



BACKYARD PLANNING GUIDE





A photograph of a brown and white hot tub in a garden. The hot tub is on a dark wooden deck. Next to it is a woven basket containing three rolled-up towels in red, green, and blue. Behind the basket is a tall, narrow, woven vase. The background is a lush garden with green plants and a stone path.

Step-by-Step Planning Guide

Whether you are considering purchasing a spa by Master Spas, or can't wait for yours to be delivered, this guide will provide you with important information about choosing a location and preparing for installation.



MASTER SPAS®



Choosing the Perfect Location for your Spa

Every Master Spa is completely self-contained, making it quick and easy to install. All that's required is a solid, level surface that can handle the weight of the spa with water (approx. 2,000 to 6,000 lbs.*), GFCI electrical hook-up completed by a licensed electrician and a garden hose to fill it up. In less than a day, you will be enjoying the warm, swirling water of your own Master Spas hot tub.

Inside or Outside? Above Ground or Recessed? The choice is yours.

Master Spas are designed for inside or outside, year-round enjoyment and can be installed above ground, partially recessed or fully recessed. When choosing the location for your spa, consider how you will use your spa and what location will make it the most accessible and enjoyable for you and your family.

Location Planning Considerations

- How the spa will complement landscaping and vice versa
- The view from inside the spa and the view of the spa from inside the home
- Exposure to sunlight and shading from trees
- Privacy
- Getting to and from spa from the house
- Proximity to dressing rooms and bathrooms
- Storage for spa accessories and chemicals
- Local building codes (if applicable) and/or association requirements
- Access for routine maintenance or future repairs
- Power source

**Spas vary. For specific weights, see the chart located in the back of this booklet.*

INSIDE INSTALLATION

For an indoor installation into an existing space, it is best to consult your dealer to determine the exact size of the opening needed to move the spa into the room, as this will vary based on the model you've selected.

Ventilation and humidity control are very important to plan for when installing a spa inside. When the spa is in use, considerable amounts of moisture are produced. This moisture can damage walls and ceiling surfaces over time. Check to make sure that your paint, wallpaper, and/or woodwork can withstand increased humidity levels. In most cases, an exhaust fan is needed.



Because you will accumulate water around the spa, it is recommended that a floor drain be installed. For safety reasons, proper floor materials should be installed that are slip resistant when wet.

OUTSIDE INSTALLATION

Every Master Spa is insulated with environmentally-friendly Icynene foam and the bottom is finished with a high-density polymer base, which helps keep heat in and unwanted pests out. These features coupled with our insulated covers makes Master Spas one of the most energy-efficient spas in the industry, year-round.

Above Ground

The majority of customers choose to install their spa fully above ground on a patio or deck. The recommended foundation is a concrete pad with a minimum thickness of four (4) inches with steel reinforcement bars crossed throughout the pad.





Brick or Paver Installation

A brick surface or patio paver surface is acceptable as long as the ground underneath the spa has been leveled and filled with pea gravel or sand. This layer will need to be compacted and then the brick surface or patio pavers can be laid on top, followed by the spa. Some settling is to be expected because of the spa's weight when filled with water. Filled spas can weigh as much as several thousand pounds.

If you choose to place your new spa on this type of surface, it is critical that the surface be even, as not to put unnecessary stress on the frame or shell of the spa. It is also important for it to be level to avoid uneven water levels from one end of the hot tub to the other.



Deck Installation

If the spa is being installed on a wooden deck, it is recommended that you consult a qualified contractor or structural engineer to be sure that the deck can hold the weight of the spa. Please reference your specific spa model, located at the back of this booklet, for its size and weight when filled with water.



Partially or Fully Recessed

Master Spas can be lowered into a deck. You will need to provide the solid base that the spa will sit on. It is also necessary to provide access to service the components of the spa with enough room to remove entire side panels. Three feet around the perimeter is recommended. This can be done by having removable portions of your deck.

Partially or fully recessed installations need a floor drain system installed in the concrete pad. This system should be designed to move any water that may collect away from your spa.

Installation Requirements

While Master Spas are relatively easy to install and have a short setup time, there are several requirements from foundation to equipment access to electrical specifications that must be met in order to ensure your new spa operates properly.

Foundation

When filled with water and people, a spa can weigh as much as several thousand pounds and it is imperative that the foundation beneath the spa be able to support this weight. The spa must be on a uniformly firm, continuous and level surface. The recommended foundation is a concrete pad with a minimum thickness of four (4) inches with steel reinforcement bars crossed throughout the pad.

Drainage

If located outside, the area around your spa should drain well and slope away from the spa. Be sure to position your spa so that the equipment is not subject to flooding.

If you've selected an inside location or a partially or fully recessed installation it is imperative that a floor drain system be installed in the concrete pad. This system should be designed to move any water that may collect away from your spa.

Equipment Bay Access

Periodic maintenance checks require entry into the equipment bay and therefore easy access to this area is important. In the event that service is required, your dealer will need at least three feet of clearance around the perimeter of the spa.

Other Site Recommendations

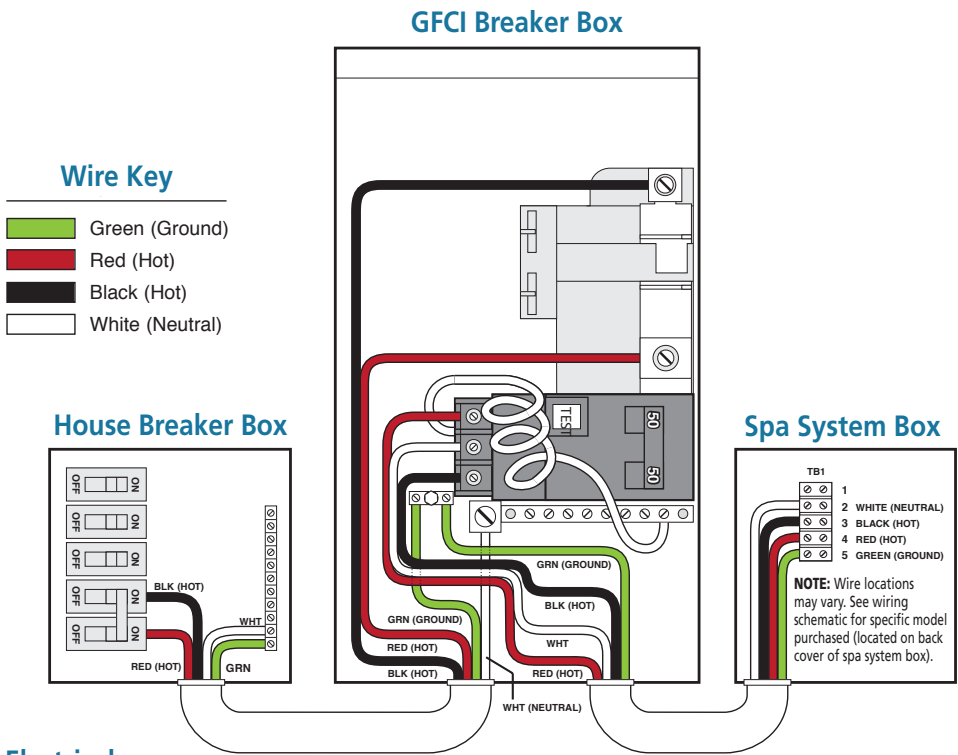
- Be sure there are no overhead power lines located within 15 feet of the spa.
- Be sure to consider your privacy when choosing your location for your spa.
- Consider the necessary clearance you'll need with the use of a cover lifter. Your local dealer will be able to provide this information.

No Special Plumbing Required

One of the many great things about a Master Spa is that no special plumbing is required because it has a built in heater and filtration system. Simply fill the spa using a garden hose and filter*. You can drain your spa using the gravity drain fitting that is included with your spa, or with an inexpensive submersible pump.



*This disposable sediment filter attaches to your garden hose and captures dirt particles in the water BEFORE they enter into your spa.



Electrical

Safety is absolutely the top priority at Master Spas. That's why every Master Spa is built to stringent UL safety standards and 3rd party certified by Intertek. Intertek is the worldwide leader in safety testing. However, as with any other product that involves water, you should use common sense and follow all electrical precautions as outlined in your owner's manual.

All spas must be connected by a certified, licensed electrician. Depending on the spa chosen and the options selected, different levels of service may be needed. Damage caused by improper electrical hookup may result in voiding of the warranty. Your licensed electrician should follow these basic guidelines:

- Electrician should refer to the owner's manual before beginning any work. It outlines the power requirements, specifications and hook-up information for the specific model of spa purchased.
- All spas require a high-quality Ground Fault Circuit Interrupter (GFCI) circuit breaker. The GFCI is required by the National Electrician Code (NEC) for your protection.
- It is recommended that the GFCI breaker be no more than 25 ft. from the spa to reduce intermittent tripping of the breaker. It is recommended that a standard breaker be used at the internal breaker box and the GFCI breaker be located outside for ease of service should the spa require service or repair.
- All wire must be copper. Use of aluminum wire voids the spa warranty.

Ensuring a Smooth Delivery

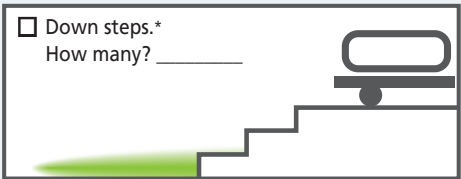
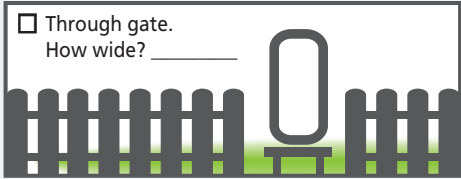
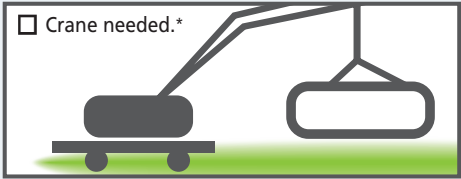
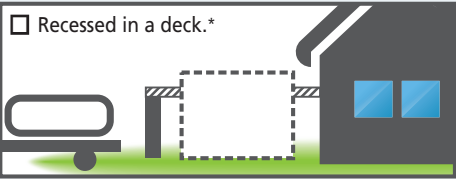
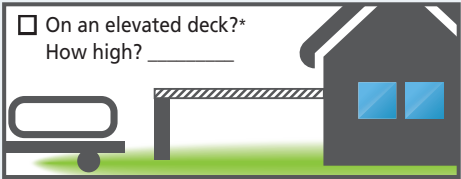
The actual dimensions of your new spa will determine the amount of space that is needed for moving the spa from curbside to its final installation area. Use the specification chart located in the back of this booklet to determine the correct size.

Walk the path that your new spa will travel during delivery and take measurements along the way. Be sure to measure side yard dimensions, gates or doors. Any other space limiting obstacles such as trees or shrubs must be evaluated as well.

Access to your chosen installation site must be solid, level ground that has been cleared of any obstructions prior to arrival. Keep in mind that you will need to remove any doors, windows, walls, handrails or other obstructions.

If your new Master Spa is being installed indoors, it will need to be moved into place by sliding or rolling it. If it will be installed outside and access is difficult, a crane may be needed in rare cases.

Use the images below to help you determine the equipment and access needed based on the location you've selected for your spa. Be sure to consult your Master Spas dealer to determine the best and most cost effective delivery method for your delivery.



*Extra cost may apply.

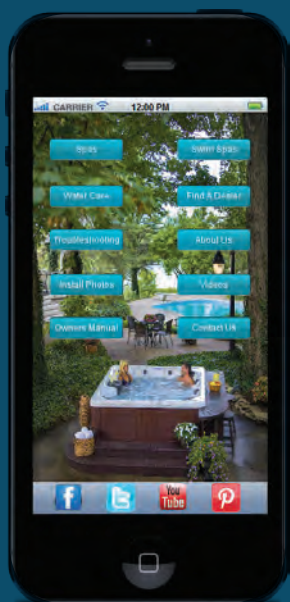
Master Spas Specifications

| MODEL | DIMENSIONS | WATER CAPACITY | DRY WEIGHT | FULL WEIGHT |
|----------|--|-------------------|--------------------|----------------------|
| LSX 900 | 108" x 94" x 38" (274 cm x 239 cm x 97 cm) | 490 gal (1,855 L) | 1,485 lbs (674 kg) | 7,055 lbs (3,200 kg) |
| LSX 800 | 94" x 94" x 38" (239 cm x 239 cm x 97 cm) | 410 gal (1,552 L) | 1,330 lbs (603 kg) | 5,860 lbs (2,658 kg) |
| LSX 700 | 84" x 84" x 38" (213 cm x 213 cm x 97 cm) | 305 gal (1,155 L) | 1,090 lbs (494 kg) | 4,560 lbs (2,068 kg) |
| TS 8.2 | 94" x 94" x 38" (239 cm x 239 cm x 97 cm) | 380 gal (1,438 L) | 1,065 lbs (483 kg) | 5,345 lbs (2,424 kg) |
| TS 8.35 | 94" x 94" x 38" (239 cm x 239 cm x 97 cm) | 400 gal (1,514 L) | 1,170 lbs (531 kg) | 5,805 lbs (2,633 kg) |
| TS 8.3 | 94" x 94" x 38" (239 cm x 239 cm x 97 cm) | 385 gal (1,457 L) | 1,115 lbs (506 kg) | 5,440 lbs (2,468 kg) |
| TS 87.3 | 94" x 84" x 38" (239 cm x 213 cm x 97 cm) | 310 gal (1,173 L) | 1,025 lbs (465 kg) | 4,535 lbs (2,057 kg) |
| TS 8.25 | 94" x 94" x 38" (239 cm x 239 cm x 97 cm) | 395 gal (1,495 L) | 1,100 lbs (499 kg) | 5,690 lbs (2,581 kg) |
| TS 7.2 | 84" x 84" x 38" (213 cm x 213 cm x 97 cm) | 305 gal (1,155 L) | 900 lbs (408 kg) | 4,555 lbs (2,066 kg) |
| TS 7.25 | 84" x 84" x 38" (213 cm x 213 cm x 97 cm) | 305 gal (1,155 L) | 935 lbs (424 kg) | 4,775 lbs (2,166 kg) |
| TS 6.2 | 78" x 78" x 34" (198 cm x 198 cm x 86 cm) | 250 gal (946 L) | 840 lbs (381 kg) | 3,850 lbs (1,746 kg) |
| TS 67.25 | 70" x 84" x 34" (178 cm x 213 cm x 86 cm) | 245 gal (927 L) | 760 lbs (345 kg) | 3,730 lbs (1,692 kg) |
| TS 240 | 78" x 78" x 34" (198 cm x 198 cm x 86 cm) | 205 gal (776 L) | 715 lbs (324 kg) | 2,980 lbs (1,352 kg) |
| HL 8.5 | 94" x 94" x 37" (239 cm x 239 cm x 94 cm) | 380 gal (1,438 L) | 1,020 lbs (463 kg) | 5,485 lbs (2,488 kg) |
| HL 8 | 94" x 94" x 37" (239 cm x 239 cm x 94 cm) | 370 gal (1,401 L) | 1,040 lbs (472 kg) | 5,240 lbs (2,377 kg) |
| HL 7.5 | 84" x 84" x 37" (213 cm x 213 cm x 94 cm) | 325 gal (1,230 L) | 860 lbs (390 kg) | 4,870 lbs (2,209 kg) |
| HL 7 | 84" x 84" x 37" (213 cm x 213 cm x 94 cm) | 305 gal (1,155 L) | 900 lbs (408 kg) | 4,370 lbs (1,982 kg) |
| HL 630L | 78" x 78" x 32" (198 cm x 198 cm x 81 cm) | 240 gal (908 L) | 720 lbs (327 kg) | 3,465 lbs (1,572 kg) |
| HL 624L | 78" x 66" x 32" (198 cm x 168 cm x 81 cm) | 170 gal (644 L) | 600 lbs (272 kg) | 2,575 lbs (1,168 kg) |
| HL 740L | 84" x 84" x 37" (213 cm x 213 cm x 94 cm) | 300 gal (1,136 L) | 840 lbs (381 kg) | 4,270 lbs (1,937 kg) |
| HL 620L* | 78" x 78" x 32" (198 cm x 198 cm x 81 cm) | 230 gal (871 L) | 675 lbs (306 kg) | 3,335 lbs (1,513 kg) |
| HL 616L* | 78" x 66" x 32" (198 cm x 168 cm x 81 cm) | 170 gal (644 L) | 605 lbs (274 kg) | 2,580 lbs (1,170 kg) |
| CLS 1055 | 94" x 120" x 39" (239 cm x 305 cm x 99 cm) | 565 gal (2,139 L) | 1,315 lbs (596 kg) | 7,695 lbs (3,490 kg) |
| CLS 855L | 94" x 94" x 36" (239 cm x 239 cm x 91 cm) | 395 gal (1,495 L) | 975 lbs (442 kg) | 5,380 lbs (2,440 kg) |
| CLS 855 | 94" x 94" x 36" (239 cm x 239 cm x 91 cm) | 430 gal (1,628 L) | 1,010 lbs (458 kg) | 5,895 lbs (2,674 kg) |
| CLS 738L | 84" x 84" x 36" (213 cm x 213 cm x 91 cm) | 335 gal (1,268 L) | 805 lbs (365 kg) | 4,710 lbs (2,136 kg) |
| CLS 738 | 84" x 84" x 36" (213 cm x 213 cm x 91 cm) | 340 gal (1,287 L) | 835 lbs (379 kg) | 4,970 lbs (2,254 kg) |
| CLS 730L | 84" x 84" x 36" (213 cm x 213 cm x 91 cm) | 330 gal (1,249 L) | 740 lbs (336 kg) | 4,605 lbs (2,089 kg) |
| CLS 730 | 84" x 84" x 36" (213 cm x 213 cm x 91 cm) | 335 gal (1,268 L) | 695 lbs (315 kg) | 4,785 lbs (2,170 kg) |
| CLS 524 | 66" x 84" x 32" (168 cm x 213 cm x 81 cm) | 215 gal (814 L) | 640 lbs (290 kg) | 2,990 lbs (1,356 kg) |
| CLS 415* | 50" x 85" x 29" (127 cm x 216 cm x 74 cm) | 135 gal (511 L) | 500 lbs (227 kg) | 2,000 lbs (907 kg) |

*120V Plug-in

More Backyard Ideas

To see more installation photos with backyard ideas for your Master Spa, download our free Master Spas Consumer App.



Master Spas Consumer App

- Master Spas Brochures
- Owners Manuals
- Water Care Guide
- Installation Photos
- Videos
- Troubleshooting Guide
- And much more!



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