



PARTIAL CABINET FITNESS SYSTEMS

Installation Guide

Fit Wellness into Your Life... Seamlessly.

Your Endless Pools® Fitness System can be integrated into your backyard to create a landscape masterpiece.

Custom Installation Guidelines

If you plan to recess your new Endless Pools Fitness System in a deck, patio, or other hardscape element, please take the time to read this guide carefully. It provides you with installation ideas, planning information, and recommendations needed to ensure the proper, secure and timely installation of your new Fitness System.

This guide will also help you plan for access to your Fitness System equipment compartment, which is necessary for maintenance and operation.

We recommend there be at least 24 inches of crawl space access outside your Fitness System equipment compartment. **Providing this access is the homeowner's responsibility.**

You will also want to carefully read your Endless Pools Fitness System Owner's Manual and Pre-Delivery Instructions in conjunction with this guide. These documents can be found online at www.endlessfitness.com in the Planning section.



Location Selection and Planning

Initial Prep Work

Be sure to check the blueprints of your property to ensure underground power cables, phone lines, water pipes will not be affected by the recessed installation. Re-routing any pipes or cables will require a qualified electrician or plumber and can add significant delays to any installation project if they are not found before installation starts.

Location of the Electrical Compartment

Electrical connections to the equipment compartment are made through the electrical cutout on the back side of the Endless Pools Fitness System. It is important to consider the location before installation.

Location of the Subpanel

The subpanel is an intermediate electrical connection box between your home's electrical panel and the Fitness System. The subpanel houses the Fitness System's circuit breakers, which you will need to access when draining and cleaning your Fitness System. The subpanel needs to be at minimum 5 feet away from the Fitness System and visible. Be sure to check local electrical codes when planning the location of your subpanel.

Access to Equipment Area

In the unlikely event of an internal service requirement, it is necessary to have access to the side and back panels in order to make repairs. In any recessed application, access to internal plumbing components requires 24 inches of clearance once a side panel is removed. In some rare cases, the Fitness System may need to be removed from the installation site entirely, depending on the type of installation and complexity of repair required. Removal is not covered under warranty. Utilizing a trapdoor/ access panel can be an easy way to accomplish this goal.

Cover Locks

Cover locks or some form of safety barrier are required by law. All Fitness Systems must include a locking device (typically a cover with cover locks) to ensure the safety of family, pets and friends. Please make sure you are familiar with the local codes to ensure to have the correct safety cover. Depending on the installation, you and your contractor will need to consider a method to lock your Fitness System cover before installation.

Installation Considerations

Creating a Proper Foundation

For all types of installation, including a recessed Fitness System, a minimum of 6 inches reinforced concrete slab is considered a proper foundation. It is recommended that you work with a contractor to ensure the foundation is built with the proper weight capacity for the Fitness System you are installing and that it is compliant with local code.

Creating a Drainage Plan

When planning for a recessed installation, please note there are several things to consider. Since water flows downhill and water tables tend to rise, it's important to install your Fitness System in a way that will protect it from rising water levels. Recessed installations are susceptible to flooding and ideally should have adequate drainage. At a minimum, a drainage system should be installed. Experts prefer regular surface drains with the smallest openings possible. If elevations allow, you should use gravity to remove the drainage. If you live in an area that is prone to high water tables or flooding, installation of a sump pump should also be considered.

It's important to isolate the recessed area from other drainage in the yard. If you connected the drains, the possibility exists that the drains could back up and everything would siphon down into your vault. Whatever method you choose, be sure to follow local codes and laws when designing your recessed Fitness System.

NOTE: If the base of the Fitness System is located either below an appropriate outlet/drain or in a vault-type location, then a sump pump is necessary.

Drain Location of Fitness System

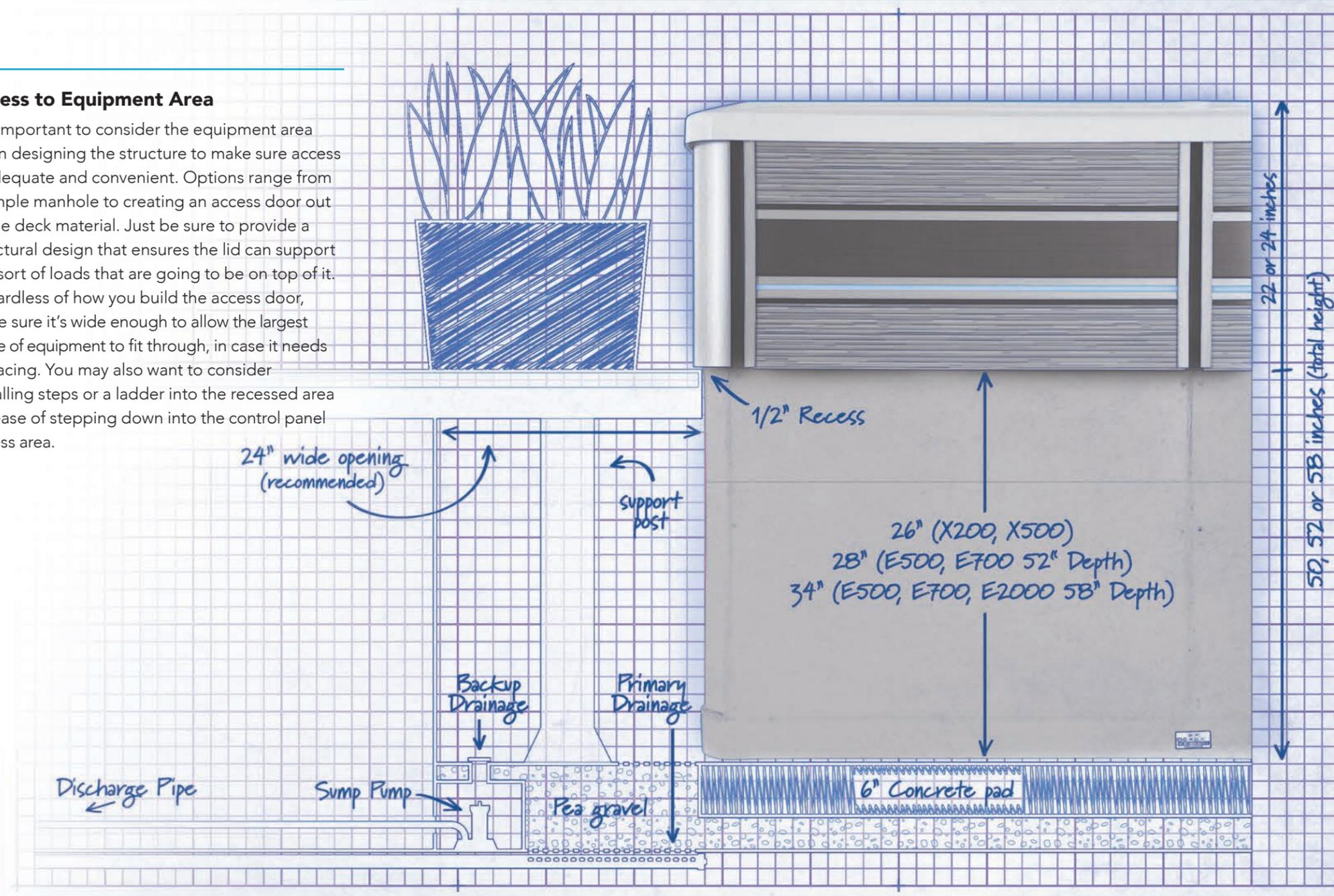
Ensure that there is access to the drain location, which is located inside the equipment area. If access is going to be limited, we suggest purchasing a portable sump pump for easy water removal. It is recommended that you change at a minimum 50 percent of your water every year; however, it is dependent on the amount of usage and local water conditions. Check with your dealer to determine if water in your region has unique qualities that might require further maintenance. The location you choose for your Fitness System needs to allow for this water to drain away from the Fitness System and any other structures, landscape or hardscape that could be negatively impacted by water flow.

Making the Recessed Area Structurally Sound

We strongly suggest consulting a licensed contractor when building your recessed area. It is usually best to use retaining wall engineering with shotcrete, granite, poured concrete or block. The configuration and depth of the recessed area must be considered during planning. The builder or engineer should also design the wall to make sure that it is stable and that its connection to its foundation is adequate. You should almost always pour a foundation slab and then construct the walls of the vault.

Access to Equipment Area

It is important to consider the equipment area when designing the structure to make sure access is adequate and convenient. Options range from a simple manhole to creating an access door out of the deck material. Just be sure to provide a structural design that ensures the lid can support any sort of loads that are going to be on top of it. Regardless of how you build the access door, make sure it's wide enough to allow the largest piece of equipment to fit through, in case it needs replacing. You may also want to consider installing steps or a ladder into the recessed area for ease of stepping down into the control panel access area.



Planning for Removal

It is best to plan for potential removal at the time of installation. There are a few options to consider.

Option 1

Construct your recessed patio or decking so that the entire front face of the Fitness System is exposed. This will allow movers to slide the Fitness System out of the surrounding decking or patio surface.

Option 2:

Construct a modular decking system that allows you to remove sections of your decking to enable the Fitness System to slide out.

Option 3:

If your Fitness System is installed in a vault or your decking cannot be constructed to accommodate removal, a crane can be used to remove the Fitness System. In preparation for removal, even if a crane is not required, it's good practice to pour a concrete pad with removal of the Fitness System in mind. When planning the foundation, lay two 2 inch x 6 inch beams across the width of the wet concrete to form recesses in the pad. Be sure to remove the beams before the concrete dries. Straps can then be snaked underneath the Fitness System, in the unlikely event that it must be completely removed for repairs.

Planning Checklist

To assist you in planning and installing your Fitness System, the following checklist can be used as a guide to help simplify the overall process. Contact your local dealer as you develop your plans. It may be of value to contact a landscape architect/designer/contractor to help you create your perfect outdoor solution.

- Select a Fitness System – see your local dealer to select the best model for your application
- Read the Pre-Delivery Instructions (found in the Planning Section of EndlessFitness.com)
- Determine what type of cover lifter you would like to use
- Review this document to determine which application best suits your needs
- Identify where you would like your Fitness System to be located
- Identify the direction you would like the Fitness System to face
- Identify how to maintain optimum access to all the necessary panels
- Identify from where the electrical will be drawn (contact an Electrical Contractor for installation and to ensure that the electrical installation meets the electrical codes for your area)
- Identify possible locations for the subpanel
- Plan for correct drainage around your Fitness System
- Ensure that there will be access to the Fitness System drain and that the water will drain away from the Fitness System or secure a sump pump for quick draining
- Fill Fitness System and enjoy!





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