BACKYARD PLANNING GUIDE

260.436.9100 / sales@masterspas.com / MasterSpas.com

Master Spas®

Step-by-Step Planning Guide

Whether you are considering purchasing a hot tub 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 Hot Tub

Every Master Spas hot tub 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 hot tub filled 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 very own hot tub.

Inside or Outside? Above Ground or Recessed? The Choice is Yours.

Master Spas hot tubs 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 hot tub, consider how you will use it and what location will make it the most accessible and enjoyable for you and your family.

Location Planning Considerations

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

*Weight of filled hot tubs 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 Master Spas Dealer to determine the exact size of the opening needed to move the hot tub 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 hot tub inside. When the hot tub 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 woodwork can withstand increased humidity levels. In most cases, an exhaust fan is needed.

Because water may accumulate around the hot tub, 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 hot tub we make 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 our hot tubs one of the most energy-efficient in the industry, year-round.

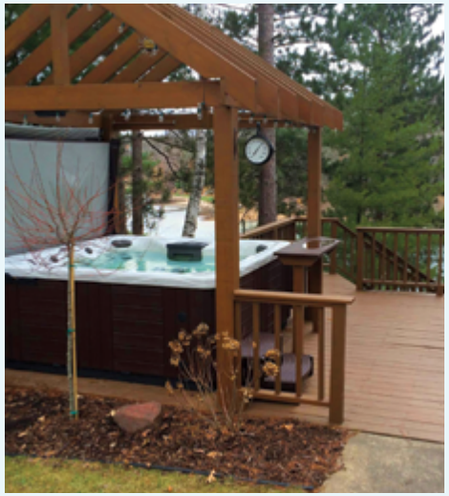
Above Ground

The majority of our customers choose to install their hot tub fully above ground on a patio or deck. The recommended foundation is a concrete pad with a minimum thickness of four 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 hot tub 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 hot tub. Filled hot tubs can weigh as much as several thousand pounds, so some settling is expected because of its weight.

If you choose to place your new hot tub on this type of surface, it is critical that the surface be even, to reduce unnecessary stress on the frame or shell of the hot tub. 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 hot tub 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 it. Please reference your specific hot tub model, located at the back of this booklet, for its size and weight when filled with water.

Partially or Fully Recessed

Master Spas hot tubs can be lowered into a deck. You will need to provide the solid base that the hot tub will sit on. It is also necessary to provide access to service the components of the hot tub 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 hot tub.

Installation Requirements

While Master Spas hot tubs 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 hot tub operates properly.

Foundation

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

Drainage

If located outside, the area around your hot tub should drain well and slope away from the hot tub. Be sure to position it 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 hot tub.

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 hot tub.

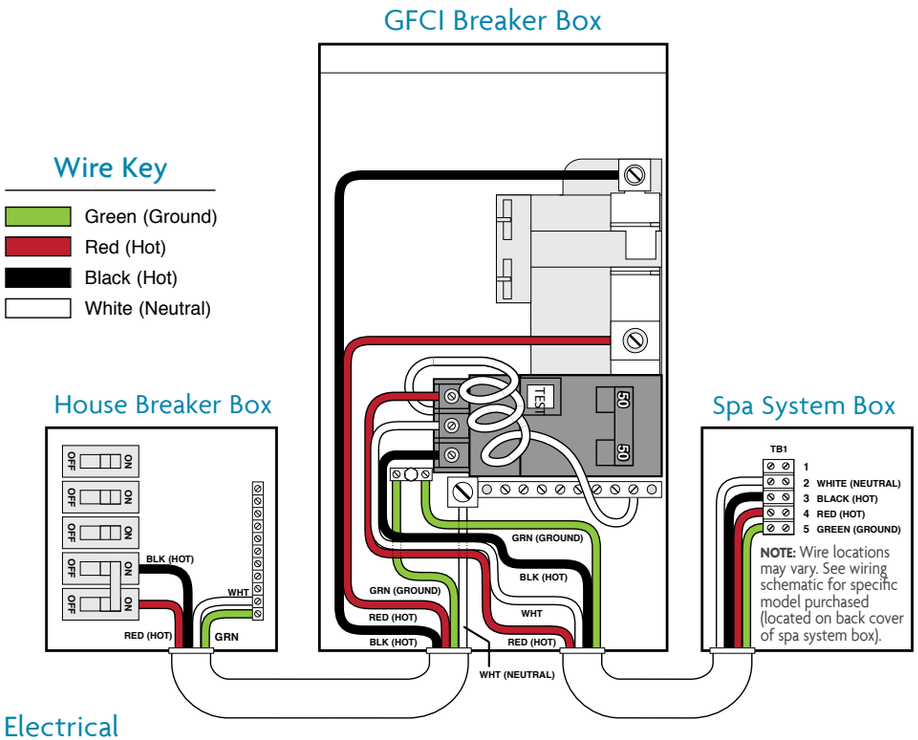
Other Site Recommendations

- Be sure there are no overhead power lines located within 15 feet of the hot tub.
- Be sure to consider your privacy when choosing the location for your hot tub.
- 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 Spas hot tub is that no special plumbing is required because it has a built-in heater and filtration system. Simply fill the hot tub using a garden hose and filter*. You can drain your hot tub using the gravity drain fitting that is included, 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 hot tub.



Electrical

Safety is absolutely the top priority at Master Spas. That's why every Master Spas hot tub is built and certified to stringent UL safety standards. UL is the most recognizable global independent company for 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 hot tubs must be connected by a certified, licensed electrician. Depending on the model 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 hot tub purchased.
- All hot tubs 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 feet from the hot tub 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 hot tub require service or repair.
- All wire must be copper. Use of aluminum wire voids the hot tub warranty.

Ensuring a Smooth Delivery

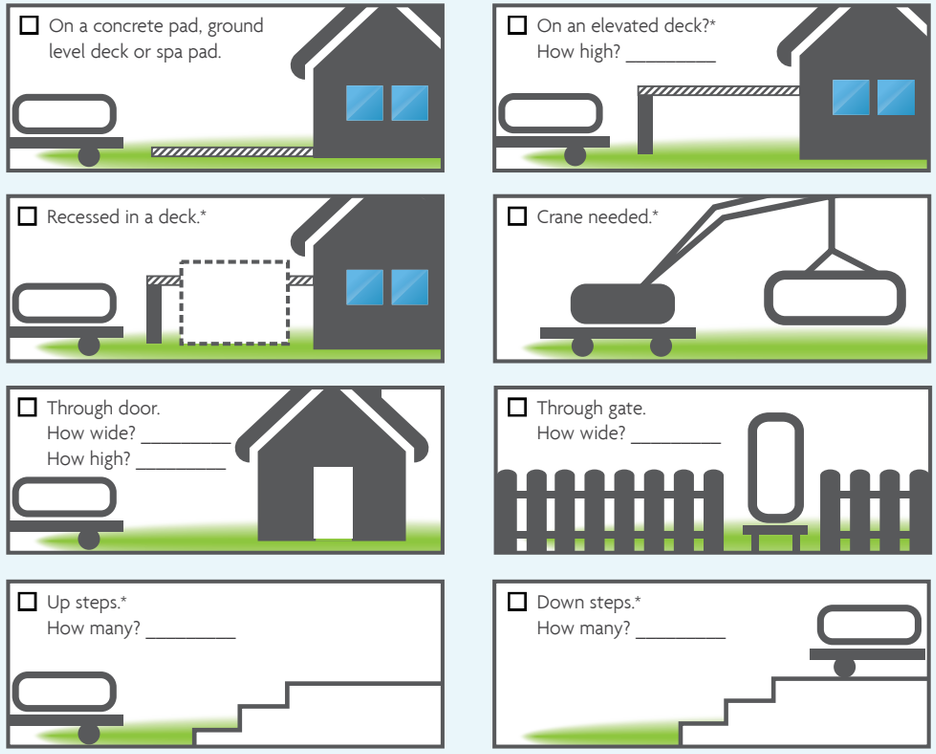
The actual dimensions of your new hot tub will determine the amount of space that is needed for moving it from the curbside to its final installation area. Use the model specification chart located in the back of this booklet to determine the correct size.

Walk the path that your new hot tub 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 Spas hot tub 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 illustrations below to help you determine the equipment and access needed based on the location you've selected for your hot tub. 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 Hot Tub Model Specifications

MODEL	DIMENSIONS	WATER CAPACITY	DRY WEIGHT	FULL WEIGHT
LSX 900	108"x 94"x 38" (275 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" (214 cm x 214 cm x 97 cm)	305 gal (1,155 L)	1,095 lbs (497 kg)	4,565 lbs (2,071 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 87.3	94"x 84"x 38" (239 cm x 214 cm x 97 cm)	310 gal (1,173 L)	1,025 lbs (465 kg)	4,540 lbs (2,059 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" (214 cm x 214 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" (214 cm x 214 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" (199 cm x 199 cm x 87 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 214 cm x 87 cm)	245 gal (927 L)	760 lbs (345 kg)	3,730 lbs (1,692 kg)
TS 240	78"x 78"x 34" (199 cm x 199 cm x 87 cm)	205 gal (776 L)	715 lbs (324 kg)	2,980 lbs (1,352 kg)
HL 8.5	94"x 94"x 36" (239 cm x 239 cm x 92 cm)	380 gal (1,438 L)	1,020 lbs (463 kg)	5,485 lbs (2,488 kg)
HL 8	94"x 94"x 36" (239 cm x 239 cm x 92 cm)	370 gal (1,401 L)	1,040 lbs (472 kg)	5,240 lbs (2,377 kg)
HL 7.5	84"x 84"x 36" (214 cm x 214 cm x 92 cm)	325 gal (1,230 L)	860 lbs (390 kg)	4,870 lbs (2,209 kg)
HL 7	84"x 84"x 36" (214 cm x 214 cm x 92 cm)	305 gal (1,155 L)	900 lbs (408 kg)	4,370 lbs (1,982 kg)
HL 630L	78"x 78"x 32" (199 cm x 199 cm x 82 cm)	240 gal (908 L)	720 lbs (327 kg)	3,465 lbs (1,572 kg)
HL 628L	66"x 78"x 32" (168 cm x 199 cm x 82 cm)	170 gal (644 L)	600 lbs (272 kg)	2,575 lbs (1,168 kg)
CLS Precision 8	94" x 94" x 36" (239 cm x 239 cm x 92 cm)	515 gal (1,950 L)	880 lbs (399 kg)	6,475 lbs (2,937 kg)
CLS Balance 8	94" x 94" x 36" (239 cm x 239 cm x 92 cm)	465 gal (1,760 L)	900 lbs (408 kg)	5,890 lbs (2,672 kg)
CLS Precision 7	84" x 84" x 36" (214 cm x 214 cm x 92 cm)	400 gal (1,514 L)	770 lbs (349 kg)	5,405 lbs (2,452 kg)
CLS Balance 7	84" x 84" x 36" (214 cm x 214 cm x 92 cm)	390 gal (1,480 L)	815 lbs (370 kg)	5,180 lbs (2,350 kg)

Looking for more ideas on how to situate your newly purchased hot tub?

See online photo gallery

RELAX. IT'S Master Spas®

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