

Starting Platform Selection Guide

Choosing a Platform

Determine The 'B' Dimension:

Refer to the diagrams on Page 2 and at right. Based on the pool type, choose an anchor setback dimension, 'B', that will meet or exceed Paragon's recommendations. The dimension is always taken from the vertical pool wall to the center of the anchor socket.

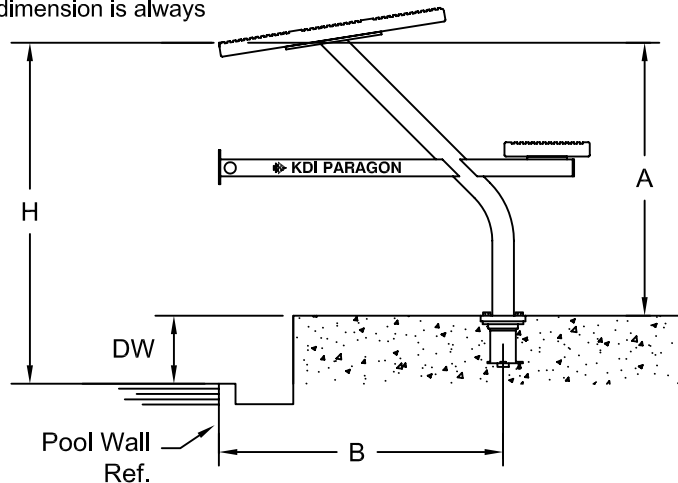
Calculating The 'A' Dimension:

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 (see figure at right). **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.

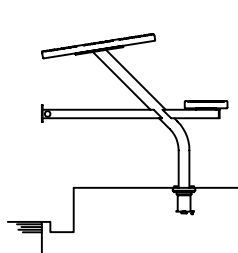
In General: $A = H - DW$

Select An Appropriate Platform:

For each given pool type, Paragon has general platform recommendations (See page 2). These are provided for your convenience in selecting a platform. Select a platform with the appropriate 'A' and 'B' dimensions as determined above. The diagrams below reference Paragon's standard platform style offerings.



* Paraflyte platform shown for reference only.



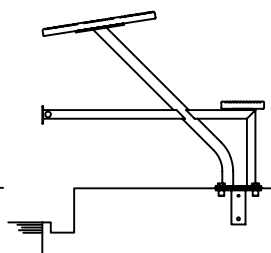
Standard

A: 17" to 30"
B: 21" to 26"

Specification Sheet

Paraflyte: SS-10.51

Quickset: SS-10.52



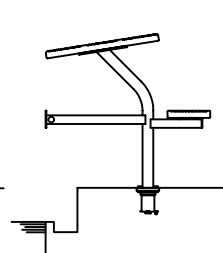
Long Reach

A: 28" to 31"
B: 34 1/2"

Specification Sheet

Paraflyte: SS-10.53

Quickset: SS-10.54



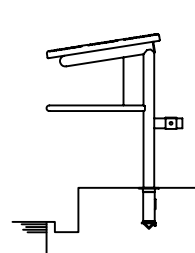
Florida

A: 24" to 28"
B: 18"

Specification Sheet

Paraflyte: SS-10.55

Quickset: SS-10.56

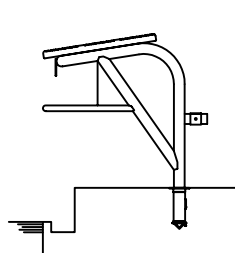


Competitor

A: 24" to 28"
B: 18"

Specification Sheet

SS-10.59

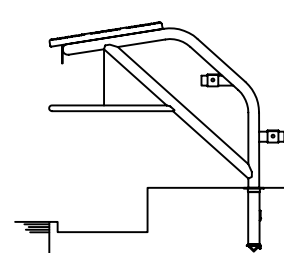


Long Reach Competitor

A: 17" to 31"
B: 20" to 29 1/2"

Specification Sheet

SS-10.60.1

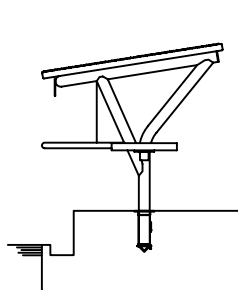


Long Reach Competitor

A: 21" to 31"
B: 30" to 40"

Specification Sheet

SS-10.60.2



Trackstart Side Step

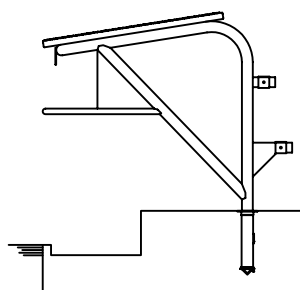
A: 17" to 31"
B: 18" or 24"

Specification Sheet

SS-10.60.3

SS-10.60.4

SS-10.60.5

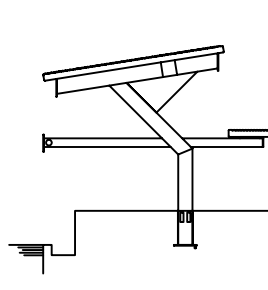


Long Reach Trackstart

A: 21" to 31"
B: 36" to 40"

Specification Sheet

SS-10.60.6

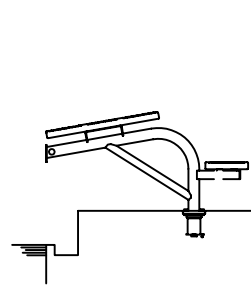


Trackstart Quickset

A: 17" to 30"
B: 21" to 26"

Specification Sheet

SS-10.60.7



Varsity

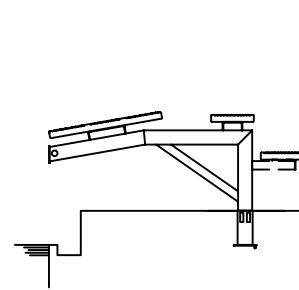
A: 8" to 18"
B: 14", 18", 21" or 26"

Specification Sheet

Paraflyte: SS-10.61

SS-10.62

Quickset: SS-10.63



Varsity Long Reach

A: 16" to 19"
B: 34 1/2"

Specification Sheet

Paraflyte: SS-10.64

Quickset: SS-10.65

Note: While the standard styles and sizes shown above will fit the majority of applications, Paragon Aquatics would be glad to custom design a platform to satisfy your facility's unique needs. Please contact your local Paragon Aquatics distributor with your pool measurements explained above and our Engineering Department will be happy to assist you with custom designing a starting platform to fit your needs.

The data represents the latest knowledge available to us at time of presentation. However, Paragon Aquatics and others involved in gathering and presenting this drawing assume no liability for its use.

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Drawn by: JMM Date: 3/23/10 Approved by: RV Date: 3/23/10

Sheet Title: Starting Platform Selection Guide

Drawing Number: SS-SP10.50

Revision Letter: C

Sheet: 3 of 3

Starting Platform Selection Guide

HOW TO SELECT STARTING PLATFORMS

1. **Review all information** in this specification to become familiar with ruling body requirements, terminology, and information needed to properly size a starting platform for a given pool.
2. **Establish the maximum desired height above water** by using the chart below. First determine the applicable ruling body which governs competitive swimming for your swimming pool. The information provided is the latest available at 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, as they may supercede the regulations set forth below. In the instance of a discrepancy in requirements, use the more conservative set of requirements.



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 Height Above Water					
Water Depth (feet)	Less than	4	4 $\frac{1}{2}$		Water Depth Measurement From Pool Wall	Backstroke Bar Height Above Water	Size & Slope of Top (towards pool)
	Equal or More Than		4	4 $\frac{1}{2}$			
Ruling Body & S/P Height Above Water (inches)	FINA	No Starting Platform		20 - 29 $\frac{1}{2}$	1 to 6 Meters	.3 to .6 Meters (Horizontal & Vertical)	.5 Meters Square Min/ 10° Max
	NCAA	N/A	30 Max		Not Specified	30" Max	20" - 34" long x 20" Min wide/ 10° Max
	USAS	No Starting Platform	20 - 29 $\frac{1}{2}$ L.C. 30 Max S.C.		From 3'-3 $\frac{1}{2}$ " to 16'-5"	From 12" to 24"	20" x 20" Min/ 10° Max
	USMS				From 3'-3 $\frac{1}{2}$ " to 16'-5"	From 12" to 24"	20" x 20" Min/ 10° Max
	NFHS		30 Max		From End Wall (0") to 16'-5"	30" Max	20" x 20" Min/ 10° Max

3. **Determine the pool type** based on the four types shown on page 2. Fill in the dimensional information for the pool type which most closely resembles the facility's gutter profile.
4. **Determine available deck space for anchor placement.** Choose an appropriate B dimension which is defined as the horizontal distance from the vertical pool wall to the centerline of the intended anchor position. Please note that Paragon recommends a minimum of 5" between the center of the anchor socket and any disruption of the slab (ie: joints, curbs, trenches, drains, etc.). Please note if there is a room beneath the deck slab as this may affect the placement or style of starting platform that may be used.
5. **Determine the 'A' dimension** which is defined as the vertical dimension from the top of the anchor socket (flush with the pool slab) to the top, front edge of the starting platform top (see page 2). The A dimension plus the deck to water dimension (DW) cannot exceed the maximum height above water as determined by your ruling body. If your pool deck is sloped (for drainage), please account for the rise/drop of the deck in calculating the 'DW' dimension.
6. **Choose an appropriate starting platform** based on the A and B dimensions. A variety of platform styles with an assortment of anchoring systems is available. Please refer to separate starting platform specification sheets for more specific information. If you need assistance in selecting a platform, please contact your local Paragon Aquatics distributor for more assistance.

NOTE: While Paragon Aquatics offers a wide variety of standard platform sizes and anchoring options, we realize that applications will arise where a custom platform may be necessary to fit your needs. Please contact us with the information gathered above and we will be happy to assist you in custom sizing/designing a platform to fit your application.

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Starting Platform Selection Guide

General Pool Types

Type 1:

Generally platform anchors are placed in the deck after the parapet curb at a minimum distance of 5" greater than E + F. On occasions platforms can be mounted in the center of the Parapet itself.

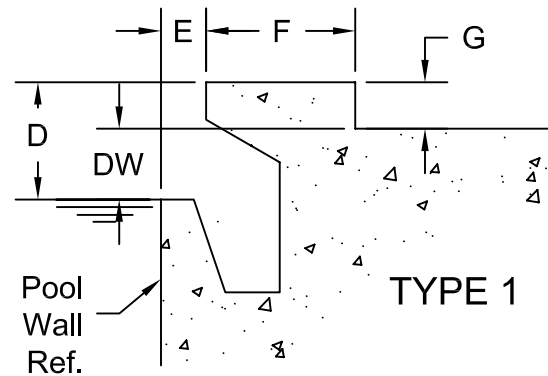
Deck to Water Dimension:

$$DW = D - G$$

(If the pool deck is sloped, please note when filling out gutter profile sheet)

Recommended Platform Types:

Standard Paraflies and Quicksets, Longreach Paraflies and Quicksets, Longreach Competitors, Trackstart Side Steps, Long reach Trackstarts



Type 2:

Generally platform anchors are placed in the deck after the gutter at a minimum distance of 5" greater than dimension E.

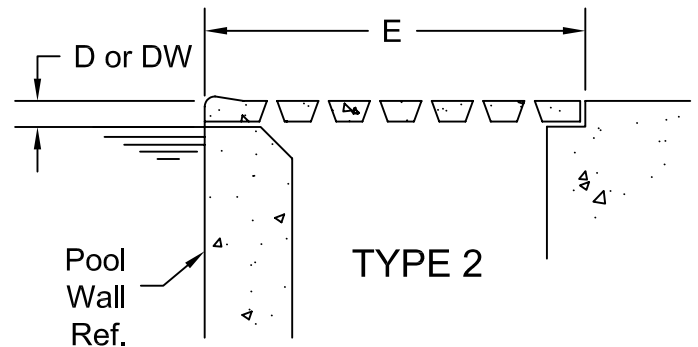
Deck to Water Dimension:

$$DW = D$$

(If the pool deck is sloped, please note when filling out gutter profile sheet)

Recommended Platform Types:

All



Type 3:

Generally platform anchors are placed in the deck after the gutter at a minimum distance of 5" greater than dimension E.

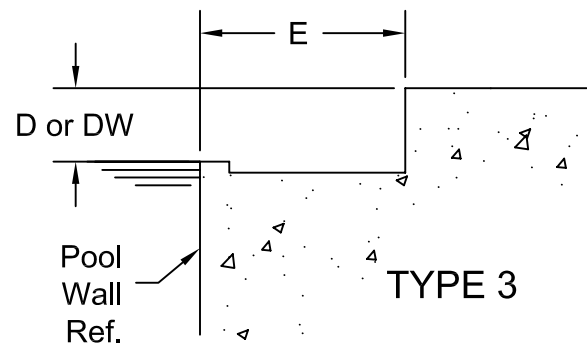
Deck to Water Dimension:

$$DW = D \quad (\text{Generally, } D=0")$$

(If the pool deck is sloped, please note when filling out gutter profile sheet)

Recommended Platform Types:

Longreach Paraflies and Quicksets, Long Reach Competitors, Long Reach Trackstarts



Type 4:

Generally platform anchors are placed in the deck after the curb at a minimum distance of 5" greater than E + F. If the platform type selected has a support gusset, please make sure the anchors are set far enough back where the gusset will not contact the curb. On occasions, platforms can be mounted in the center of the curb.

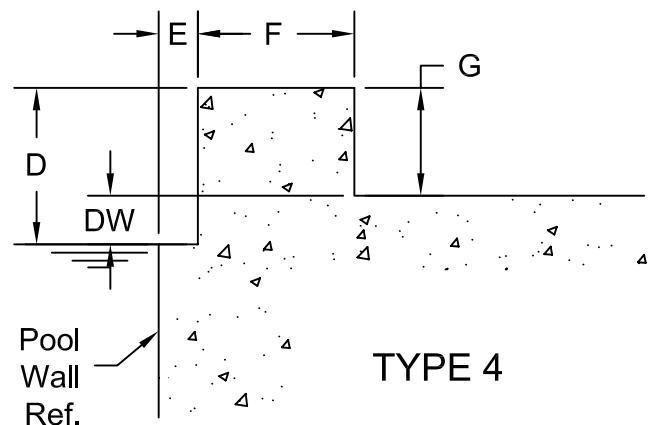
Deck to Water Dimension:

$$DW = D - G$$

(If the pool deck is sloped, please note when filling out gutter profile sheet)

Recommended Platform Types:

Florida Paraflies and Quicksets, Long Reach Paraflies and Quicksets, Long Reach Competitors, Long Reach Trackstarts, Varsity Paraflies and Quicksets



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