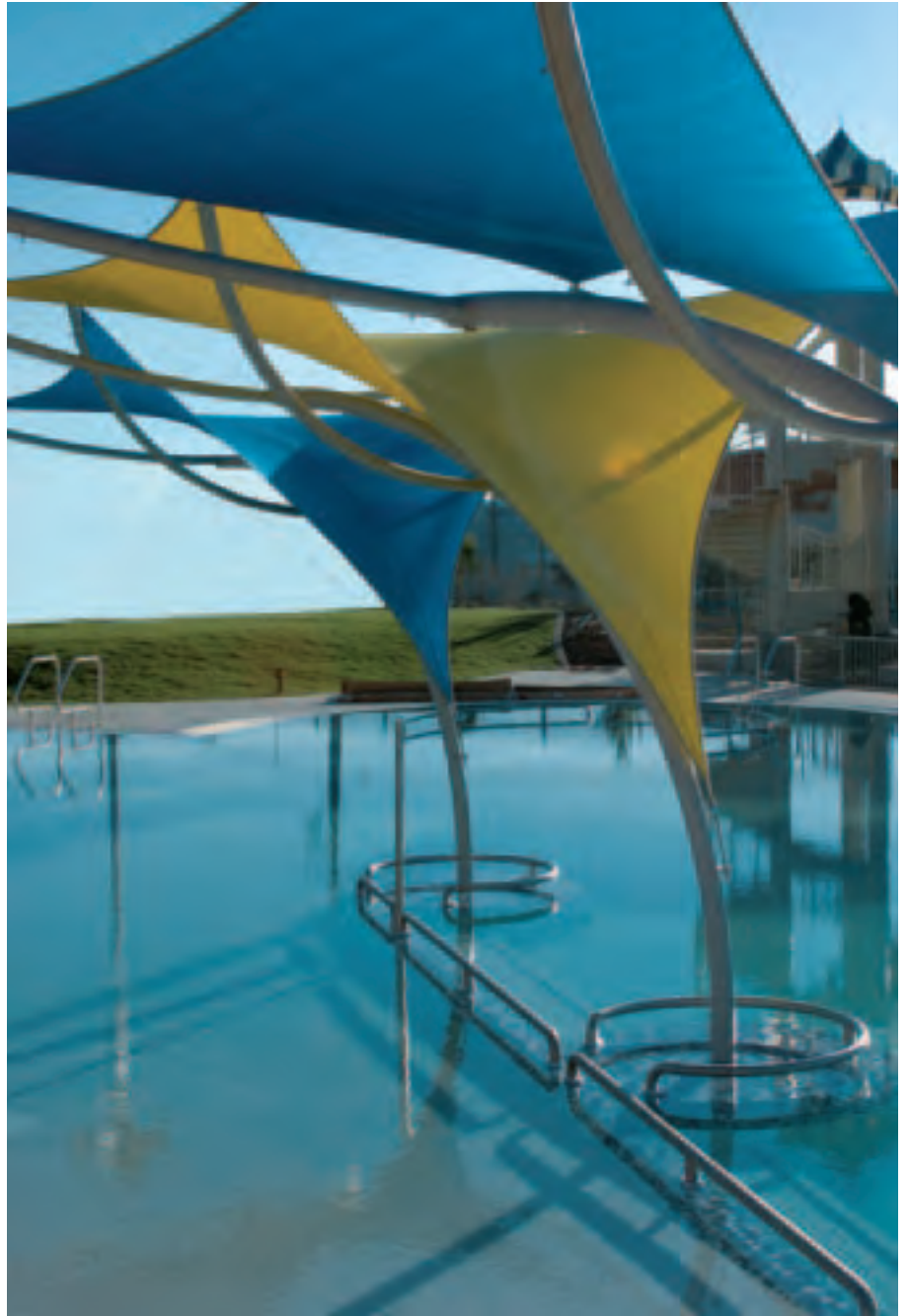
6' Length I.D. No 34510

8' Length I.D. No. 34515

[Spec Sheet TA 20.66](#)

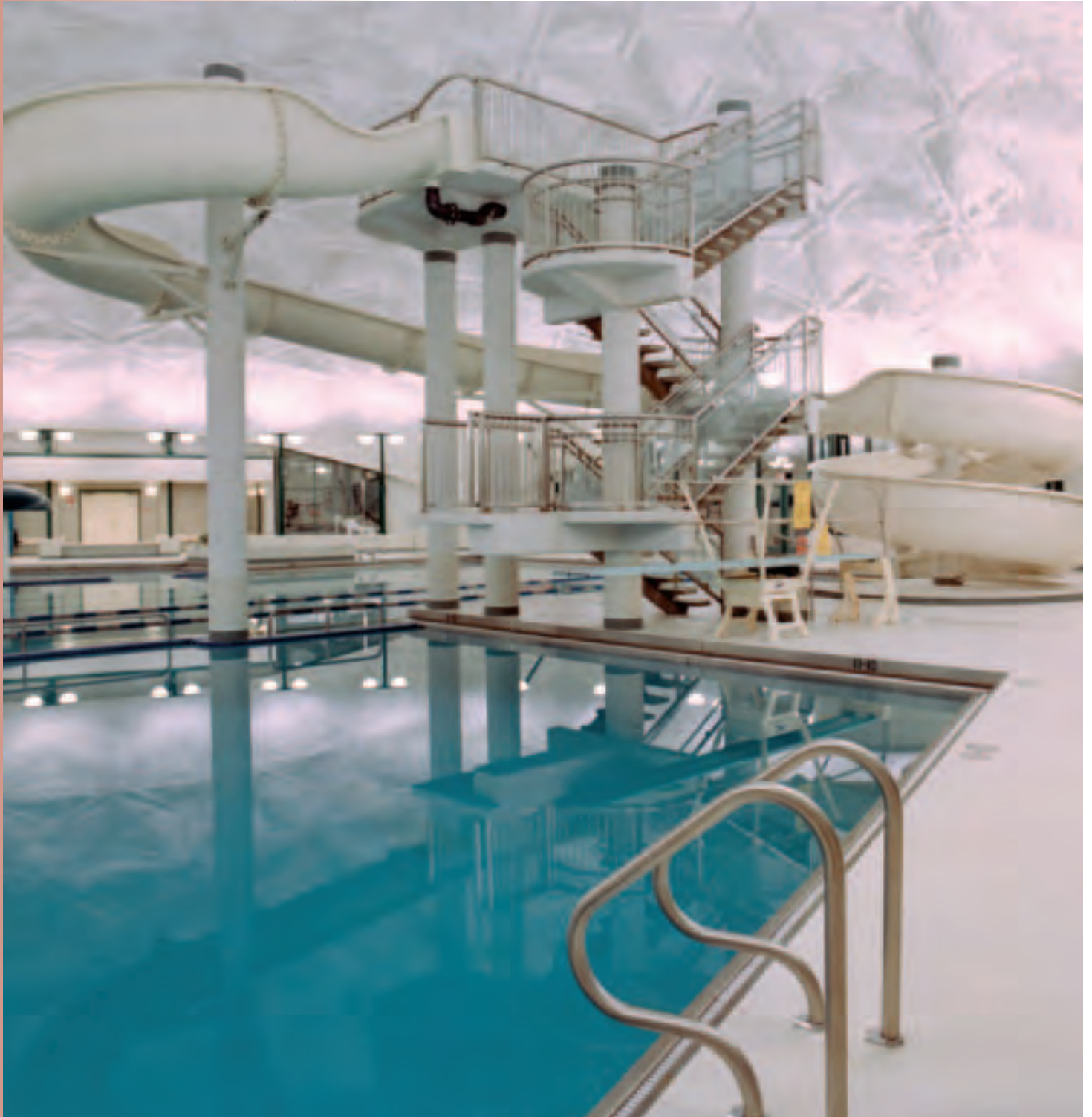
Custom-Made Railings

We will fabricate railings to your specifications whenever custom fabricated, corrosion-resistant, stainless steel railings are required. Can be used for any pool application including entry, ADA compliant, stairs, deck guards and diving towers. Design and engineering support are readily available.



PHOENIX, ARIZONA

Custom-Made Railings



NIKISKY, ALASKA

Underwater Lights

This superb collection of underwater lights includes the 100W and 250W Dynalites plus the ultra-thin, 500W Slimlite. All lights are bronze and copper construction with chrome-plated reflector shells. The 110-volt lights come with a protective grill. Each light is rigidly inspected and submersion tested for water tightness and performance. All lights come with halogen bulbs. The Dynalite series can be used in concrete, metal, fiberglass, or vinyl-lined pools and spas. All lights are UL listed, when used with our niches. Lights and niches are designed for use in fresh water only. Niches have a 3/4" or a 1" threaded connection for installation in concrete or vinyl pools, and should be ordered separately.

Dynalite/12V-100 Watt

Uses single 100 watt tungsten halogen bulb with average life rating of 750 hours and 1800 initial lumens. Low voltage does not require ground fault circuit interrupter. Transformer required. Compact 7-1/8" x 4" deep design makes installation easy. Various cord lengths available.

13' cord – I.D. No. 56101
26' cord – I.D. No. 56102 (standard)
Custom cord length – I.D. No. 56103

Lights: [Spec Sheet UL 80.40](#)

Niches: [Spec Sheet UL 80.60](#)

Replacement Bulb – I.D. No. 56807

Dynalite/110V-250 Watt

Uses a single 250 watt tungsten halogen bulb with an average life rating of 2000 hours and 2500 initial lumens. Fixture size is 7-1/8" diameter x 6-3/4" deep. Various cord lengths available.

13' cord – I.D. No. 56201
26' cord – I.D. No. 56202 (standard)
50' cord – I.D. No. 56203-50
75' cord – I.D. No. 56203-75

Custom cord length – I.D. No. 56203

Lights: [Spec Sheet UL 80.30](#)

Niches: [Spec Sheet UL 80.60](#)

Replacement Bulb – I.D. No. 56806

Slimlite/110V-500 Watt

10" diameter and only 3-1/2" deep, designed for fresh water, concrete pools. Installs in any wall without haunching the concrete, simplifying installation and construction. Dual bulb is wired parallel: one bulb stays lit even if the other burns out. Uses (2) 250-watt, double tube tungsten halogen bulbs with an average life rating of 2000 hours and 5000 initial lumens. Various cord lengths available.

13' cord – I.D. No. 56301
26' cord – I.D. No. 56302 (standard)
50' cord – I.D. No. 56303-50
75' cord – I.D. No. 56303-75

Custom cord length – I.D. No. 56303

Lights: [Spec Sheet UL 80.20](#)

Niches: [Spec Sheet UL 80.50](#)

Replacement Bulb – I.D. No. 56811

| Niches For Underwater Lights | | | | |
|------------------------------|----------|-------|-------|-------|
| Model | Concrete | | Vinyl | |
| | 3/4" | 1" | 3/4" | 1" |
| 500w | 56503 | 56504 | N/A | N/A |
| 250w | 56505 | 56506 | 56507 | 56508 |
| 100w | 56509 | 56510 | 56511 | 56512 |



Underwater Speakers

Sealed speaker for an underwater communication system between coach and swimmers, for providing background music for synchronized swimming and for scuba instruction. One speaker required for each 900 sq. ft. of pool surface area in deep water and one per 1200 sq. ft. in shallow area. Speakers are installed flush in niches within the pool wall and are covered by a protective grill. UL listed and recommended for use with Paragon niche.

UW30 Underwater Loud Speaker

A single 30-watt speaker adequately covers a 30' x 30' pool. Encased in blue high-impact ABS cover and sealed for underwater use to a depth of up to 10 feet. (Niche and grill sold separately).

50' cord – I.D. No. 68101-1

Ask for product literature.

Niche for UW30 Speaker

Heavy-duty, cast bronze construction with 3/4" ips threaded connection. Includes mounting hardware. Recommended mounting location is up to 4 feet below surface of the water and flush with the pool wall.

I.D. No. 68102

Stainless Steel Grill

Mounts flush with pool wall.

I.D. No. 68103SS

[Spec Sheet US 80.07](#)



Underwater Windows

Commonly used as an aid to swimming and diving instruction enabling coach to observe swimmers and divers in action. Permits photography and televising of all aquatic activities. Can be installed in any concrete pool – poured or gunite – and with any finish – plain, plastered or tiled. The windows are set flush in the wall with no projections into the pool. All windows are shipped factory sealed and pressure tested for water tightness.



PHOTO COURTESY OF SPEEDO

Rectangular Underwater Observation Window

Glazing can be either a glass laminate consisting of three plies of 3/8" thick tempered glass in accordance with ANSI specification Z-97.1, ASTM C-1036-85 and C-1048-85, and 16 CFR 1201 Category II, with interfaces of polyvinyl Butyral .080" thick or a single thickness of 1-1/4" plexiglass. Frame is constructed entirely of stainless steel.



Note: If a window must be submerged at greater depths than listed, or a special size is needed, please contact our Engineering Department for recommendations.

Laminated Tempered Glass Glazing

| Window Size (Clear Opening) | Max Depth of Water to Center of Window | I.D. No. |
|-----------------------------|----------------------------------------|----------|
| 24" x 24" | 14'-6" | 66101SS |
| 24" x 36" | 8'-6" | 66102SS |
| 24" x 48" | 7'-0" | 66103SS |
| 24" x 60" | 6'-3" | 66104SS |
| 36" x 36" | 6'-6" | 66105SS |
| 36" x 48" | 4'-3" | 66106SS |
| 36" x 60" | 3'-6" | 66107SS |

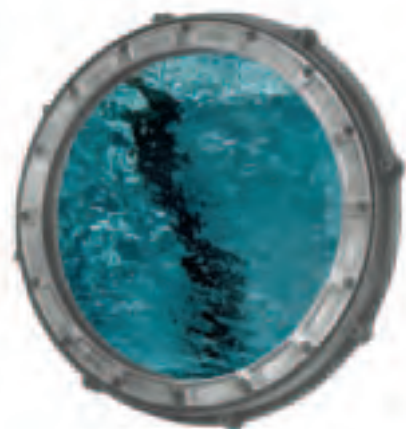
Plexiglass Glazing

| Window Size (Clear Opening) | Max Depth of Water to Center of Window | I.D. No. |
|-----------------------------|----------------------------------------|----------|
| 24" x 24" | 16'-6" | 66201SS |
| 24" x 36" | 9'-3" | 66202SS |
| 24" x 48" | 6'-6" | 66203SS |
| 24" x 60" | 6'-0" | 66204SS |
| 36" x 36" | 4'-9" | 66205SS |
| 36" x 48" | 3'-0" | 66206SS |

Spec Sheet UW 80.01

Round Underwater Observation Window

Recommended where multiple viewing areas are required in swimming pools and thermostorage water tanks. Window has an 18" diameter viewing area and construction is of nickle-plated cast bronze. Front face is finished in polished chrome plating. Glazing is either a glass laminate consisting of two plies of 3/8" thick tempered glass in accordance with ANSI Spec Z-97.1 with interfaces of polyvinyl Butyral .080" thick or a single thickness of 3/4" plexiglass.



18" Diameter Round Windows (Clear Viewing Area)

| Glazing Material | Max Depth of Water to Center of Window | I.D. No. |
|------------------|----------------------------------------|----------|
| Lam. Glass | 14'-6" | 66302 |
| Plexiglass | 8'-9" | 66301 |

Spec Sheet UW 80.03

Water Polo Goals

Designed to meet the official rulings of FINA, NCAA, NFHS, and USA Water Polo.

Goal cages can be adjusted vertically to have the top of the cage at regulation height. Supporting legs fold flat against the cage for compact storage on the deck. The facia is a white, channel section made of glass reinforced polyester resin. Heavy duty frame is constructed of stainless steel tube. Goals are furnished as a pair, but backings/nets and anchors must be ordered separately. Each pair of cages requires four stan-chion sockets and one pair of backings/nets.



Water Polo Goals (pair)

Goal posts and crossbar are rigidly constructed and come with 3" white fiberglass facia facing the field of play. The inner sides of the goal posts are 118" apart.

I.D. No. 36104

Nylon Black Tarred Net (pair)

Water polo nets are constructed of 100% nylon netting with a 1-1/2" square mesh. The nets are treated for weather and water resistance.

I.D. No. 36201

Solid Blue Backings (pair)

Backings are constructed of #80 navy blue vinyl. The outside perimeter of the product is sewn with a binding of the same material and has grommets on 10" centers on all outside edges.

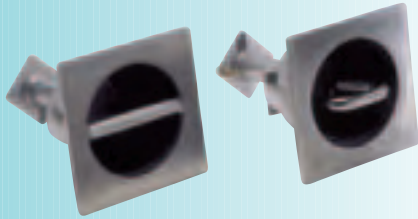
I.D. No. 36202

[Spec Sheet WP 20.17](#)

Pool Accessories

Stainless Steel Commercial Cup Anchors

Anchored into pool wall for use with racing lanes and life lines. New cast stainless steel cup anchor with integral bar or triangular eye bolt for attaching multiple lanes.



Cup Anchor with Integral Anchor Bar
I.D. No. 70316SS

Cup Anchor with Triangular Eye Bolt
Eye Bolt is removable and replaceable
I.D. No. 70316SE
Triangular Eye Bolt
I.D. No. 70321



Heavy Duty Eye Bolt
I.D. No. 70317

Threaded Wall Insert for Heavy Duty Eye Bolt
I.D. No. 70318



Standard Eye Bolt
I.D. No. 70319

Threaded Wall Insert for Standard Eye Bolt
I.D. No. 70320



COMPETITOR® Anti-Turbulent Racing Lanes

Lanes are required for competitive swimming to separate racing lanes and to dampen turbulence. Continuous 4" diameter flow-through design discs of alternating colors are strung on a vinyl-covered stainless cable. Complete with end hooks and tensioning devices. Storage reel will hold seven 25-yard, six 25-meter or three 50-meter lanes. Standard colors are red, yellow, blue, green, brown, orange, purple, white, maroon, and black.

| Lane Length | I.D. No. |
|---------------------------|----------|
| 60 feet | 76101-1 |
| 25 yard | 76102-1 |
| 25 meter | 76103-1 |
| 50 meter | 76104-1 |
| 25 meter (w/disconnect)* | 76105-1 |
| 50 meter (w/disconnect)** | 76106-1 |

| | |
|----------------|---------|
| Storage Reel | 76107-1 |
| Take-up Reel | 76118-1 |
| Ratchet Wrench | 76119-1 |



* 7' disconnect yields 25 yard lane.
** Yields 2 equal 25 meter or 25 yard lanes.

Paragon Lane Storage Reel

Lightweight yet rugged stainless steel construction with zinc plated individual, double lock casters. Holds up to 650 feet of 4" lane lines and requires little maintenance. Ideal for commercial and institutional pools.

Standard Model holds up to 540 feet of 4" lanes
I.D. No. 75101

Standard Model with stainless steel casters
I.D. No. 75101SS

Large Capacity model holds up to 650 feet of 4" lane
I.D. No. 75111

Large Capacity model with stainless steel casters
I.D. No. 75111SS



Lane Storage Reel Cover

Heavy-duty construction in blue 16 oz. textured vinyl. All seams are double stitched with white polyester thread. Fits all KDI Paragon lane reel models.
I.D. No. 75133
[Spec Sheet PA 40.01](#)

Replacement stainless steel casters
I.D. No. 75103SS

Replacement zinc plated casters
I.D. No. 75103



Pool Accessories



Paragon Aquatics Backstroke Flag Color Selection

Pennant Lines

Triangular pennants of alternating colors spaced according to regulations. Pennants and line are of synthetic materials. Specify pool width when ordering—5'0" extra will be provided at each end to reach to stanchions. Also specify colors desired. Standard colors are navy blue, Dartmouth green, royal blue, teal, brown, gray, orange, yellow, silver, red, medium blue, light blue, mauve, kelly green, maroon, and purple. Also in black and white (not shown). Custom lettering is available upon request.

Finish Line 18" x 30" pennants
I.D. No. 40101

Backstroke Line 12" x 18" pennants
I.D. No. 40102
[Spec Sheet AA 20.67](#)

Stanchions

For supporting backstroke lines, finish lines, recall lines and splash curtains. They are made of stainless steel tube, capped at one end with a T304 stainless steel closure plate and U-hook. A sliding collar with eye bolt is optional and can include one or two eye bolts per collar.



Backstroke Line



Finish Line



Stanchion Sockets

For stanchions and water polo goals. Three styles are available. Cast bronze with slip-fit cap (or threaded cap) plus stainless steel with slip-fit cap.



[Stanchion Socket, Bronze \(Threaded Cap\)](#)
I.D. No. 38201-TC

[Key for Bronze Threaded Cap](#)
I.D. No. 38202

| Material | Stanchion Height | Stanchion Height |
|------------|------------------|------------------|
| 1.90" O.D. | 4'-6" I.D. No. | 8'-0" I.D. No. |
| .065" wall | 38101 | 38102 |
| .109" wall | 38103 | 38104 |
| .145" wall | 38105 | 38106 |

[Sliding Collar with Eye Bolt](#)
I.D. No. 38301
[Spec Sheet AA 20.67](#)

[Stanchion Socket, Bronze \(Slip-Fit Cap\)](#)
I.D. No. 38201



[Stanchion Socket, Stainless Steel \(Stainless Steel Cap\)](#)
I.D. No. 38210
[Spec Sheet AA 20.67](#)



[Key for Slip Fit Cap](#)
I.D. No. 23303



Hose Reel

The ideal solution for storing unsightly and cumbersome pool vacuum hose. Unique solid stainless steel construction ensures years of trouble-free use with minimal maintenance. Reels hold up to 100 feet of 2" diameter hose. Units are portable and designed to fit through a standard door. Vacuum hose stores conveniently.

I.D. No. 75151
[Spec Sheet PA 40.03](#)



Materials Used in the Manufacture of Paragon Products

Our products are made of the finest materials. Our selection is based upon the best value without sacrificing quality. Our standard stainless steel is dual certified T304 polished and buffed to a 320 grit finish, and all welds are electro-chemically passivated for maximum corrosion resistance. We also offer T316L stainless steel, as an upgrade, as well as electro-polished and powder coated finishes upon request. However, each has their advantages and disadvantages and none will eliminate the need for proper care and maintenance.

At Paragon Aquatics we have and will continue to accommodate our industry's requirements by offering products in all grades and sizes. The Americans with Disabilities Act (ADA) Guidelines for handrail diameters have been finalized to include outside diameters ranging from 1-1/4" to 2". This variety is offered because no one size is best for all applications. Although we manufacture most rail goods from 1.90" O.D. stainless steel tubing, we can accommodate the various ranges and requirements and welcome the opportunity to do so.

We are always available to provide you with complete and reliable information to make the right choice for your specific project.

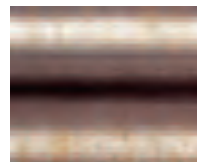


How To Keep Your Stainless Stain-Less

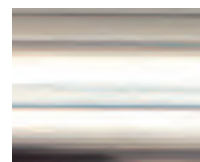
When properly maintained, stainless provides excellent luster, strength and durability. And, in most applications, stainless will not rust or stain even after many years of service.

However, stainless steel is NOT stain or rust proof. Stainless steel naturally forms an invisible film on the surface called chrome-oxide which helps protect the finish. When chloride salts, sulfides, or any other rusting contaminants are allowed to remain in contact with the protective film it may break down the barrier and accelerate the corrosion process. You can restore the barrier with a periodic cleaning and maintenance program.

Proper care and maintenance of stainless in pool environments, or other situations where stainless may be exposed to corrosive elements, will help keep your stainless products beautiful and functional for years to come.



Rusted Rail



Same rail after cleaning with car wax.

What Not To Do:

- DO NOT use coarse abrasives, like sandpaper or steel wool, on stainless. These may actually cause rusting.
- DO NOT clean with mineral acids or bleaches.
- DO NOT leave stainless in contact with iron, steel, or other metals which cause contamination leading to rust or corrosion.
- DO NOT store stainless steel equipment in the near vicinity of chlorine.

What To Do:

- Clean stainless frequently with soap and water. Any cleaner safe for glass is usually safe for stainless.
- Remove rust spots as soon as possible with a brass, silver, or chrome cleaner. Irreversible pitting will develop under rust that remains on stainless for any period of time.
- Use a cleaner, like a good car wax, for added beauty and protection.
- When rubbing is necessary to remove difficult stains, care should be taken to follow the polish lines. Rinse thoroughly after cleaning.
- Routinely inspect equipment for signs of discoloration. Clean or replace contaminated parts (such as hardware and other attachments).



**PARAGON
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Pentair Water

INNOVATIVE SOLUTIONS IN
COMMERCIAL AND RECREATIONAL
SWIMMING POOL EQUIPMENT



THINKING TOWARD THE FUTURE, CHANGING WITH THE TIMES.

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www.paragonaquatics.com

Please refer to our web site for a complete list of Paragon Aquatics authorized distributors.

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THANK YOU! We wouldn't be one of the industry leaders in competitive and recreational swimming pool equipment without you and we appreciate your business. We feel great pride in knowing that our quality products and service keep bringing you back.

"No problem" is what you will hear from our team at Paragon Aquatics whenever you call with a special request. We specialize in custom work and our highly qualified engineers, fabricators, and other specialists will do whatever it takes to provide you with the equipment that you need for your facility. No job is too big or too small!

Total system solutions is what you can expect from Paragon Aquatics.

The Paragon Awards are presented annually in association with the International Swimming Hall of Fame. They are bestowed upon those individuals who have demonstrated exceptional efforts, dedication, motivation and discipline in each of the following categories:

- Competitive Swimming
- Competitive Diving
- Water Polo
- Synchronized Swimming
- Aquatic Safety
- Recreational Swimming

