

Roberts Hot Tubs

Pre-installation Guide

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Table of Contents

Wood Storage and Best Practices 3

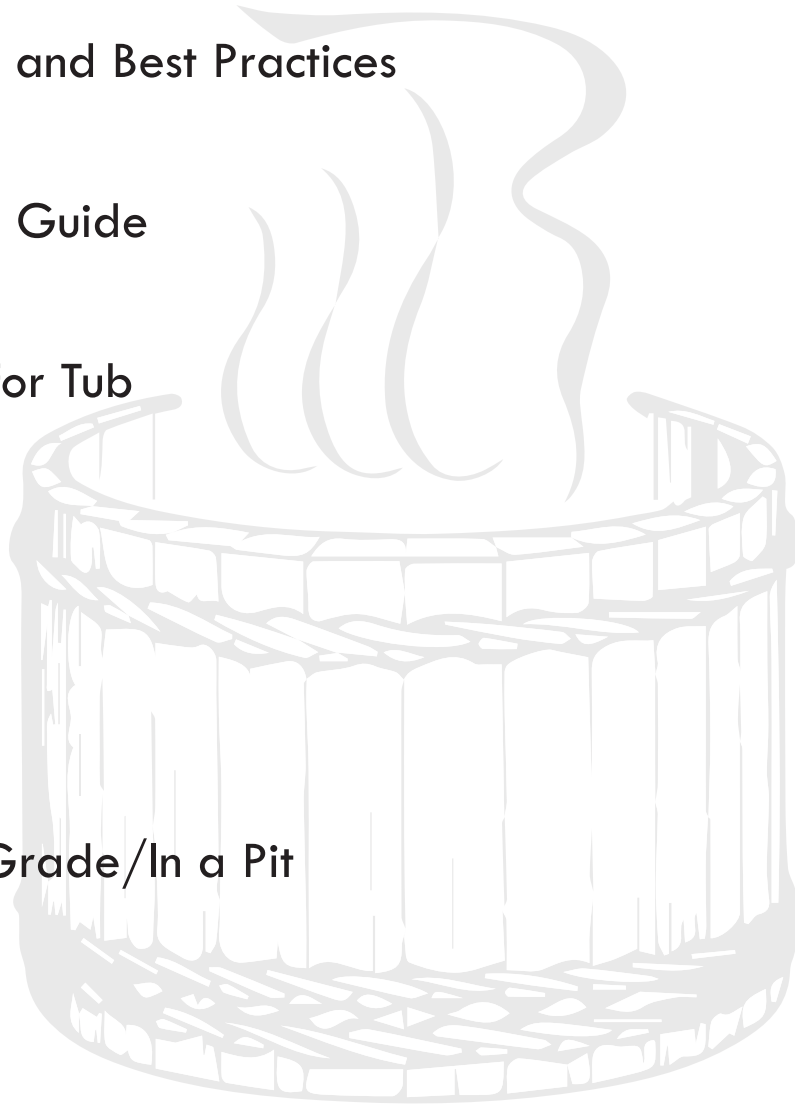
Wood and Tub Guide 3

Concrete Pad for Tub 3

Equipment 4

In deck installs 4

Installs Below Grade/In a Pit 4



Roberts Hot Tubs

Wood Storage

- Store and cover the wood carefully until the assembly is complete. Extreme temperatures, direct sunlight, and moisture can damage the wood.
- Once the tub is assembled, it needs to be kept covered and should be filled with water within 3 days.

Installation

- Currently, Roberts Hot Tubs does installations, and you can order a tub to be delivered pre-assembled. If you choose to do so, please ensure you have adequate room to move the tub to its final location.

Freight

- Roberts Hot Tubs only provides curbside delivery. The freight company will call to make an appointment for drop-off. If your home is not accessible by the freight company, you will need to pick up your tub at the terminal.

Wood and Tub Guide

- Wooden tubs require a break in period, where the color of the wood (tannins) will bleed into the water. It is still perfectly safe to use during this time.
- Your tub will leak when first filled until the wood swells.
- Prolonged exposure to sunlight will cause the color of the tub to turn grey.

Wood Types:

Western Red Cedar (WRC)

15-year lifespan

1-year break in period

Alaskan Yellow Cedar (AYC)

25-year lifespan

3-month break in period

Teak

40-year lifespan

6-month break in period

Tub Weight and Capacity:

Size	Dry Weight	Gallon Capacity	Total Weight
4X4 (50"tall w/supports)	250lbs	300gal	3,000lbs
5X4 (50"tall w/supports)	300lbs	500gal	5,000lbs
6X4 (50"tall w/supports)	400lbs	750gal	7,000lbs
7X4 (50"tall w/supports)	500lbs	1,000gal	10,000lbs
8X4 (50"tall w/supports)	600lbs	1,300gal	12,000lbs

Concrete Pad For Tub

- A 6" thick reinforced concrete pad is recommended for tubs. Minimum diameter is 6" less than the diameter of the tub, example: 6' diameter tub requires a 5.5' diameter pad. Depending on soil conditions, size and thickness of pads may need to vary.
- A concrete pad is not required, however it is highly recommended. Should you not set your tub on a concrete pad, it is important that the surface can support the weight of the tub once filled.

Equipment:

	Natural Gas / Propane	Electric	Chiller	Heat Pump
Electrical Service	220v 20a	220v 60a (11kw)	220v 40a + 220v 20a	220v 30a (55kBTU) + 220v 20a
Gas Line	Please consult the gas heater manual or plumber	NA	NA	NA
Min. Footprint	6'x2'	4'x2'	7'x3'	7'x3'
Clearances	Please consult the gas heater manual for the heater clearances.	The top loading filter is the tallest element at 2.5' otherwise no clearances	Please consult chiller manual for chiller clearances	Please consult heat pump manual for heater clearances

- Equipment may be stored at whatever distance from the tub is convenient. However, if the equipment is within 5' of the tub, it must be inaccessible from inside of the tub.
Examples: Placing the equipment in a room, behind a fence or under a deck.
- Equipment is best kept on grade with the tub. Please contact us if this is not the case.
- Depending on distance and difference in elevation, the size of the pipes that go between the tub and equipment will need to change. For tubs on grade between 5'-40' please use 2" PVC. For anything longer, or off grade please contact us.

In Deck Installs

- It is easier to build a deck around a tub rather than drop a tub into a deck. In the latter, please construct the tub next to the hole and drop it in after it has been assembled.

Installs Below Grade/In A Pit

- Tubs may go into a pit or below grade, but please make sure the following conditions are satisfied:
 1. There is a slab under the tub of appropriate strength.
 2. There is drainage in the pit.
 3. There are retaining walls of appropriate thickness.
 4. There is a minimum of 6" of clearance on all sides of the tub. 1' on all sides is highly recommended.
 5. If pipes and/or conduit are going to go through the retaining walls please use sleeves.