

Models & Sizing

What are the standard sizes of the Modpool?

We offer a range of sizes to fit any backyard. See standard sizes below:

12'x8'

16'x8'

20'x8'

20'x12'

40'x8'

40'x12'

Do we offer a 30' Modpool?

Yes, we can customize any length between 20' - 40'. However, since anything longer than 20' will need to be modified from a 40' container, a 30' Modpool would cost the same as a 40' Modpool.

How deep are Modpools?

Both the 20' and 40' Modpools have a water depth of 4'6". The 16' and 12' models have a water depth of 3'11".

Can the depth be customized?

We can deepen the 20' and 40' models up to 8' however please chat with our sales team to provide the additional cost. The shallowest we can custom make our pools is down to around 2'.

Spa Feature

Can the Modpool be used as a hot tub as well as a pool?

Yes, it can be used as both. The divider wall insulates the spa section, retaining the heat in that part of the pool. You can also remove the divider wall for a hot pool (a pool heated to hot tub temperatures).

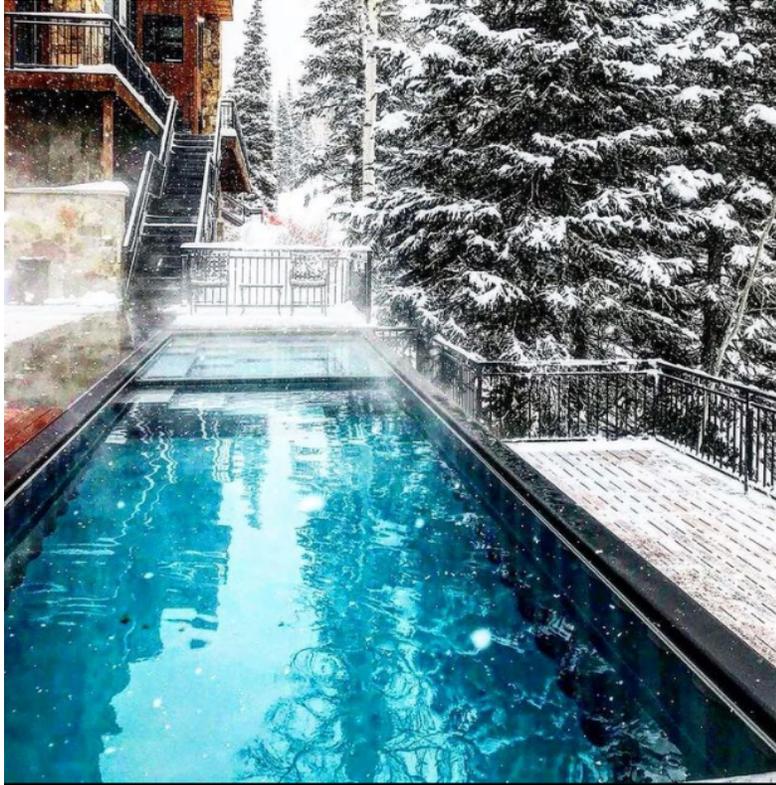
Can I use my pool year round? Does the Modpool retain heat in colder climates?

Our pools are insulated to retain heat even during cold winters. To use your pool's hot tub section year-round, you simply need to set an ambient temperature on your thermostat for the rest of the pool, ensuring the water temperature will not drop below freezing (if your water freezes it can damage the pool, pipes and pumps). If

your pool has a cover, it retains heat extremely well, such that you can maintain the temperature consistently without too much cost to you.

Here's some photo examples of the pool operating throughout the winter:





You also have the option to simply drain the Modpool and not use it over winter. If you choose to do that, you can follow these linked steps to protect your Modpool: [Winterizing Steps](#).

How heavy is the divider wall?

The divider wall weighs about 15-30 lbs dry weight, depending on the width of the Modpool. Any able bodied adult can easily remove and insert the divider. The only awkward part about the divider wall is the size as it'll run the width of the pool, so it may be easier to use (2) people.

How does the divider wall work?

The divider wall is a honeycomb structure, allowing water to pass through it while also acting as an insulator to retain heat on one side. It can't be used as a watertight wall, and the whole pool must be filled with water for it to function.

Do the lights in the pool shine through the spa divider?

Yes, the divider is transparent allowing the LED lights to shine through to the rest of the Modpool.

Heating

How hot can you heat the Modpool?

The 400k BTU heater can heat the Modpool to 104 degrees.

What heating options are available?

12' Modpool: 250k BTU Propane, 250k BTU Natural Gas Heater

16' Modpool: 250k BTU Propane, 250k BTU Natural Gas Heater

20' Modpool: 400k BTU Propane or 400k BTU Natural Gas Heater

40' Modpool: 400k BTU Propane or 400k BTU Natural Gas Heater

Can I use an electric heater?

The heaters we provide are compatible with natural gas or propane, however you do have the option to swap out one of our heaters and purchase a separate heat pump to heat the pool. We will remove the heater cost from the pool, and your plumber will just need to install the heater separately. Here is the heat pump most of our clients use:

[Pentair High Performance Heat Pump](#)

Or if you'd prefer an electric heater, the heater below is compatible with the Modpool:

[Raypak 27kW Heater](#)

Can you use solar power with a Modpool?

Yes, a few customers have used solar power for their pools. We would need to install a solar T on the piping beforehand, the customer would then be responsible to connect the solar panel to the solar T.

How do I connect my solar power to the Modpool solar T connection?

[Solar T Connection](#)

What size propane tanks should you use to heat the Modpool?

If you're opting for the Propane configuration of the 250,000 or 400,000 BTU Heater... there are two options:



X2 420 lb. Cylinders

OR



X1 500 Gallon Tank

*Two 420 lbs Cylinders are easier to move and hide than one 500 Gallon Tanks

Where is the heater for the Modpool located?

The heater is located in the mechanical room under the stairs behind the cargo doors.

Here's a link to a breakdown of the layout your Modpool's mechanical room will have:

[Mechanical Room \(+ UV Sanitation\) Layout](#)

****You can find additional heating information in your Contractors Package***

Equipment Specs

What comes included with the Modpool?

Everything you need to run your pool; heater, pump, led lights, filtration system etc.

Examples for reference: [Modpool Equipment Specs](#)

Can the LED light change colors?

Yes, you can change the color of the LED light using an app.

Do we offer a salt water option?

Currently, our Modpools are chlorine only. Salt water is more corrosive in its nature, thus requiring a lot of R&D before we are comfortable rolling it out in a container pool. We hope to have it available sometime in the future, but at present I'm afraid we are not able to offer a saline filter option. I'd recommend our UV Sanitation System and TruGuard Mineral Cartridge bundle. This is our way of keeping your chlorine levels up to 80% lower than a standard chlorine system. You'll still need to add chlorine, as every pool needs sanitation, but it's such a minimal amount that we

consider the composition closer to that of a freshwater pool.

Feel free to click on the links below to read more about the products:

[UV Sanitation](#)

[TruGuard Mineral Cartridge](#)

INSTALLATION

Where can you install Modpools?

Modpools are self-contained units, and highly portable as well, meaning they can be installed above ground, in-ground, on a slope, and everywhere in between! This makes a Modpool much more versatile than a traditional pool.

What preparation/work needs to be done for installation?

- 1) Landscaping prep
- 2) Crane/forklifting for offloading
- 3) Running electrical
- 4) Connecting gas line

What is the smallest space you can fit a Modpool in?

We typically recommend allowing for the dimensions of your pool plus an additional 1' square space for the foundation. If you're doing an in-ground installation, you'll also need 3' - 4' of swing space to open the cargo doors on the end of your pool, so that you can access your mechanical room. Check our contractor's package for more details.

Why does a concrete pad cost more?

We reinforce the bottom of the Modpool with additional steel so that it can handle the base that the pool will be placed on. This is an additional \$600 for labor and steel.

What do I need to consider before installing a pool in-ground or partially in-ground?

For in-ground pools, you'll need to allow a 4' clearance so that the mechanical room doors have enough space to swing open. For instance, if you're doing a 20' Modpool, you'd pour a 24' pad. (exact dimensions will be found in the Contractors Package) Most people have some sort of decking concept over this hole in the ground (the hole should be finished with retaining walls)

Here are some examples:

[Example 1](#)

[Example 2](#)

[Example 3](#)

And here's a photo of our mechanical room for reference:



Is a drainage system required for in-ground installs?

Yes, when installing your Modpool in-ground or partially in-ground, we require a big-o type drainage system.

**Always make sure to fill your Modpool with water before backfilling against your pool.*

- Supplies needed for the drainage install are:
 - 4" Diameter Big-O Piping or Perforated PVC
 - Gravel Fill
 - Building Wrap/Vapor Barrier

- Sump pump (if needed)

Where is the drain located on a Modpool?

There is a physical drain located in the equipment room.

It works on a two safety valve system. Below is a link on how to drain your future Modpool:

[How to Drain your Modpool](#)

What kind of requirements are there for the electrical and gas running to the Modpool?

Trenches will need to be dug to the electrical and gas merchants.

If the gas vent is buried for an in-ground installation, your plumber/gas fitter will need to "chimney" up to above ground upon install.

**Consult your local municipality for building codes regarding proper gas exchange.*

****You can find additional installation information in your Contractors Package***

OFFLOADING

How are the Modpools typically offloaded?

Most clients will need to use a crane to offload their Modpool as the pool may need to be lifted over the house, a fence, etc. If you have access on the ground, you could use a forklift or zoom boom to transfer from the pool from truck to install site.

Are there anchor points for the crane to use to lift the Modpool?

Yes, the anchor points from the original container structure have been left untouched, so the crane can easily use these 4 corners.

What are the dimensions of the delivery truck?

Modpools are delivered on a 53' flatbed truck with the following dimensions:

- Length: 60'
 - Width: 8.5'
 - Height: 10'
-

POOL COVERS

What is the purpose of the pool cover?

There are 3 main purposes of the pool covers:

- 1) *Safety* - the pool cover is a fully safety-rated cover, able to withstand the weight of multiple adults. They are ASTM rated.
- 2) *Cleanliness* - closing the pool cover when the pool is not in use will keep your pool free of debris.
- 3) *Heat* - closing the pool cover when the pool is not in use throughout the colder months will help retain up to 80% of heat!

How does the electric cover work?

The pool cover runs on a track installed just below the coping, on the interior wall of the Modpool, making it nice and discreet. It will be operated via a keycode that will be placed near the pool.

[Electric Cover Video](#)

Can someone walk on top of the pool cover?

We do not offer hard covers; however, all our covers are safety-rated and childproof, capable of supporting the weight of multiple adults standing on it when the pool is filled.

What are the electrical requirements for an electrical cover?

A separate 15A, 120V GFCI circuit needs to run from the electrical panel to the desired location of the control key pad for the electric cover.

WINDOWS

Does the window come standard with every Modpool?

No, the window is an added option for an additional cost.

Can we get windows in our Modpool?

With above-ground or sloped installations, you can have windows for underwater viewing! These can be installed on either lengthwise side of your pool, and can be up to 10' in length (depending on your pool's size and dimensions). You can also have an end wall window, situated opposite to the side of your pool with the mechanical room.

Can you get multiple windows on a Modpool?

Yes! Windows can be on the entry opposite, left or right sides, or a combination of the 3. Additionally, depending on the length of your pool, multiple windows can be added to the same side.

What are the windows made out of and how thick are they?

Our windows are made of high quality, 1" thick acrylic. This means they are much more impact and scratch resistant than a standard glass window. Acrylic is also very strong, engineered to withstand the weight of the water when your Modpool is filled. You also don't have to worry about your acrylic window yellowing in the sun, as they are coated with UV protection.

**A torque wrench should be used to tighten the bolts of your windows every 1-2 years.*

MAINTENANCE

Would a pool servicing company be able to do maintenance on a Modpool?

Yes, we use Pentair products which are a higher-end pool equipment brand that many pool servicing companies will know about.

What type of chemicals should be used for the Modpool?

Your pool will use standard liquid chlorine. We suggest going to your local pool supplies provider for more information. They can test your water, and provide the recommended solutions.

What are the maintenance costs for a Modpool?

Maintenance costs for a Modpool are the same as an in-ground pool:

- Energy/Year: \$800 - \$1200
- Chemicals/Year: \$500 - \$800
- Cartridge Filter change every 1 year will be \$250 USD

**UV Sanitation System add-on can cut chemical costs by 50%*

How do you maintain water pH levels?

[Maintaining Water pH](#)

How do you change the cartridge filter?

[Changing Your Cartridge Filter](#)

How do you change the chlorine?

[Changing the Chlorine](#)

How do you setup the Modpool WiFi?

[Modpool Wi-Fi Setup](#)

POOL CONSTRUCTION

Do Modpools have a coating on them to prevent corrosion?

Yes, we coat both the interior and exterior of every Modpool.

What is the process for adding the liner to the Modpool?

We begin by sandblasting the interior of our pool and caulking it with silicone gel. The pool liner is composed of several layers, the first being a marine epoxy primer, which is coated around the entirety of the pool, both the interior and the exterior. We then spray-apply 2 layers of pure polyurea liner. We finish with an HP urethane clear coat colored finish. We also do multiple holiday finder tests, using an electric pulse to detect any weak areas in our liner and fix any we find with silicone gel. Every step ensures a marine-grade seal.

Will my Modpool rust?

No, our liner is designed to prevent rusting. As the base structure of your Modpool is a steel alloy, there is a very slim chance that you could get a few small, isolated rust spots, but we provide all the repair materials you may need upon delivery, just as a preventative measure.

What helps keep the pool liner from corroding?

Proper and regular cleaning/maintenance will help prevent any corrosion to the pool liner.

Can you recoat the Modpool liner?

Yes, either we could travel there to execute it, or a local pool sprayer could take care of it.

How long do Modpools last?

Modpools will last many decades if professionally installed. For starters our structural warranty on the product is 7 years. We buy our containers used, but in perfect condition, so you get the absolute longest life out of your Modpool.

Are the shipping containers reinforced to handle the weight of the water?

Yes! When designing our pools, we made sure to include both Canadian and US engineers, who have provided structural calculations for us ensuring our product's ability to function as a safe and sturdy swimming pool.

Is the widened Modpool made from 2 shipping containers welded together?

No, it's actually 1 container cut down the middle, spaced apart and then steel lined.

WARRANTY

What's the warranty on my Modpool?

- Prorated structural warranty: 7 years
- Prorated liner warranty: 7 years
- Cover warranty: 15 years (Coverstar)
- Equipment warranty: 3 years (Pentair)
- Extended warranty on structure and liner cost = 10% x (total invoice - shipping cost)

Why should I purchase an extended warranty?

The extended warranty only costs an amount equal to 10% of your invoice total (minus the price of shipping), and it drops the prorating from the structural and liner warranties, ensuring you will be totally covered for the full seven year warranty period.

- "Prorated" means that, as the years progress, the amount of financial liability on the part of Modpools Ltd goes down--the onus of financial responsibility falls progressively more on the client until the warranty officially expires.
 - The extended warranty removes this clause in your warranty's terms of agreement.
-

PERMITS

Who is responsible for permits?

City permits and regulations for swimming pools are different in each and every municipality, and as such it is the client's responsibility to secure permitting. The best

route to take is to contact your municipality directly to discuss how they differentiate between things like hot tubs/swim spas that DON'T require permitting, and pools that do. This can be helpful in determining whether permitting for your pool is even required.

What information is required to get proper permitting?

Dimensions of your Modpool (we provide drawings for you)

The water capacity (varies by pool design, but we provide this number)

Whether or not you have safety-rated cover (all of our covers are safety-rated)

Whether your install will be in-ground or above-ground

Whether the pool is UL Listed (our Modpools are made UL compliant)

The engineering calculations (we have generic copies to offer. Stamped, personalized versions can be coordinated through our partner engineer)

We are happy to work closely with you as well, to provide any additional documentation (provided that we have it) they may need!

The city is requiring stamped and sealed engineering drawings, how do I get these?

We can provide stamped and sealed engineered drawings for a fee of \$1000.00 USD as we send your drawings to an out of house engineer to perform the calculations.

Are Modpools UL listed?

Yes, Modpools are UL listed and ICC certified.

Warranty & Service contact information:

Coverstar P: +1 (800) 617-7283 E: info@coverstar.com

Pentair P: +1 (800) 831-7133 E: wqspooltechnicalsupport@pentair.com

Endless Pools P: +1 (800) 910-2714