

HEALTHY FUTURES ARE MADE IN THE FASTLANE

Whether you are training to be the next Olympic butterfly champion or are simply swimming for the sheer joy of it - a FASTLANE helps you shape your future.

You decide where you want to go. We provide the current to get you there.

Considering expanding your pool's potential?

Consider a better life in the FASTLANE.



See a FASTLANE in action: Call 1-800-880-SWIM and request a FREE DVD.
For more information visit www.swimfastlane.com



2008 VGB Compliant



1601 Dutton Mill Road, Aston, PA 19014-2831
Web: www.endlesspools.com E-mail: swim@endlesspools.com



7.94 x 7.25 in

Life is better

in the FASTLANE.



Presenting the

FASTLANE[®]

A swim current generator for any pool.

TRANSFORM YOUR POOL

A refuge, a spa, a fitness facility ~ the opportunities are endless...

There is nothing quite like a backyard pool. Relaxing, rejuvenating, and a natural gathering place for family and friends. It beautifies your property and refreshes your mind as well as your body.

And now that beautiful body of water can be used for serious fitness purposes as well.

The FASTLANE transforms virtually any pool into an endless river, opening up a sea of possibilities for anyone who wants to use their pool for exercise. It's like opening up a health club in your backyard.

The FASTLANE is perfect for every level swimmer, from dog-paddlers to experienced competitors.



Several FASTLANE models are available: The WALL MOUNT is designed for new pool construction

THE FASTLANE IS CURRENT

The FASTLANE creates a current in your pool that mimics a smooth flowing river.

The turbulence free stream is wider than your body and deeper than your stroke, yet narrow enough to allow others to enjoy the pool while you swim.

Unlike jetted alternatives, the FASTLANE generates a wide block of crystal clear, bubble free, and completely adjustable water flow: creating the perfect swimming environment. And the FASTLANE has numerous applications beyond swimming: aqua jogging, water aerobics, even rehabilitation therapy.

The FASTLANE unit will not interfere with your other leisure pool activities, and is inconspicuous when not in use.



While the DECK MOUNT fits over the side of an existing pool. The FASTLANE fits outdoor pools, indoor pools and most above ground pools.

THE ULTIMATE IN CONVENIENCE

If you commute to a large community pool to get your laps in, the FASTLANE takes that stress out of your life.

Consider a typical commute: pack your equipment, lock the door, load your car, negotiate traffic, check in, suit up, secure your locker, wait for a lane, negotiate around lane partners, shower off, and then begin the long trek home. Then add child care, rush hour traffic... sound familiar?

Now consider the FASTLANE: suit up, hop in your pool, push a button, and swim. Absolutely liberating.

For kids the FASTLANE is the best pool toy ever. They'll love learning to swim against the gentle current. Turn the current up and the pool becomes an endless resource for games and play.

A FASTLANE is safe, private, clean, and always available.

*"With a FASTLANE in your pool, you're the fastest swimmer around."
Heather Fuhr
15 Time Ironman Champion*



The FASTLANE is so easy to operate:

- ~ Press the ON/OFF button on your remote control to start the current
- ~ Adjust the speed to your desired pace
- ~ Swim into the current and keep swimming
- ~ Change speed with the FASTER and SLOWER buttons
- ~ To stop, simply swim out of the current and press the ON/OFF button

THE SERIOUS SWIMMER

Thousands of dedicated swimmers throughout the world have improved their performance by training with the patented technology found in the FASTLANE.

By eliminating flip-turns and other distractions, you can concentrate on the quality, fluency and subtlety of your stroke, enabling you to judge the efficiency of each element of your swim.

By utilizing our optional on-deck swim pace display, underwater mirror or video equipment, you can quickly, and precisely, analyze your technique. Sports professionals find the instant feedback these tools provide invaluable.

Swim coaches, physical therapists and professional athletes have been recommending our swimming currents since 1988. Since our founding, we have led the industry in providing machines and training tools to the swimming community. We've accomplished this by listening closely to our clients and offering unequalled customer service and support.



Add these professional tools to your routine and see the results immediately:

- ~ Swim Pace Display
- ~ Floor Mirror



The WALL MOUNT FASTLANE:

- ~ For new construction or renovation jobs
- ~ No deck obstructions
- ~ Choice of colors

NEW POOL. OLD POOL. YOUR POOL.

The FASTLANE can be installed in concrete, fiberglass, gunite, masonry, or vinyl-lined pools, and in most above ground pools as well.

The WALL MOUNT FASTLANE is typically installed while your pool is being built. It anchors directly into the pool wall and sits at the water level.

The DECK MOUNT FASTLANE fits over the side of an existing pool. It's easy to install and fits in virtually any existing pool.

The FASTLANE is 29" wide and can be placed on any pool wall where the water is 35" deep. A clearance of 24" on each side is needed for proper water intake. Experts are always available to answer questions concerning placement and installation.

"With the FASTLANE in the backyard all the kids can swim. We can make it fun. They always, always, ALWAYS ask, 'Can we turn on the FASTLANE?' So swimming at home and having a pool in the backyard has been a real blessing."
Tara Whelton
Office Manager, Murietta CA



The DECK MOUNT FASTLANE:

- ~ Simple, drop-in convenience
- ~ Adaptable to all coping systems
- ~ Can easily be relocated



FASTLANE Acrylic Finishes:



Platinum



Sapphire Blue

ENGINEERED FOR SAFETY

The FASTLANE is engineered to be easy to operate, extremely safe to use, and economical to run.

With more than 16,000 swimming machines in every state and over 70 countries, safety, reliability and customer satisfaction are our top priorities.

Dispersed inlet grills eliminate the possibility of entrapment, while hydraulic mechanics keep electricity far away from the water. Installed, the unit is sturdy and secure against the pool wall, and is built to exceed ETL and VGB safety standards.

Enjoy all the benefits FASTLANE offers, and become a stronger, healthier swimmer. And do it in a private, comfortable, convenient setting: your home!



THAT'S LIFE IN THE FASTLANE. ARE YOU READY TO SWIM?

Fastlane®



The
The
Fastlane
Fastlane®
Planning
Planning
Guide
Guide

Operation

Location

Models

Equipment

Electrical

November 2010

THE FASTLANE®

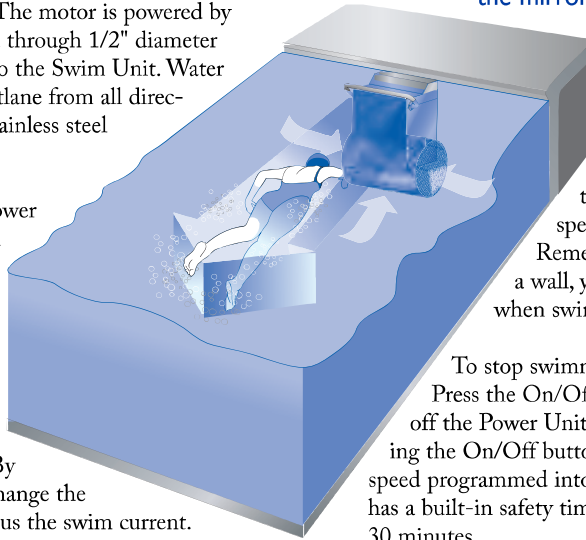
The Fastlane produces a smooth even swim current in any pool. Adjustable from zero up to a 1:10 hundred yard pace (1:16/100 meters) the Fastlane allows you to swim in place for as long as you like. Converts any small pool into a perfect place for fitness swimming.

HOW THE FASTLANE WORKS

The system has two parts: a remotely located Hydraulic Power Unit that powers the swim current and the Swim Unit that mounts poolside. These components are connected by two hydraulic hoses designed to keep electricity away from the water.

The poolside Swim Unit includes a special sealed stainless steel hydraulic motor that turns our custom-designed 16" propeller. An innovative channeling system straightens and smoothes the swim current. The motor is powered by hydraulic fluid that is carried through 1/2" diameter hoses from the Power Unit to the Swim Unit. Water enters the bottom of the Fastlane from all directions through a perforated stainless steel (type 316L) intake grill.

The rugged 5 horsepower Power Unit is typically located with your other pool equipment, keeping any electricity away from the pool. The remote Hydraulic Power Unit contains 5 gallons of biodegradable vegetable-based hydraulic fluid that is pumped to the Swim Unit. By varying the flow of oil you change the speed of the propeller and thus the swim current.



USING YOUR FASTLANE

Learning to use your Fastlane takes only seconds. Turn the Fastlane on by pressing the On/Off button on your remote control. Position yourself on the wall opposite the Swim Unit so that you can swim into the current. While it is easy to look up and center yourself on the current, we recommend our optional floor mirror. Placed on your pool bottom, the mirror will help center you in the current as well as provide valuable feedback on your stroke.



When changing the speed with the Slower and Faster buttons on your remote control, wait a few seconds for the current to adjust. Set the water speed at a comfortable level for your needs. Remember, since you never stop and turn at a wall, you will tire 20% to 30% faster than when swimming laps.

To stop swimming, simply swim out of the current. Press the On/Off button on your remote control to turn off the Power Unit. Restart whenever you want by pressing the On/Off button. The current will return to the last speed programmed into the remote. In addition, the Fastlane has a built-in safety timer that shuts the current off after 30 minutes.

A Fastlane is not a toy. It is a serious swimming machine intended for fitness swimming. It should never be used by children without proper adult supervision.

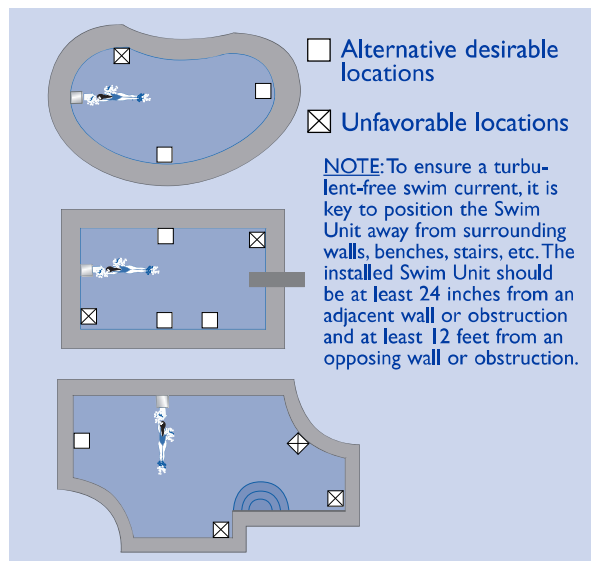
CHOOSING A LOCATION FOR YOUR SWIM UNIT

The Fastlane can be installed in virtually any new or existing in-ground concrete, gunite, masonry, vinyl-lined or fiberglass pool, and in many aboveground pools as well. The Swim Unit can be placed in water as shallow as 35". Generally speaking, if the pool is deep enough for swimming, it's deep enough for a Fastlane.

Your Fastlane arrives via UPS and can be installed in any pool. Once electricity is brought to the Power Unit, a reasonably handy homeowner can attach the Deck Mount Fastlane to an existing pool deck and be swimming in an hour or two. A pool contractor, however, will typically install the Wall Mount Fastlane during the pool's construction. The cost and complexity of each task is site dependent.

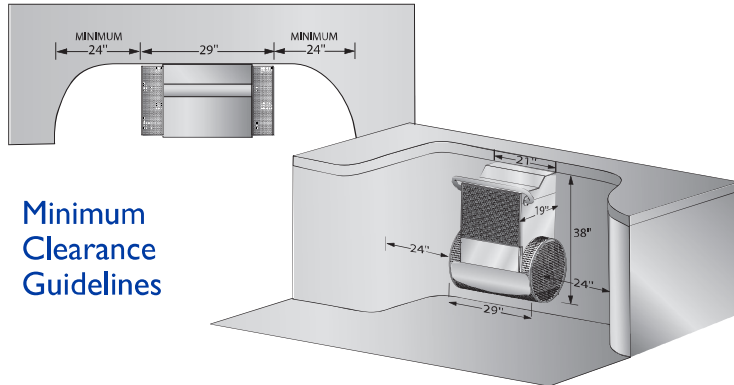
The Swim Unit must be installed no closer than 24" from any adjacent wall.

Select a location for the Swim Unit that is at least 12' from the opposing wall of the pool (see diagram to the right). This will provide you a luxurious "lane" to swim in.

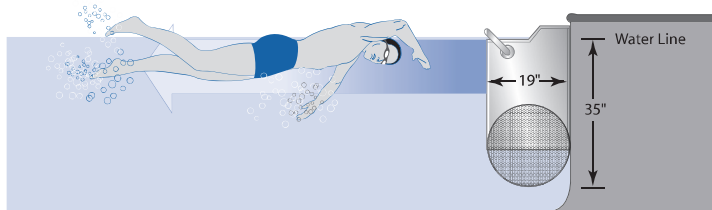


WALL MOUNT FASTLANE FOR NEW CONSTRUCTION

The Wall Mount Fastlane attaches directly to your pool wall with the use of a wall mount bracket. The hydraulic hoses that carry the fluid from the Power Unit to the Swim Unit and back are hidden in the pool wall and under the pool deck. Because the wall mount bracket is imbedded in the pool wall, the Wall Mount Fastlane is ideal for new pool construction or pool refurbishment.



Minimum Clearance Guidelines

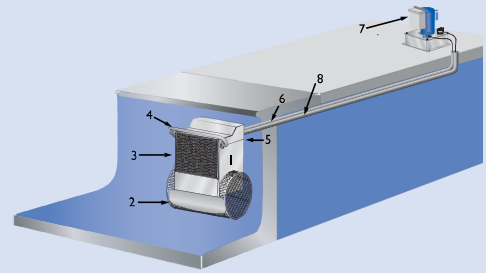
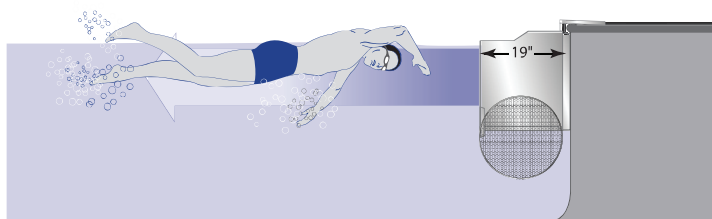


DECK MOUNT FASTLANE FOR EXISTING POOLS

The Deck Mount Fastlane can be installed in any pool at any time. A deck mount hose cover conceals the hydraulic hoses and is attached to the pool deck. The hydraulic hoses that carry the fluid from the Power Unit to the Swim unit and back run along your pool deck or can be hidden in a trench. The Deck Mount Fastlane will typically be installed in an existing backyard pool. If winterizing a pool, the Deck Mount Fastlane should be removed and stored for the off-season. The hydraulic fluid that remains in the hoses will not freeze even in cold climates.

If installing the Deck Mount Fastlane in an existing pool, there must be 12" of solid decking from the water's edge to the mounting site because the Swim Unit is bolted to the pool deck. If your decking is not this wide, a small concrete pad can be poured to secure the mounting bracket.

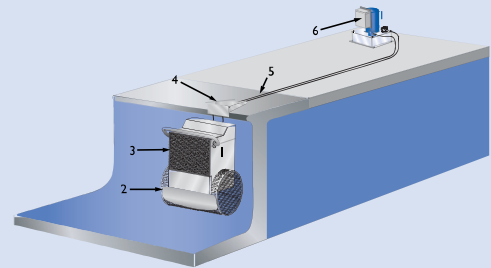
When installed, the Fastlane Swim Unit extends 19" into your pool and 18" onto the pool deck.



The Wall Mount Fastlane System

- | | |
|-----------------------|--|
| 1. Swim Unit | 2. Intake grill |
| 3. Outlet grill | 4. Stainless steel grab rail |
| 5. Wall Mount Bracket | 6. Two 1" flexible polyethylene conduits |
| 7. Power Unit | |

8. Hydraulic Hose System. The Wall Mount Fastlane Swim Unit is connected to the Hydraulic Power Unit by two hydraulic hoses. Two 25-foot lengths of hose are included with your Fastlane. Additional hydraulic hose is available for purchase.



The Deck Mount Fastlane System

- | | |
|--------------------|-----------------|
| 1. Swim Unit | 2. Intake grill |
| 3. Outlet grill | 4. Deck Cover |
| 5. Hydraulic Hoses | 6. Power Unit |

Hose Management Systems. The Deck Mount Fastlane comes standard with hose clips to secure the hoses to the pool deck. There are two additional options to manage the hoses.

Option 1: Deck Drain: A 2"-wide, 4"-deep trench across the deck accommodates our Deck Drain channel with attractive snap-on cover.

Option 2: Conduit: If you wish to hide these hoses completely, you can use appropriate conduit material which may be buried under the pool deck. Please call your design representative.

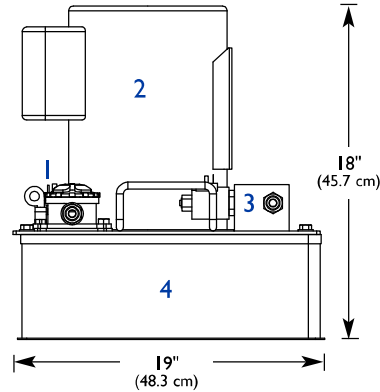
EQUIPMENT PLACEMENT

Hydraulic Power Unit

The 5 hp Power Unit pumps hydraulic fluid (non-food grade vegetable oil) that turns the propeller and generates the swim current. The Power Unit operates only when the swim current is on. The Power Unit can be located adjacent to your other pool equipment. If placed outside, the optional Outdoor Power Unit with Weather Guard should be purchased to protect it from the everyday elements. The Power Unit should not be subjected to driving rain and must be placed on solid ground. This is an air-cooled unit and must have ample ventilation. A minimum of 12" air space must be provided on all sides. In addition, while frequent access is not required, it is imperative the Power Unit is accessible for general maintenance.

Power Unit

1. Return line from the Swim Unit to the Power Unit
2. 5 hp electric motor
3. Pressure line from Power Unit to propeller with pressure relief valve, factory set to 4.8 GPM
4. Hydraulic fluid reservoir with hydraulic gear pump



ELECTRICAL REQUIREMENTS

It is imperative that the Fastlane installation complies with the National Electric Code Article 680 Swimming Pools and Similar Installations and any other applicable local codes and ordinances. The Fastlane is ETL listed, Ref. #2001770, and CE listed. A licensed electrician can help with this review and must perform all electrical work. Below are some of the most important considerations.

Ground Fault Circuit Interrupters (GFCI)

All equipment provided by Endless Pools, Inc. and all associated pool equipment must be protected by GFCI. These GFCI circuits must be tested monthly.

Power Unit Connections

The Fastlane requires a single 30-Amp, 220-Volt GFCI circuit to operate. An electrician must install a disconnect box within 6 feet of the Power Unit location.

Bonding

Both the Swim Unit and Power Unit have bonding lugs. Proper bonding with a #8 or larger solid copper wire is required.

GENERAL CONSIDERATIONS

Pools utilizing salt chlorine generators can pose a significant hazard to pool equipment, including a Fastlane. While we use the finest 316L stainless steel available, proper bonding and water chemistry control become critical. Refer specifically to our warranty.



Endless Pools, Inc.
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FASTLANE® LIMITED WARRANTY

FITNESS MACHINES, LLC WARRANTS TO THE ORIGINAL PURCHASER OF FASTLANE MANUFACTURED BY US TO BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP UNDER NORMAL USE FOR TWO YEARS FROM PURCHASE. OUR OBLIGATION UNDER THIS WARRANTY SHALL BE LIMITED TO THE REPAIR OR EXCHANGE (AT OUR OPTION) OF ANY PART OR PARTS WHICH MAY THUS PROVE DEFECTIVE UNDER NORMAL USE WITHIN TWO YEARS FROM DATE OF PURCHASE BY THE ORIGINAL PURCHASER, AND WHICH OUR EXAMINATION SHALL DISCLOSE TO OUR SATISFACTION TO BE THUS DEFECTIVE. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE AND OF ALL OTHER OBLIGATIONS OR LIABILITIES FOR ALL DAMAGES DIRECT OR CONSEQUENTIAL TO PERSON, PROPERTY, OR BUSINESS WHETHER OR NOT OCCASIONED BY OUR NEGLIGENCE, AND WE NEITHER ASSUME FOR US ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF THIS FASTLANE. THIS WARRANTY SHALL NOT APPLY TO THIS FASTLANE OR ANY PART THEREOF, WHICH HAS BEEN SUBJECT TO ACCIDENT, NEGLIGENCE, FREEZING, IMPROPER INSTALLATION, ALTERATION, ABUSE, OR MISUSE. THIS INCLUDES, BUT IS NOT LIMITED, TO FLOW RESTRICTIONS OR OBSTRUCTIONS ON ALL WATER AND HYDRAULIC SYSTEMS AND NOT PROPERLY BONDING OR MAINTAINING PROPER WATER CHEMISTRY (pH level must be maintained between 7.4 and 7.8 and total alkalinity between 80 and 120 ppm. The total dissolved solids (TDS) must be no greater than 3,000 ppm). POOLS USING SALT CHLORINE GENERATORS require additional maintenance. MAINTAIN A SALT CONTENT BELOW 4,000 ppm AND TDS WITH SALT BELOW 7,000 ppm. Remove the Fastlane annually, rinse with fresh water and inspect underwater hydraulic motor and hose fittings. Set the hydraulic fluid level to one cup over the float level switch (contact Customer Service for detailed instructions).

THE TERM "ORIGINAL PURCHASER", AS USED IN THIS WARRANTY, SHALL BE DEEMED TO MEAN THAT PERSON FOR WHOM THE FASTLANE WAS ORIGINALLY INSTALLED. THIS WARRANTY SHALL APPLY ONLY WITHIN THE BOUNDARIES OF THE CONTINENTAL UNITED STATES.

WE DO NOT WARRANT THIS MACHINE TO MEET THE REQUIREMENTS OF ANY SAFETY CODE OF ANY STATE, MUNICIPALITY, OR OTHER JURISDICTION. PURCHASER ASSUMES ALL RISK AND LIABILITY WHATSOEVER RESULTING FROM THE USE THEREOF, INCLUDING DAMAGE OR STAINING TO ANY POOL OR POOL DECK, WHETHER USED SINGLY OR IN COMBINATION WITH OTHER MACHINES OR APPARATUS.

In order to claim under this warranty, original purchaser must promptly notify our Customer Service Department in writing of the existence of the claim and then follow our written instructions regarding the procedures for remedying the defect. Fitness Machines, LLC shall not be responsible for cartage, transportation, removal, and/or re-installation labor or any other such costs relating to performance of the warranty.

All orders are FOB Aston, PA. We will NOT be liable for any costs or losses due to changes in shipping schedules, or delivery times. It is the responsibility of the Customer to supply safe and proper site preparation, installation and operation for all Endless Pool Swimming Machines. This includes, but is not limited to, adequate drainage at any pool and/or equipment site, to control humidity, to post necessary safety signage and to ensure safe and proper use of all Endless Pool Swimming Machines. Customer shall be responsible for any and all building permits, fees, licenses, and authorizations necessary to comply with local building codes or requirements. Customer takes all responsibility for site preparation including, but not limited to, any slab or foundation. Any Endless Pools product installed above grade must be placed on a properly engineered structure, which is the responsibility of the customer.

In the event any portion of this warranty shall be deemed unenforceable by a court of law, the remainder of this warranty shall remain in full force and effect as if the voided portion were never included.

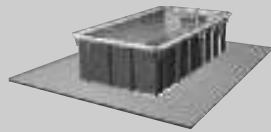
Fitness Machines, LLC, 1601 Dutton Mill Rd, Aston, PA 19014 800-910-2714

PERMIT CONSIDERATIONS



Indoors

Outdoors



Fully Aboveground Installations



Partially In-Ground Installations



Fully In-Ground Installations

The Endless Pool and Code Requirements

The entire Endless Pool system is ETL listed, Ref. #2001779 and conforms to UL Standard #1563. Individually, all electrical components of the Endless Pool are UL and/or CSA approved. As defined by the International Residential Code (IRC), the Endless Pool is considered an aboveground or an in-ground pool depending on the installation. That is to say, customers can install our Endless Pool Kit above-ground on a garage or basement floor or in the backyard or they can sink it partially or fully in-ground. The unit is completely self-supporting. As required by the IRC the Endless Pool meets all the following standards: ANSI/NSPI Standards #3 (Permanently Installed Residential Spas), #4 (Aboveground/On-ground Residential Swimming Pools), #5 (Residential In-ground Swimming Pools), and #6 (Portable Spas). The appropriate governing standard is dependent on the installation method and the requirements and definitions used by the local governing bodies.

General Description of an Endless Pool

An Endless Pool is a free-standing, steel panel, vinyl lined pool or spa. Filled with water, the standard Endless Pool exerts an evenly distributed load of 200 lbs. per square foot, with a total weight of 10 tons. The water depth of the standard Endless Pool is 39" with 24" above the perimeter return channels, and has a surface area of less than 100 square feet. A current is generated in the pool/spa by a 16" diameter propeller hidden inside a protective housing. The water is kept warm and clean using industry standard equipment, including a 108 watt Circulating Pump, Cartridge Filter and Electric or Gas Heater.

Filling and Draining

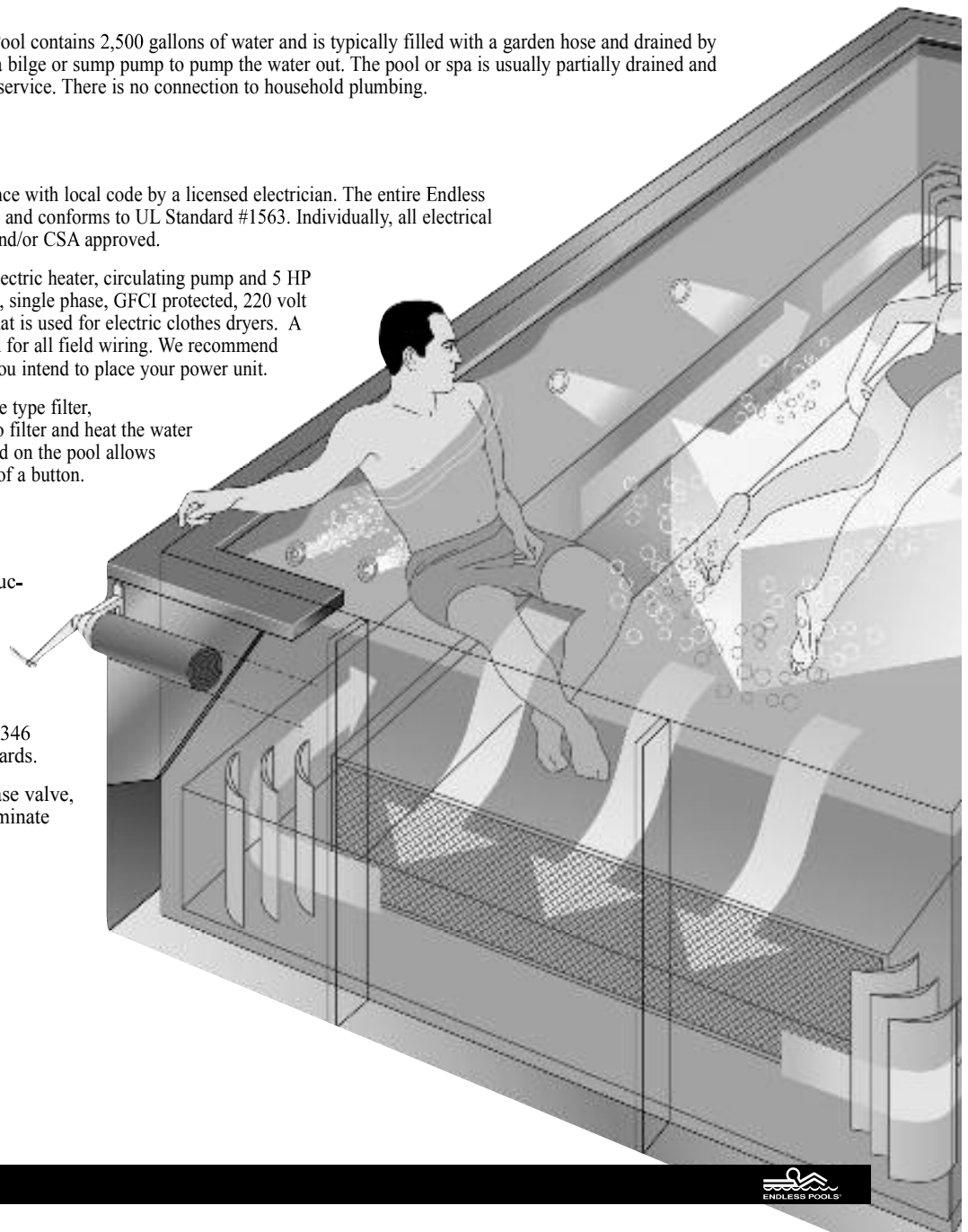
The standard flat bottom 7' x 14' Endless Pool contains 2,500 gallons of water and is typically filled with a garden hose and drained by siphoning through a garden hose or using a bilge or sump pump to pump the water out. The pool or spa is usually partially drained and refilled every three years for programmed service. There is no connection to household plumbing.

Electric Requirements

- The equipment must be wired in accordance with local code by a licensed electrician. The entire Endless Pool system is ETL listed, Ref. #2001779 and conforms to UL Standard #1563. Individually, all electrical components of the Endless Pool are UL and/or CSA approved.
- All pool equipment including the 4 kW electric heater, circulating pump and 5 HP hydraulic power unit runs off one 30 amp, single phase, GFCI protected, 220 volt service. This is the same type of circuit that is used for electric clothes dryers. A minimum of 10AWG wire should be used for all field wiring. We recommend you install a shut off within 5' of where you intend to place your power unit.
- The Water Quality System uses a cartridge type filter, electric heater and super-efficient pump to filter and heat the water continuously. A digital controller mounted on the pool allows you to set the temperature with the press of a button.

Safety Considerations

- There are no protrusions or other obstructions in the swimming area, which may cause entrapment or entanglement of the user.
- The safety cover that is available with the Endless Pool complies with ASTM F 1346 as required by the IRC and NSPI standards.
- The skimmer/filter is fitted with a release valve, and an anti-entrapment faceplate to eliminate any entrapment hazard.

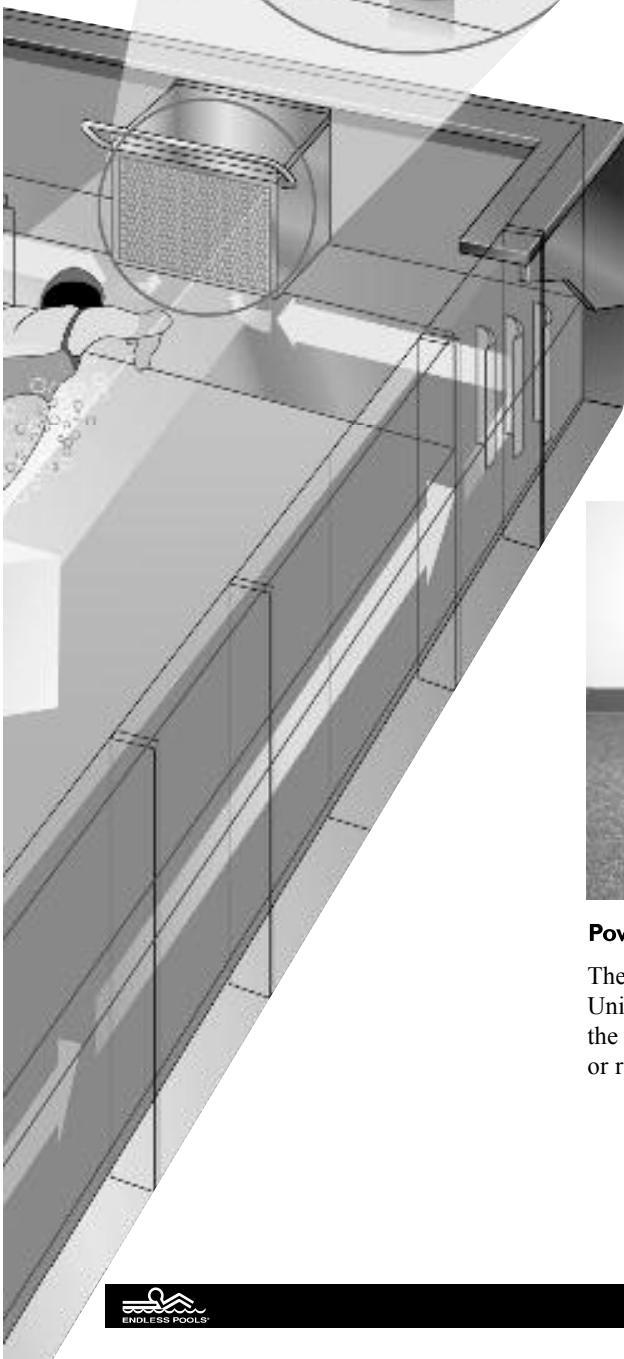
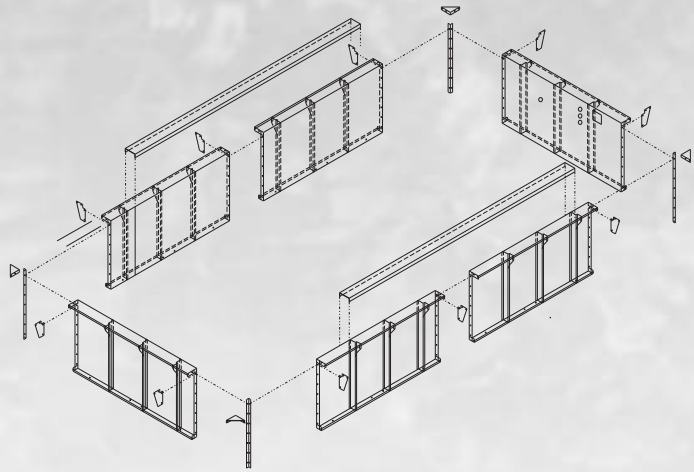
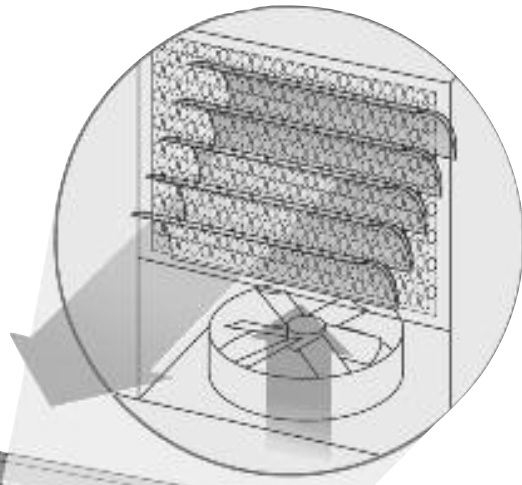


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Transportability

Unlike a standard swimming pool, the Endless Pool can be disassembled and relocated. The Endless Pool is delivered to the job site in kit form for bolt-together assembly. The Endless Pool can be unbolted and moved with the homeowner should they relocate.

Your Endless Pool installation will be classified as a pool or spa based upon your local ordinances, local code office interpretation, and definitions contained in the National Electric Code, Article 680, "Swimming Pools, Fountains, and Similar Installation," the National Spa and Pool Institute and the International Residential Code.



Power Unit

The 5 hp Hydraulic Power Unit can be located beside the Water Quality System or remotely.



Water Filtration

The Water Quality System is mounted on the front panel of the pool and is pre-plumbed for ease of installation.



Endless Pools, Inc. • 1601 Dutton Mill Rd • Aston, PA 19014-2931
800-732-8660 • 610-497-9328 fax • www.endlesspools.com

**Guaranteed
Installation Price**
Call for Details

Original
Endless Pool
Planning Guide

September 2010



EASIER TO INSTALL, MORE EFFICIENT TO OPERATE

Featuring a series of design and manufacturing innovations, our newest Endless Pool® is even easier to install. Incorporating some of the latest technology from the spa industry, our computerized water quality system includes push button poolside controls and a filter that can be changed from in the pool. Since so many of our customers enjoyed deeper water we now offer 6" and 12" deeper models that require no additional site preparation.

Designed for easy installation

The modular Endless Pool has been engineered for ease of installation. Pre-wired and pre-plumbed, all components fit easily through any doorway and down stairs for simple assembly.

Minimal site preparation

A solid, level surface and a 30 amp electric service is all you need. While you may want to finish off the space with elaborate tile and deck up to the pool for a built-in look, a Factory Trained Installer can install the Endless Pool with nothing but an empty space at least two feet wider and three feet longer than the inside dimensions of the pool.

Guaranteed Installation Pricing

Our network of independent Factory Trained Installers can have you swimming in a couple of days at a guaranteed price. The installation of an Endless Pool is that simple.

Complete package includes everything but the water

The Endless Pool is a complete system that includes the pool plus a water quality system located at the front of the pool to heat, filter and purify the water, a swim current generator and return channels. Popular options include wider, longer, and deeper models, retractable security covers, interior steps/seats, exterior stairs, synthetic skirting, and underwater lights at the front.

Super energy efficient

The Endless Pool provides all the benefits of a full-sized pool in a very small space. The small size means far less water to heat. Our 1/8th horsepower electric circulating pump uses less energy than a 120 watt light and is virtually silent. Our pre-plumbed 4 kW electric heater uses the same circuit as the 5 hp hydraulic power unit. Every Endless Pool comes with an insulating thermal blanket to retain heat and trap humidity. While our optional retractable security covers retains heat and traps humidity while additionally serving as lockable safety covers.

Three easy steps to swim at home

1. Shoot digital photographs of your proposed location for review by our Design Professionals. If you think access to your site might be an issue, photograph that narrow set of stairs or other condition for our review. Generally, if you can get a 4' x 8' sheet of plywood to the location where the Endless Pool is to be installed we can get all the components in. Also photograph your electric panel and indicate where the panel is in relationship to the proposed location of your Endless Pool. Email these photographs to our Design Professionals.
2. Place a refundable deposit, receive your "Welcome Kit" detailing finish choices, log on to your personal online order form and configure your pool. If you would like one of our Factory Trained Installers to visit your site to confirm and clarify any of these installation details please call us to make an appointment. Naturally, you are always welcome to visit our showroom near the Philadelphia Airport. We have five pools ready to use.
3. Complete your online order form by making your size and color choices. Then finalize your order and schedule your installation.

4 NOTABLE ENDLESS POOL FEATURES

1. **There is no connection to household plumbing.** You fill the pool with a garden hose and change the water every year or two. The pool is equipped with a closed-loop plumbing system that automatically pumps water out of the pool, passes the water through a filter, heater and copper/silver purification system, and returns it to the pool.
2. **100% of the humidity can be controlled** when the pool is not in use, by either the optional automatic or manual security cover. When closed, the cover seals in humidity and reduces heat loss. The cover has a lock-down mechanism for security. The humidity present from a daily one-hour swim can be controlled by a simple room dehumidifier or a bathroom exhaust fan.
3. **We have greatly reduced chlorine odor** and effects with our modern purification system that comes standard with every pool. Your home will not smell like the local gym!
4. **Should you decide to relocate your pool, it can be unbolted and moved.** Give us a call and we will explain what is involved in relocating a pool.

HOW AN ENDLESS POOL WORKS

The heart of the Endless Pool is a small but powerful underwater hydraulic motor that drives a 16" propeller located at the front of the pool inside a protective housing. The propeller pushes water through two grills that straighten and smooth the current, which then flows right down the center of the pool. This current is completely variable in speed and controlled by a handy remote. The speed can be adjusted from a gentle flow to a sprinter's pace.

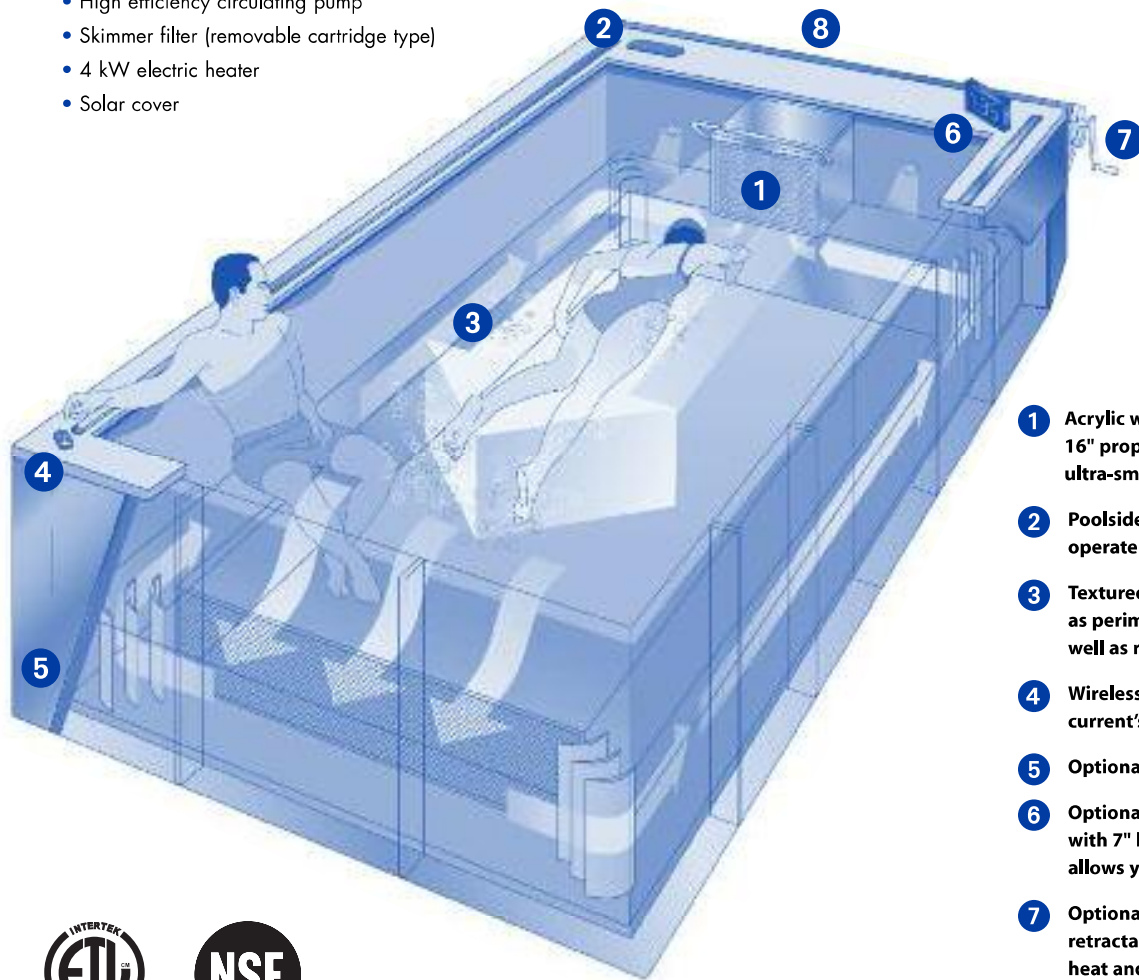
At the rear of the pool, the current enters a large grill beneath the rear bench, and passes through the side channels to the front of the pool. Because the water returns through the side channels, it does not disturb the current moving down the center of the pool, thus eliminating any turbulence.

Specifications:

- 7' x 14' swimming area
- 39" water depth, 42" wall height
- Acrylic water propulsion system
- 5 hp swim current generator
- Digital systems control
- High efficiency circulating pump
- Skimmer filter (removable cartridge type)
- 4 kW electric heater
- Solar cover

Options:

- Size: 7' x 12' to 10' x 16' swimming area
- Depth: 45" or 51" (48" or 54" panel height)
- Interior corner steps/seats
- Interior raised rear bench (48" and 54" models only)
- Internal pool surface: 3 colors, 4 patterns available
- Manual and automatic retractable security covers, available in 5 colors
- Underwater lights
- Hydrotherapy jets
- Front and floor swim mirrors
- 9 3/4" wide perimeter coping system (5 colors)
- Aluminum coping for outdoor installations
- Exterior stairs
- Digital swim pace display
- Wood or synthetic skirting on 2, 3 or 4 sides
- Floor leveling system with stainless steel tension straps



- 1** Acrylic water propulsion system with 16" propeller produces broad, deep, ultra-smooth current
- 2** Poolside controls adjust heat and operate optional jets and lights
- 3** Textured ABS return channels serve as perimeter seating (42" pools) as well as return system for water flow
- 4** Wireless remote controls the swim current's 52 preprogrammed speeds
- 5** Optional skirting
- 6** Optional digital swim pace display with 7" high-visibility, LED display allows you to see your swim pace
- 7** Optional manual or automatic retractable security covers lock in heat and lock out dirt and debris
- 8** Computerized water quality system mounted on the front panel



2008 VGB Compliant

Call **1-800-732-8660** for a FREE Test Swim.

LOCATING YOUR ENDLESS POOL®

The unique modular design of the Endless Pool allows the pool to be located indoors or outdoors, aboveground or in-ground, in an existing ground floor room or in a new space. Some typical locations are shown in the illustration below.

An Endless Pool fits just about anywhere. All you need is a solid, near-level surface capable of supporting the weight. Indoors, a concrete floor is perfect. If you want to sink the pool into the floor, a near-level bottom to an excavated hole is sufficient. Typically, rather than excavating, it is easier to build a deck up around the pool to make the Endless Pool appear built-in. Outdoors any hardscape surface is fine. Erecting the pool on compacted soil is what is important. If it is easy to pour a four inch concrete pad, then that is the best solution. If concrete is difficult to bring in, then bags of readily available “pool base” (vermiculite and cement) mixed by hand in a small mixer is by far the easiest solution and more than sufficient to support the 200 lbs./square foot loading for a regular Endless Pool model and 260 lbs./square foot for a deeper model.

First identify and measure a location that is 24" wider and 36" longer than the inside dimensions of the Endless Pool model you select. For our standard Endless Pool an area 9'-0" x 17'-0" is perfect. Be sure you consider drainage when selecting a site.

Next, determine what size and depth pool you want. Our standard 42" high Endless Pool is ideal for swimming and seated water exercises on the perimeter return channels. Our optional 48" pool can also accommodate many therapy and aquatic exercise routines, as can our deepest 54" unit. Remember taller pools stand higher in the room and ceiling height can be an issue.

A small percentage of our customers opt to make a custom deeper pool by providing a multi-level concrete base for the pool. Depths up to six feet are available using this technique. Please call for additional technical information.

PUT A POOL IN A BASEMENT OR A GARAGE?

At first glance, a basement or a garage may seem like an unusual place to swim. But many of our customers have discovered that existing ground floor spaces offer excellent locations for an Endless Pool.

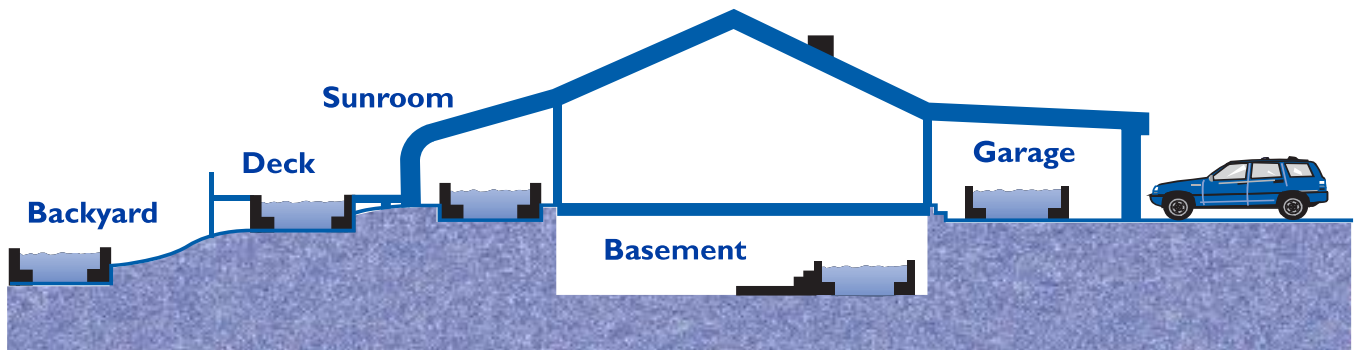
Basements

- A basement provides a winterized, accessible, year-round space.
- Concrete-floor basements offer the ideal structural support for an aboveground pool.
- The Endless Pool can be installed freestanding and above ground. The pool stands 42" (1.07 m) high. It can fit easily in a room with a ceiling height as low as 7' (2.13 m). There is no need to break through the floor. Even our 48" and 54" high pools offering deeper water are freestanding. They can be made to appear partially in-ground by decking up around them.

Garages

- An Endless Pool fits easily in half of a two-car garage.
- The pool can be installed against a wall or in a corner. Access to the sides of the pool following installation is not required except to any panels where optional lights or jets are located.
- Since the Endless Pool can be well insulated with rigid foam and an optional security cover, the garage need not be heated.
- Even garage floors with a significant slope can be accommodated with our optional floor leveling system.

	INDOORS	OUTDOORS		INDOORS	OUTDOORS
Existing Space	<ul style="list-style-type: none"> • Basement • Garage • Family Room • Other Ground Floor Room • Home Gym 	<ul style="list-style-type: none"> • Deck • Patio • Carport • Porch (enclosed now or later) • Garden 	New Space	<ul style="list-style-type: none"> • Refinished Basement • Converted Garage • Sunroom • Greenhouse • Master Bathroom Suite 	<ul style="list-style-type: none"> • New Landscaping • New Outdoor Space (with possible future enclosure)



EQUIPMENT PLACEMENT AND ACCESS?

The Endless Pool has two closed loop systems: the Water Quality System and the hydraulic drive system. Both can be powered by a single 30 amp, 220 volt, GFCI circuit. Have your electrician supply the appropriate disconnect and we will take it from there.

Equipment Placement

The equipment to filter and heat your Endless Pool is typically installed at the front of the pool just below the coping. The keypad controller for this system has a 10 foot cord and is usually mounted in the pool coping. When optional hydrotherapy jets are selected, the jets are plumbed into the rear wall over the bench and the jet's pump is located at the front pool panel and plugs into the heater/controller. The radio controlled 5 horsepower Hydraulic Power Unit is usually located near your electric service. A flexible conduit connects this power unit to the heater/controller poolside. Hydraulic lines connect between the front of the pool and the power unit. Up to 25' of hydraulic line is provided with the pool. Additional hydraulic line may be ordered when locating the power unit further away. These lines will run against a wall or, if you wish, through 4 inch PVC pipe. If using pipe as conduit you must sweep all turns, no 90° bends.

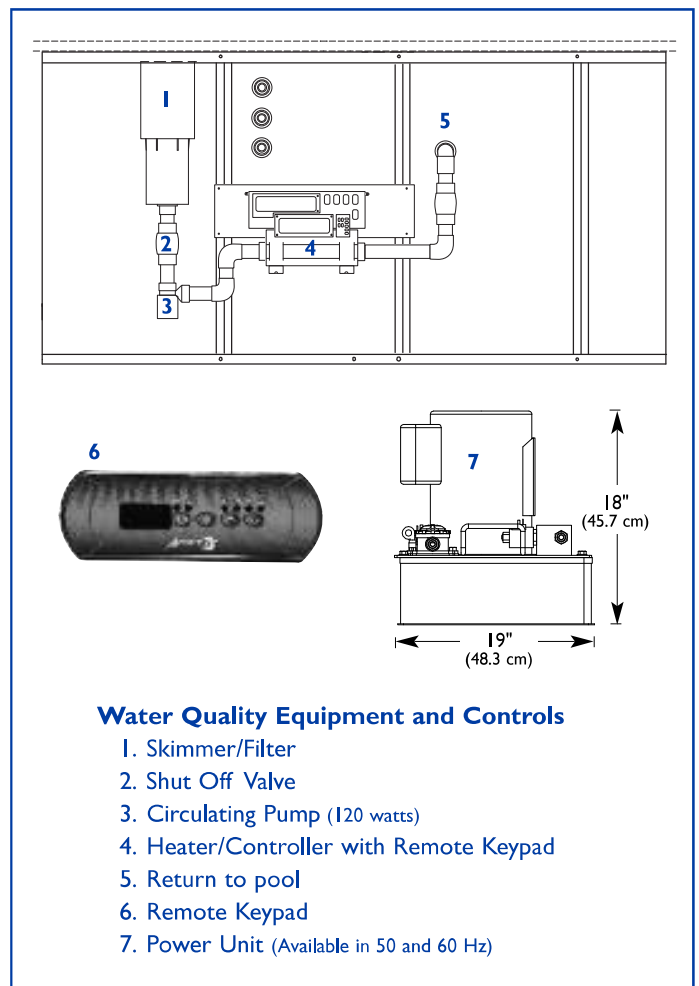
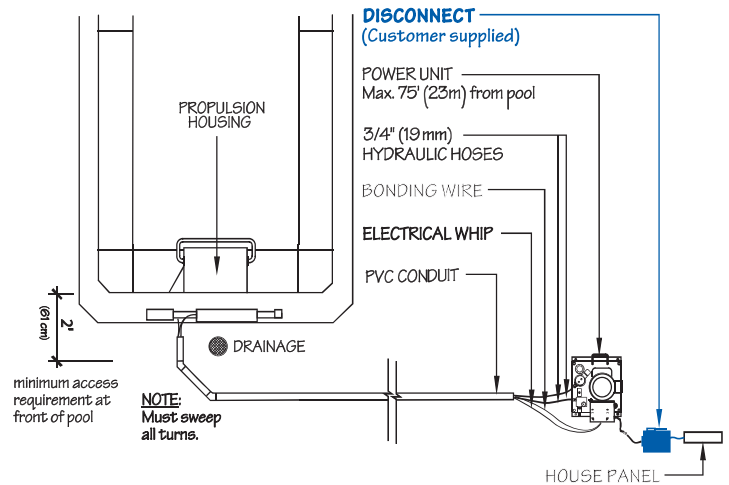
For fully in-ground installations where the pool is backfilled and the equipment is kept at the front, a pit needs to be built at the front of the pool. A sump for water removal is prudent with this configuration.

Equipment Access

All of the water quality equipment is located at the front—the end towards which you swim. Customers frequently place their Endless Pool directly against a wall or in a corner. We recommend that the front end not be installed against a wall. The rear—the end opposite the swim current generator—may be against a wall. Be sure to leave enough room to turn the handle of the retractable security cover which is often mounted off the end of the pool.

If hydrotherapy jets are selected be sure to leave two feet of access outside the pool where the jets will be located. Optional underwater lights are installed on the front panel on each side of the swim unit, where access is guaranteed. (The lights may also be installed on either of the long walls of the pool with the understanding that access to the outside must be maintained.)

The outside dimensions of the Endless Pool depend on the coping system chosen. For indoor pools our synthetic coping system is 9-3/4" wide at the rear and on either side. At the front, the coping is an extra 4" wider covering the pool equipment which mounts on the outside of the front wall. Access is required to this front wall. This is why we require a space three feet longer and two feet wider than the inside dimensions of the pool you choose.



Permitting

We recommend asking your electrician to install the shut-off at your house panel stating that you are putting in a “modular, transportable spa” rather than a pool. Since the Endless Pool can be installed without anchors into the floor it is truly transportable and is often not considered a permanent pool. This fact has significant permit ramifications. In many municipalities no permit is required for a transportable spa.

DEPTH AND ACCESSIBILITY

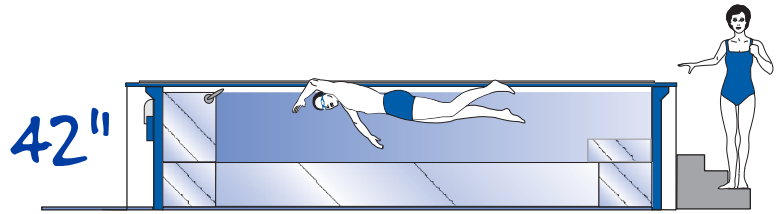
The Endless Pool® offers many features to make it accessible to all users. Different sizes and depths are available. The interior water return channels serve as steps into and out of the pool. The pool walls can function as a handrail or the top edge of the walls — the coping — as a seat. In addition, water powered lifts, grab bars and steps are also available.

Based on the height of pool you choose and the configuration of your room, consider how you will access the pool. Customers frequently deck up around the pool to reduce the apparent height of the pool in the room. We offer a variety of stair systems as well as handrails and grab bars. Finally, water powered lifts are available for special access needs and/or when space is tight. Inside the pool, steps in any of the corners is possible.

The easiest and most cost effective way to install and access the Endless Pool is on a flat slab on grade. A small set of stairs allows you to step up and sit on the perimeter coping and to swing your legs over – into the pool. Stepping down into the pool is then quite easy. This is the easiest way to enjoy your pool.

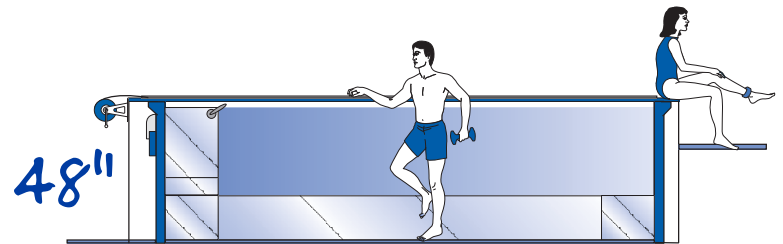
To add an extra dimension, once the pool is installed, build a small deck up around the pool leaving the top 24" to 30" exposed. You can then stand on your deck and access the pool by sitting on the coping, swinging your legs over, and stepping down in. If you dig down to achieve this look you can backfill to the panels and finish the surround as desired.

If a fully in-ground look is desired, decking is again the most cost effective solution. Once the pool is installed, construct a deck to the desired elevation. Remember that access is required to the front panel. If you plan to excavate and sink the pool into the ground, you can back fill to the panels but a pit must be constructed 3 feet deep and 2 feet 6 inches out from the front panel for equipment access. See diagram below.



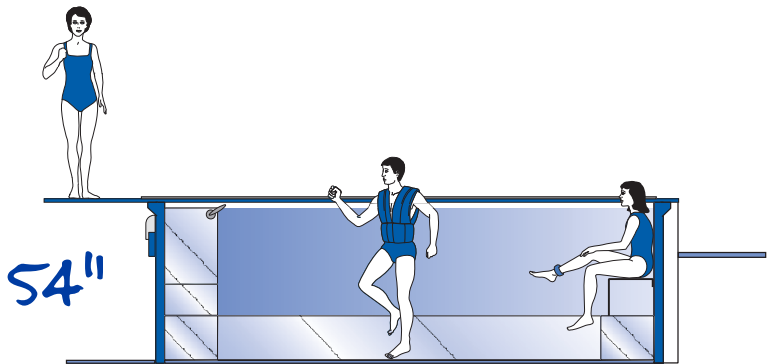
Aboveground Endless Pool

The simplest, most cost effective way to install an Endless Pool is aboveground on a solid, level surface. A 42" tall aboveground unit is easily accessed with a set of stairs.



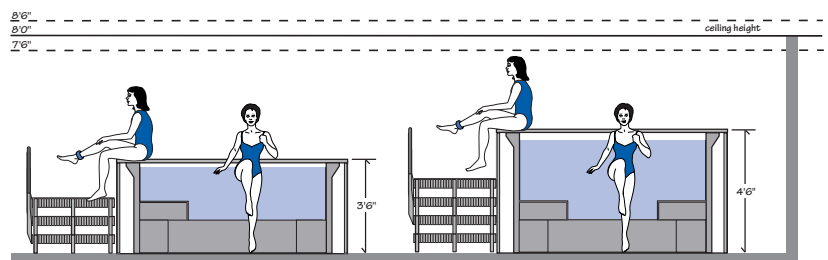
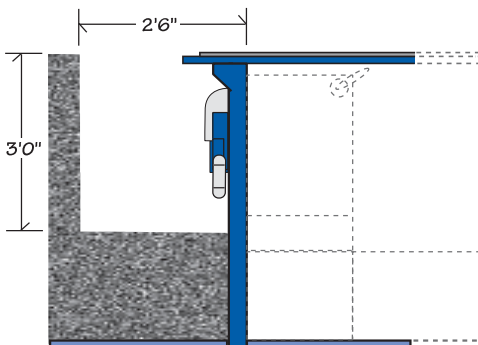
Partially In-ground Effect

The in-ground effect may be created without excavation by building decking around a pool installed aboveground. Alternatively, a pit may be excavated and the pool installed partially in-ground. The edge of the pool serves as a comfortable seat.



Fully In-ground Effect

Less common but quite elegant, a fully in-ground effect can also be created with decking up around an aboveground pool. Excavation, while increasing the cost and complexity of the job, can also be undertaken.



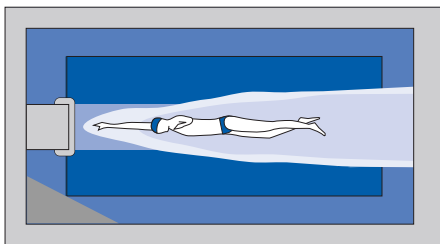
AVAILABLE SIZES

In addition to optional deeper pools, the flexible design of the Endless Pool® permits a variety of sizes. When deciding upon a length and width for your pool, you should consider such factors as how you intend to use your pool, the general dimensions of the site, your own height, and additional space requirements for options such as jets.

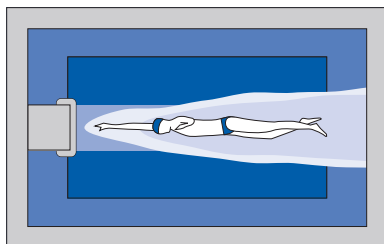
The standard Endless Pool has inside dimensions (water surface area) of 7' x 14' (2.13 m x 4.26 m) and is suitable for most applications. The standard pool can be made 1' (.30 m) or 2' (.61 m) shorter. Shorter pools are appropriate when space is tight. These shorter pools offer the same swim as the standard pool.

Wider and/or longer pools are appropriate when a number of people plan to use the pool at the same time, or if the user is very tall and swims with a wide frog kick that may touch the side benches of the standard Endless Pool. A standard 42" Endless Pool can be made up to 3' (.91 m) wider and 2' (.61 m) longer. Our 48" model can be made up to 2' wider and 2' longer and the 54" model can be made up to 3' wider and 1' longer.

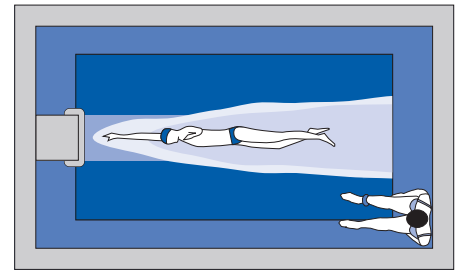
Standard Size: 7'x14' (inside dimensions)



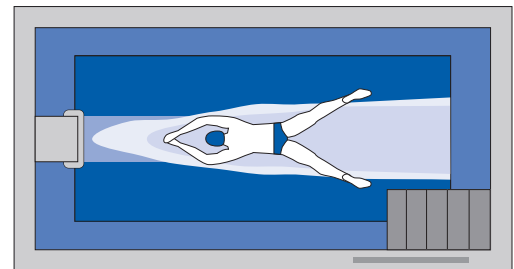
7' x 14'
2.13 m x 4.26 m



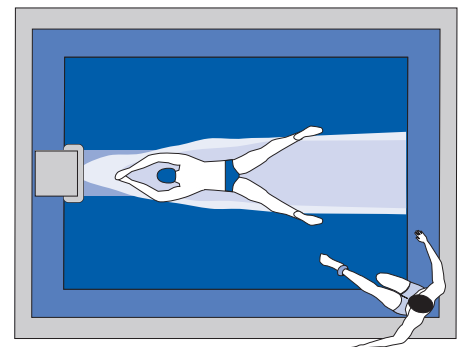
7' x 12'
2.13 m x 3.65 m



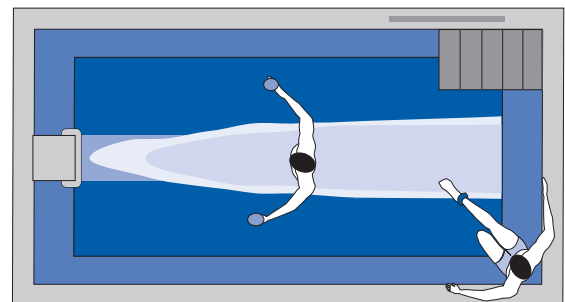
8' x 14'
2.43 m x 4.26 m



8' x 16'
2.43 m x 4.87 m



10' x 14'
3.05 m x 4.26 m



9' x 16'
2.74 m x 4.87 m

Call **1-800-732-8660** for a FREE Test Swim.

Swim...

Call Endless Pools for the demonstration pool nearest you, or visit our factory showroom, just 15 minutes from the Philadelphia airport, 3 miles off I-95. Our factory is located between Rt. 352 and Rt. 452 on Dutton Mill Road overlooking Chester Creek. Showroom hours are 8:00 am to 5:00 pm Monday through Friday, and weekends by appointment. Please call to schedule a visit and a swim.








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CONTROLLING COSTS

The cost of installing an Endless Pool® varies considerably depending on the type of installation and the construction around the pool. With the modular Endless Pool system and our network of Factory Trained Installers (FTIs), we have taken the guesswork out of the cost of pool installation. To minimize your overall project costs, please consider:

-  **Select an existing site and be swimming in days.**
The Endless Pool is designed for easy installation in an existing room. The need for a separate equipment room has been eliminated. Our new, state-of-the-art electronic equipment package is located at the front of the pool, behind the skirting.
-  **Above ground installations – even with deeper pools.**
The Endless Pool is free standing, perfect for an above ground installation. Above ground installations are usually less expensive than partially or completely in-ground installations. Decking up around a finished pool makes it appear built in. Optional 48" or 54" panels provide deeper water without the need to pour an elaborate concrete pit.
-  **Use standard finishes**
Endless Pools can provide finished synthetic coping and skirting. These standard finishes allow our expert installers to have your pool completely finished before they leave – the only decision you need to make is what bathing suit to wear.
-  **Energy efficiency means you'll save money!**
The Endless Pool is designed for efficiency. Substantially less water to heat and keep clean means less energy used. A floating thermal cover reduces heat loss and controls humidity. Our super efficient circulating pump uses less energy to run than a 120 watt bulb.
-  **Expert installation at a **GUARANTEED PRICE!****
Our network of independent Factory Trained Installers can have you swimming in a couple of days. All you need is a flat, level surface 3' longer and 2' wider than the pool you select. Services may be restricted in some areas. Call for details.