

HOT TUB

BACKYARD PLANNING GUIDE



Plan. Prepare. **Relax.** It's MasterSpas.



READY, SET, SOAK

Welcome to your step-by-step planning guide. Whether you are considering purchasing a hot tub by MasterSpas, 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.





WHERE VISION MEETS VIBE

It all starts with a vision. You can see how a hot tub can add to your lifestyle and complement your outdoor living space. Indoors or out, on a stamped concrete patio or in-ground, you can choose the installation that fits that vision.





MAKE YOUR ESCAPE

Design a backyard retreat that's just steps away. As you plan for your hot tub, consider accessibility and privacy. Create a clear path to relaxation, whether it's a stone walkway or patio. And ample space around the spa provides access to equipment for routine maintenance.





SOAK IN THE PEACE & QUIET

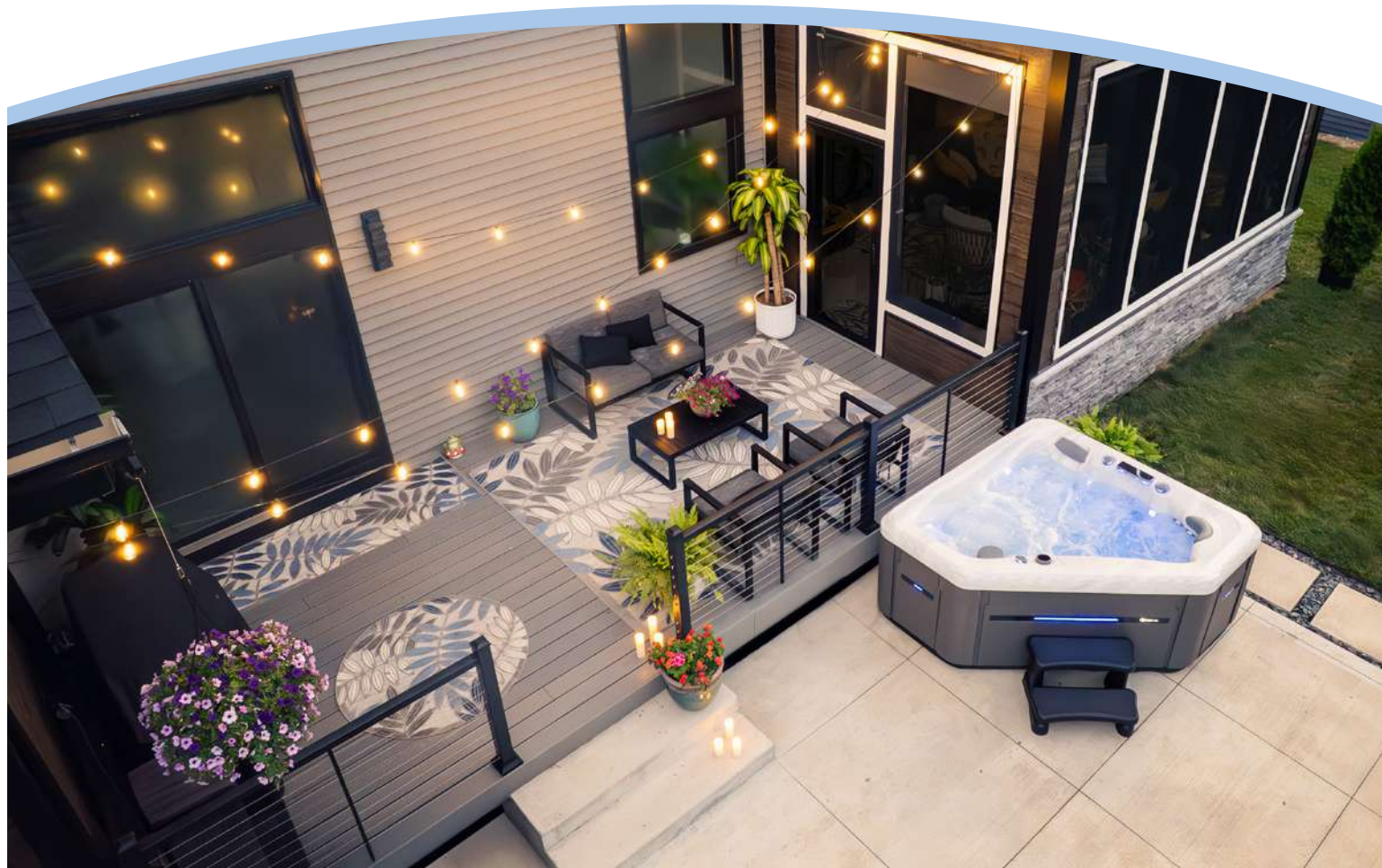
Create your own personal retreat. Keep in mind how much sun your hot tub will receive, as well as falling leaves and other environmental factors that can affect water quality. A hot tub cover will protect your investment, while structural elements can offer shade and decoration.





COZY SPACES, QUIET CORNERS

These locations are perfect for a three-person hot tub. When selecting the location for your spa, think of who will be using it. A tucked away spot might be ideal for couples, while a more spacious patio would benefit families who entertain.





ROOM WITH A VIEW

Your outdoor living space should have a view. It's not just about how the hot tub will look in your backyard but what you will see as you relax in the contoured therapy seats. Thoughtful placement can help maximize desirable views while maintaining privacy from neighbors and other surrounding areas.





SOAK IN STYLE, YOUR STYLE

Make it your own by selecting colors and options that complement your vision. Choose your acrylic and skirting colors, and add Bluetooth speakers.





LOCATION, LOCATION, RELAXATION

Inside or outside? Above ground or recessed? The choice is yours.

MasterSpas 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.

From zero to “Ahhh” in no time.

Every MasterSpas 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.*), a 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.

Location Planning Considerations

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

*Weights of filled hot tubs vary. For specific weights, see the chart located in the back of this booklet.

Interior Installation

For an indoor installation into an existing space, it is best to consult your MasterSpas 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 important considerations when installing a hot tub indoors. When the hot tub is in use, significant amounts of moisture are generated. Over time, this moisture can damage walls, ceilings, and other interior finishes. Ensure that paint, wallpaper, and woodwork are suitable for high-humidity environments. In most cases, installing an exhaust fan is necessary to help control moisture levels.

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.



Exterior Installation

Every hot tub we manufacture is insulated with environmentally friendly full-foam insulation and finished with a high-density polymer base that helps keep heat in and the elements out. These features, combined with our insulated covers, make our hot tubs among the most energy-efficient in the industry throughout the year.

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 that is at least four inches thick and reinforced with steel rebar arranged in a grid pattern throughout the pad.



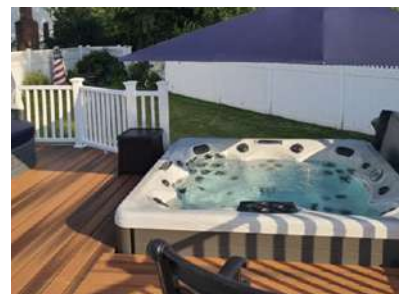
Bricks and Pavers

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 level and even to reduce unnecessary stress on the hot tub's frame and shell. Maintaining a level surface is also important to prevent uneven water levels from one end of the hot tub to the other.



Decks

If the hot tub is being installed on a wooden deck, it is recommended that you consult a qualified contractor or structural engineer to ensure that the deck can hold its weight. Please refer to your specific hot tub model, located in the back of this booklet, for its dimensions and filled weight.

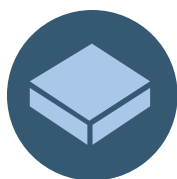


Partially or Fully Recessed

MasterSpas hot tubs can be installed partially or fully recessed into a deck. A solid, level foundation must be provided to support the hot tub. 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 sections of your deck. Partially or fully recessed installations need a floor drain system installed in the concrete pad. The drainage system should be designed to direct any collected water away from the hot tub.

INSTALLATION REQUIREMENTS

While MasterSpas hot tubs are relatively easy to install and have a short setup time, there are several requirements, ranging from foundation preparation and 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 that is at least four inches thick and reinforced with steel rebar 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 drainage 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

- Ensure there are no overhead power lines located within 15 feet of the hot tub.
- Consider your privacy when choosing the location for your hot tub.
- Account for the clearance required when using 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 MasterSpas 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.



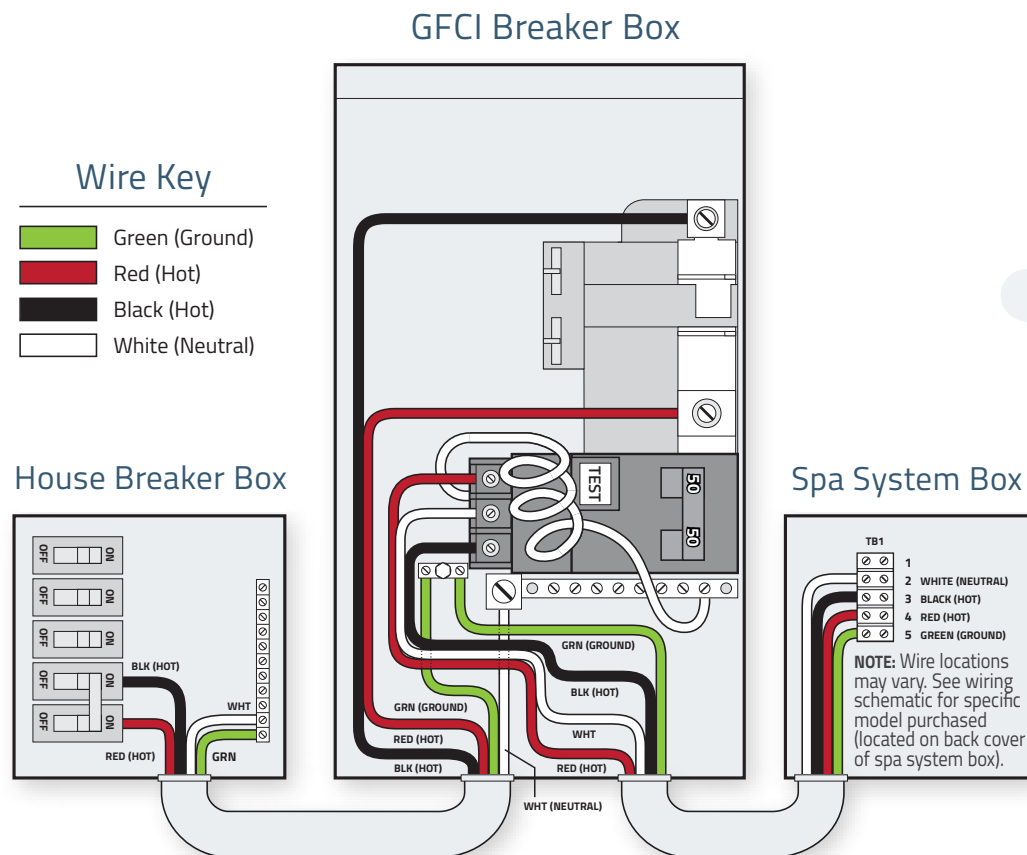
Electrical

Safety is absolutely the top priority at MasterSpas. That's why every MasterSpas hot tub is built and certified to stringent UL safety standards. UL is one of the world's most recognized independent safety-testing organizations. However, as with any other product that combines water and electricity, it is important to 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 selected and the options installed, 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 hookup 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 Electrical 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. For ease of servicing, a standard breaker may be installed in the main electrical panel, with the GFCI breaker located in an outdoor disconnect panel.
- All wiring must use copper conductors. The use of aluminum wiring will void the hot tub warranty.



PATH TO A PERFECT SOAK

Ensure a Smooth Delivery

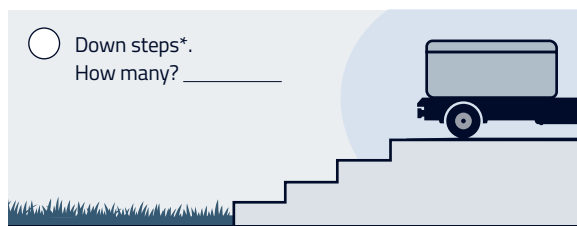
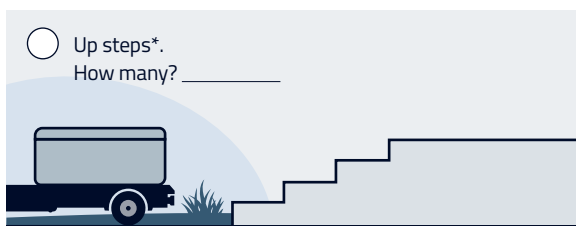
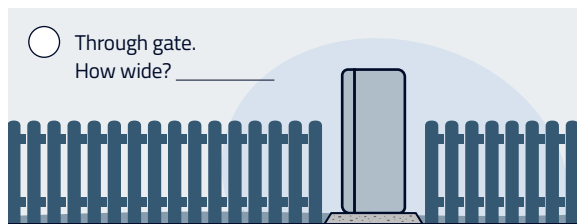
The actual dimensions of your new hot tub will determine the amount of space that is needed for moving it from the curbside to its final installation area. Use the model specification chart located in the back of this booklet to determine the correct size.

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, doorways, and any other potential access points. Other space-restricting obstacles, such as trees, shrubs, or landscaping features, should also be evaluated.

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 doors, windows, walls, handrails, or other obstacles may need to be temporarily removed to provide sufficient access.

If your new MasterSpas 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 limited, a crane may be required 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 MasterSpas dealer to determine the most efficient and cost-effective delivery method.



*Extra cost may apply.

MASTERSPAS HOT TUB MODEL SPECIFICATIONS

	MODEL	DIMENSIONS	WATER CAPACITY	DRY WEIGHT	FULL WEIGHT
Michael Phelps Legend	LSX 30	94" x 94" x 38" (239 cm x 239 cm x 97 cm)	350 gal (1,325 L)	1,130 lbs (513 kg)	4,975 lbs (2,257 kg)
	LSX 900	108" x 94" x 38" (275 cm x 239 cm x 97 cm)	500 gal (1,893 L)	1,490 lbs (676 kg)	7,145 lbs (3,241 kg)
	LSX 850	94" x 94" x 38" (239 cm x 239 cm x 97 cm)	400 gal (1,515 L)	1,170 lbs (531 kg)	5,805 lbs (2,634 kg)
	LSX 800	94" x 94" x 38" (239 cm x 239 cm x 97 cm)	420 gal (1,590 L)	1,330 lbs (604 kg)	5,945 lbs (2,697 kg)
	LSX 700	84" x 84" x 38" (214 cm x 214 cm x 97 cm)	310 gal (1,174 L)	1,095 lbs (497 kg)	4,610 lbs (2,092 kg)
Twilight	TS 8.25	94" x 94" x 38" (239 cm x 239 cm x 97 cm)	400 gal (1,515 L)	1,100 lbs (499 kg)	5,745 lbs (2,606 kg)
	TS 8.2	94" x 94" x 38" (239 cm x 239 cm x 97 cm)	390 gal (1,477 L)	1,065 lbs (484 kg)	5,435 lbs (2,466 kg)
	TS 7.25	84" x 84" x 38" (214 cm x 214 cm x 97 cm)	310 gal (1,174 L)	920 lbs (418 kg)	4,805 lbs (2,180 kg)
	TS 7.2	84" x 84" x 38" (214 cm x 214 cm x 97 cm)	310 gal (1,174 L)	975 lbs (443 kg)	4,675 lbs (2,121 kg)
	TS 6.2	78" x 78" x 34" (199 cm x 199 cm x 87 cm)	260 gal (985 L)	755 lbs (343 kg)	3,855 lbs (1,749 kg)
	TS 67.25	70" x 84" x 34" (178 cm x 214 cm x 87 cm)	250 gal (947 L)	810 lbs (368 kg)	3,825 lbs (1,736 kg)
	TS 240X	78" x 78" x 34" (199 cm x 199 cm x 87 cm)	210 gal (795 L)	715 lbs (325 kg)	3,035 lbs (1,377 kg)
Clarity	Balance 9	108" x 94" x 38" (275 cm x 239 cm x 97 cm)	530 gal (2,007 L)	1,080 lbs (490 kg)	6,805 lbs (3,087 kg)
	Balance 8	94" x 94" x 36" (239 cm x 239 cm x 92 cm)	410 gal (1,553 L)	925 lbs (420 kg)	5,275 lbs (2,393 kg)
	Precision 8	94" x 94" x 36" (239 cm x 239 cm x 92 cm)	480 gal (1,817 L)	965 lbs (438 kg)	6,275 lbs (2,847 kg)
	Balance 7	84" x 84" x 36" (214 cm x 214 cm x 92 cm)	350 gal (1,325 L)	845 lbs (384 kg)	4,695 lbs (2,130 kg)
	Precision 7	84" x 84" x 36" (214 cm x 214 cm x 92 cm)	380 gal (1,439 L)	885 lbs (402 kg)	5,355 lbs (2,430 kg)
	Balance 6	78" x 78" x 34" (199 cm x 199 cm x 87 cm)	280 gal (1,060 L)	705 lbs (320 kg)	3,975 lbs (1,804 kg)
	Balance 6CS	78" x 78" x 34" (199 cm x 199 cm x 87 cm)	280 gal (1,060 L)	705 lbs (320 kg)	3,975 lbs (1,804 kg)
LH	L7	84" x 84" x 36" (214 cm x 214 cm x 92 cm)	320 gal (1,212 L)	800 lbs (363 kg)	4,585 lbs (2,080 kg)
	S7	84" x 84" x 36" (214 cm x 214 cm x 92 cm)	340 gal (1,288 L)	775 lbs (352 kg)	4,915 lbs (2,230 kg)
	L6	78" x 78" x 34" (199 cm x 199 cm x 87 cm)	250 gal (947 L)	650 lbs (295 kg)	3,855 lbs (1,749 kg)
	S6	78" x 78" x 34" (199 cm x 199 cm x 87 cm)	260 gal (985 L)	635 lbs (289 kg)	4,105 lbs (1,863 kg)
	L5	78" x 60" x 34" (199 cm x 153 cm x 87 cm)	190 gal (720 L)	565 lbs (257 kg)	2,715 lbs (1,232 kg)
Getaway	Bar Harbor LE	86" x 86" x 35" (219 cm x 219 cm x 89 cm)	400 gal (1,515 L)	660 lbs (300 kg)	4,930 lbs (2,237 kg)
	Bar Harbor SE	86" x 86" x 35" (219 cm x 219 cm x 89 cm)	400 gal (1,515 L)	600 lbs (273 kg)	4,875 lbs (2,212 kg)
	Ocho Rios CS	86" x 72" x 34" (219 cm x 183 cm x 87 cm)	230 gal (871 L)	545 lbs (248 kg)	3,215 lbs (1,459 kg)
	Ocho Rios SE	86" x 72" x 34" (219 cm x 183 cm x 87 cm)	230 gal (871 L)	535 lbs (243 kg)	3,205 lbs (1,454 kg)
	San Miguel	79" x 69" x 32" (201 cm x 176 cm x 82 cm)	190 gal (720 L)	450 lbs (205 kg)	2,595 lbs (1,178 kg)