



D I M E N S I O N O N E S P A S

2000 HOMEOWNER'S INSTALLATION MANUAL

CONGRATULATIONS ON PURCHASING THE
WORLD'S BEST SPA.

Before Delivery

Before attempting to install or use your spa, please read these instructions thoroughly and carefully view the video owner's manual on your Dimension One Spa!

Because your spa is completely self-contained, you can install it just about anywhere you wish . . . on a deck, patio or even indoors. Just be sure to position it above ground, in an area with good drainage and on a level surface that fully contacts the bottom of the spa. A concrete slab is best but not required. You may choose to install it on a wood deck or bricks. If you choose to install your spa on a raised deck or indoors, we suggest you contact a structural engineer to confirm the surface will hold a spa filled with water. Settlement of your deck or slab may result in damage to the spa, which is not covered by warranty. (See specifications in this booklet.)

Wherever you plan to install your spa, be sure the surface is flat and solid. Locate your spa so that the equipment is above grade and not subject to flooding. **Water should always drain away from the spa.**

If you are placing your spa next to an obstacle, such as a fence or wall, be sure that you place the spa with the topside primary control panel facing forward for easy equipment access. Locate the **vents** on the drawing of your particular Dimension One spa. This is where cool air will enter and warm air will escape during spa operation. Please ensure that these areas are always free of obstructions. Also, allow additional space around the spa for any accessories you may have purchased - for example an E-Z Lifter® spa cover lift, steps or a gazebo. Check with your dealer on these additional space requirements.

Please Note: In most cities and counties, permits are required for the installation of electrical circuits or the construction of exterior structures such as decks and gazebos. Some communities have also adopted residential barrier codes which may require fencing and/or self-closing gates on the property to prevent unsupervised access to a spa by young children. Dimension One Spas and @Home Hot Tubs are equipped with a locking cover that meets or exceeds the "Standard for Safety Covers", but is not an adequate safety measure to prevent unsupervised entry. Please check with your local Building Permit Office which can inform you on any special requirements needed for installation of your electrical, decking or required barriers. Your local dealer may also provide you with information on local building and electrical codes.

Site Access

Please refer to the enclosed drawings for exact spa measurements. Your spa will probably be delivered on a dolly or cart. This additional distance from the ground to the dolly or cart must also be included in your measurements. Also, take into consideration that if your spa must be rolled up-hill or taken upstairs, you may need additional clearance or assistance.

Be sure to remove obstacles such as gates, planters, or items attached to the house. The point of entry must be clear of air conditioning units, heating units, meters, electrical boxes, etc.

It is best that your dealer pre-inspect the installation site and determine the best way to proceed. In the rare case where a crane must be brought in to assist in an installation, to insure success your dealer will supervise this for you.

Again, here are some of the most common installation hazards in planning your route:

- Gates
- Fences
- Eaves/Gutters
- Air Conditioner
- Heater
- Meters
- Hose Bibs
- Bushes
- Overhanging Branches
- Steps
- Adequate Clearance for 90° Turns

Electrical Requirements

If your spa operates on 220 volts, have a licensed electrician run the required power line to the spa installation site. The power inlet connection is located in the pedestal on the left side of the spa, approximately 25" from the front. The front of the spa is the section that includes the topside, primary control panel.

The manufacturer's label located in the equipment compartment lists the power requirements for your spa. **We recommend that only a licensed and bonded electrician make the required electrical connections.** Refer to the **Electrical Requirements Chart** for detailed information on all models.

Please Note : Your Spa requires a GFCI (Ground Fault Circuit Interrupter). We have included an instructional flyer both with your spa and in the center of this booklet to give to a licensed electrician. The GFCI is not included with your spa.

Electrical Requirements Chart				
Model	Power	Branch Circuit	Circuit Protection	Wire Gauge
Arena, Interlude, Triad & Triad II	240V, 24A	3 wire + ground	30A	#8 awg
	240V, 30A	3 wire + ground	40A	#6 awg
Aurora HP Aurora II, Californian, Chairman, Chairman II, Diplomat & Nautilus	240V, 24A	3 wire + ground	30A	#8 awg
	240V, 32A	3 wire + ground	40A	#6 awg
	240V, 38A	3 wire + ground	50A	#6 awg
Cove HP Dream HP Sojourn HP	240V, 32A	3 wire + ground	40A	#6 awg
Departure Dream Sojourn	240V, 24A	3 wire + ground	30A	#8 awg
Companion Cove	120V, 12A	2 wire + ground*	15A	#12 awg
	240V, 29A	3 wire + ground	40A	#6 awg

*A GFCI protected cord is required (P/N 1560-09)

Cover

The cover supplied with your spa is constructed of the highest quality materials. When installing the cover on your spa, be sure it is facing the correct direction. When standing in front of the topside primary control panel, the center seam or hinge, should run horizontally. You should be able to lift the handle of the cover and see the spa control panel. Allow 18 inches of extra space on the side of the spa where the optional E-Z Lifter® will rest in its upright, open position.



Your spa cover is equipped with quick-release keyed buckle locks which meet standards set by American Standards for Testing and Measurement (ASTM). For safety, always engage these locks when your spa is not in use.

Delivery

Here are some of the items to review when your spa is installed:

- Owner's Manual
- Spa Cover
- Locks on Spa and Cover
- Treating Cabinet
- Filter Use, Removal and Cleaning
- GFCI Location

- Electrical Disconnect Location
- How to Fill and Drain Spa
- How to Use the Topside Primary Control
- Instructions on your Ultra Pure™ Water Management System, CrystalZone™, or CD CrystalZone Ozone Generators
- Drain Valve and Hose Bib
- Changing Light Lens Cap
- Selector Valve Control
- Adjusting/Interchanging Jets
- Adjusting the NeckFlex™ Jet Pillow and Interchangeable Jets
- Water Chemistry and Chemicals
- Automatic Bromine Feeder (Optional)
- The use of the optional PureVision™ Cartridges

Check It Out

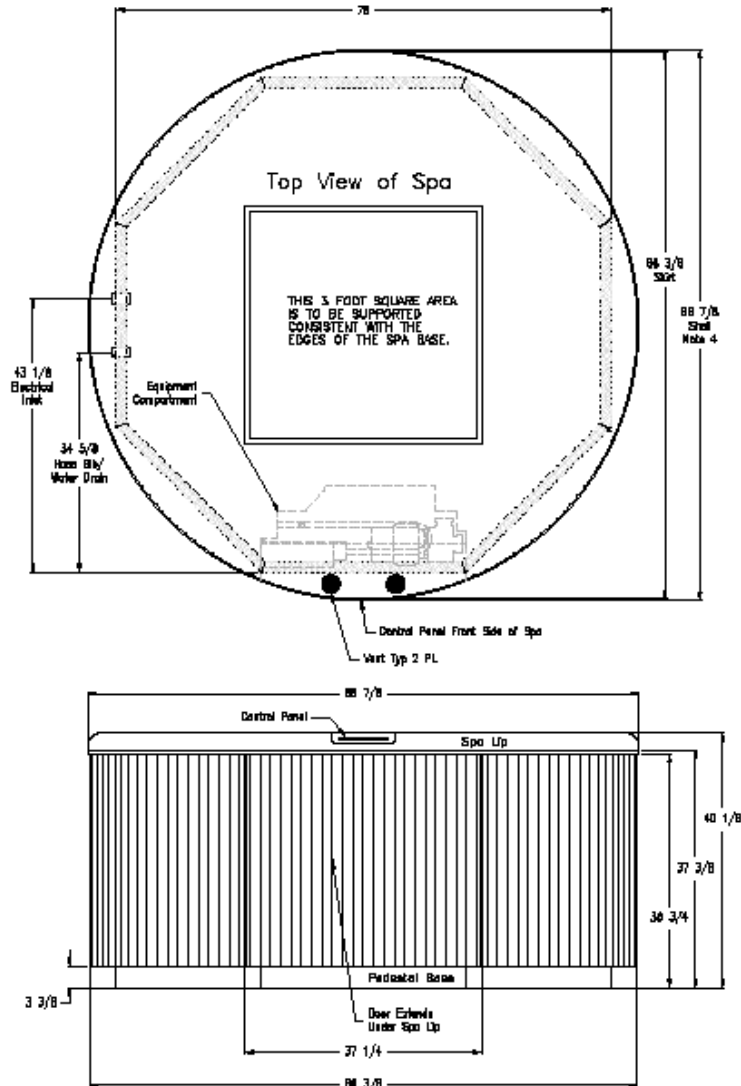
Now that your spa is situated, check these items before you fill it with water:

- **Draining Your Spa:** Locate the hose bib at the bottom of the spa, on the pedestal, to the left of the equipment compartment on Dimension One Spas, and to the right on @Home Hot Tubs. This is where you can hook-up your hose for spa draining.
- **Cleaning Your Filter:** Your spa is equipped with one or two top access filter cartridges. For optimum performance and water quality, we recommend that you clean the filters every month. Before you fill your spa, practice removing and reinstalling the filter cartridge(s).
- **Light Bulb Replacement:** Notice the location of the light. To change the bulb, drain spa below the level of the light and unscrew the light cover using the special tool provided in the owner's manual packet. Never try to remove the light housing cover without the special tool.
- **Caring For Your Spa Cover:** The thermal cover for your spa is an extremely durable foam insulated product. See the manufacturer's literature for proper cleaning instructions. When the spa is not in use, it is recommended that the cover locks always be utilized to discourage unsupervised use and to minimize heat loss.

Spa Specifications

The following section of these Instructions will give you detailed information on the sizes of both Dimension One Spas and @Home Hot Tubs. Dimension One Spas are listed first, alphabetically by model, followed by @Home Hot Tubs in the same order.

Arena by Dimension One Spas



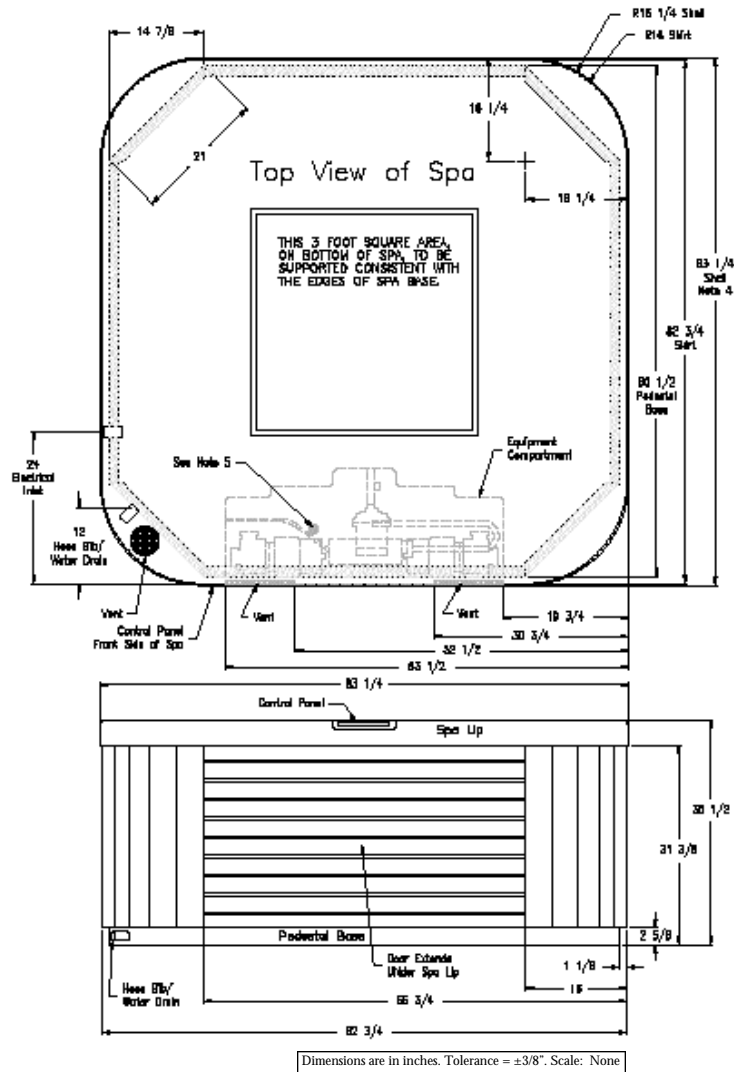
NOTES:

1. Subject to change without notice.
2. Engineering specs may differ slightly from brochure.
3. In general manufacturing tolerances on all dimensions are within $\pm 3/8$ ". However for close tolerance installations, it is recommended that the specific unit be measured before building surrounding decks or other similar structures.
4. For E-2 After installation allow 18" clearance on the back side of the spa.

Dimensions are in inches. Tolerance = $\pm 3/8$ ". Scale: None

86-7/8" round x 40-1/8"h
 500 Lbs. Dry; 3,820 Lbs. Filled
 Water Capacity: 400 Gallons

Aurora II by Dimension One Spas

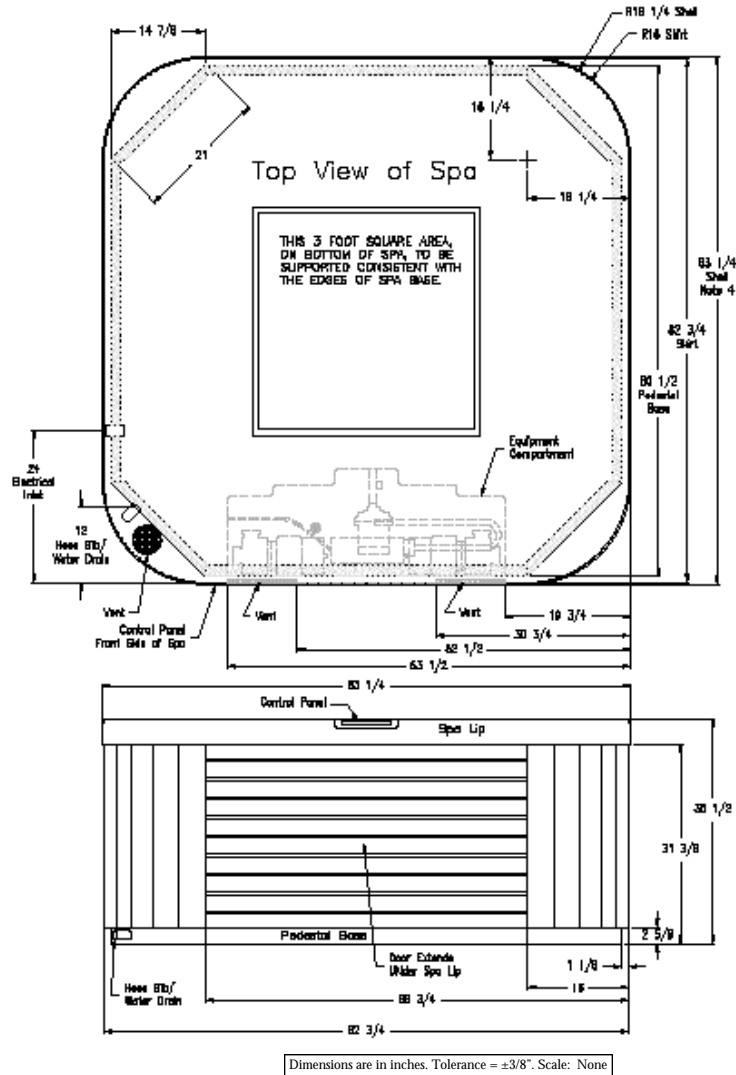


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3. In general manufacturing tolerances on all dimensions are within ±3/8". However for close tolerance installations, it is recommended that the specific unit be measured before building surrounding decks or other similar structures.
4. For E-2 Wiring installation allow 18" clearance on the back side of the spa.
5. This is the recommended location for drilling a hole for bringing the power lines in through the bottom spa. Be careful not to puncture a plumbing line inside the Equipment Compartment (drill from the inside Compartment out).
6. Alternative cabinets may add significant weight. Ask your dealer for exact details.

83-1/4" w x 83-1/4" l x 35-1/2" h
 610 Lbs. Dry; 3,100 Lbs. Filled
 Water Capacity: 300 Gallons

Aurora HP by Dimension One Spas

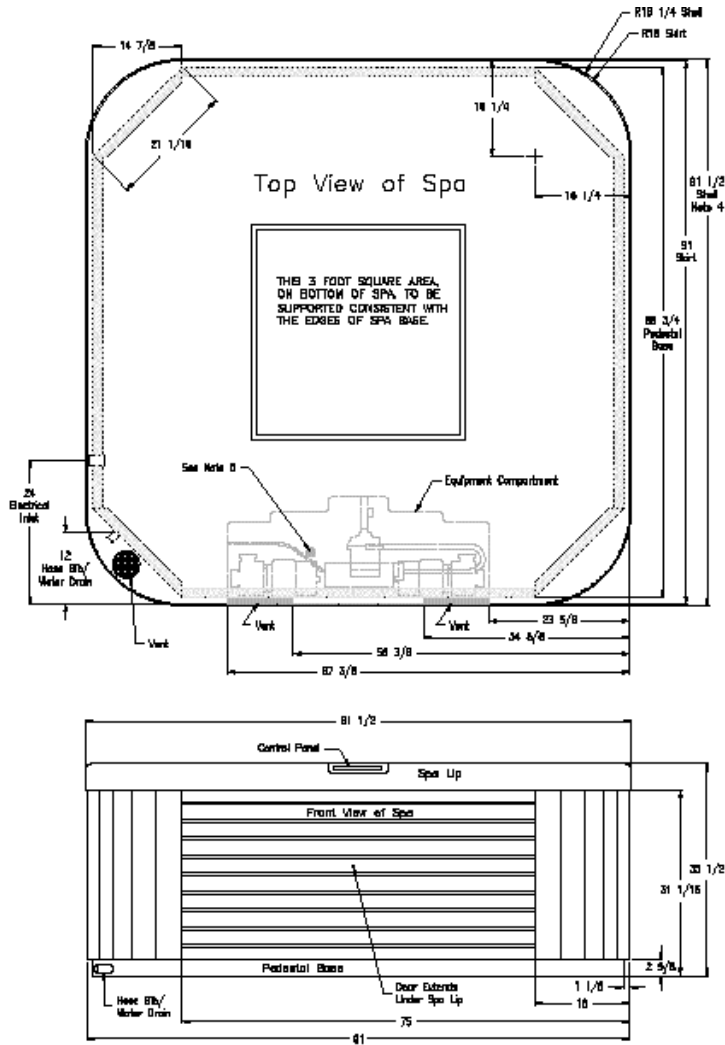


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3. In general manufacturing tolerances on all dimensions are within ±3/8". However for close tolerance installations, it is recommended that the specific unit be measured before building surrounding decks or other similar structures.
4. For E-2 Lifts installation allow 18" clearance on the back side of the spa.
5. Alternative cabinets may add significant weight. Ask your dealer for exact details.

83-1/4" w x 83-1/4" l x 35-1/2" h
 610 Lbs. Dry; 3,100 Lbs. Filled
 Water Capacity: 300 Gallons

Californian by Dimension One Spas

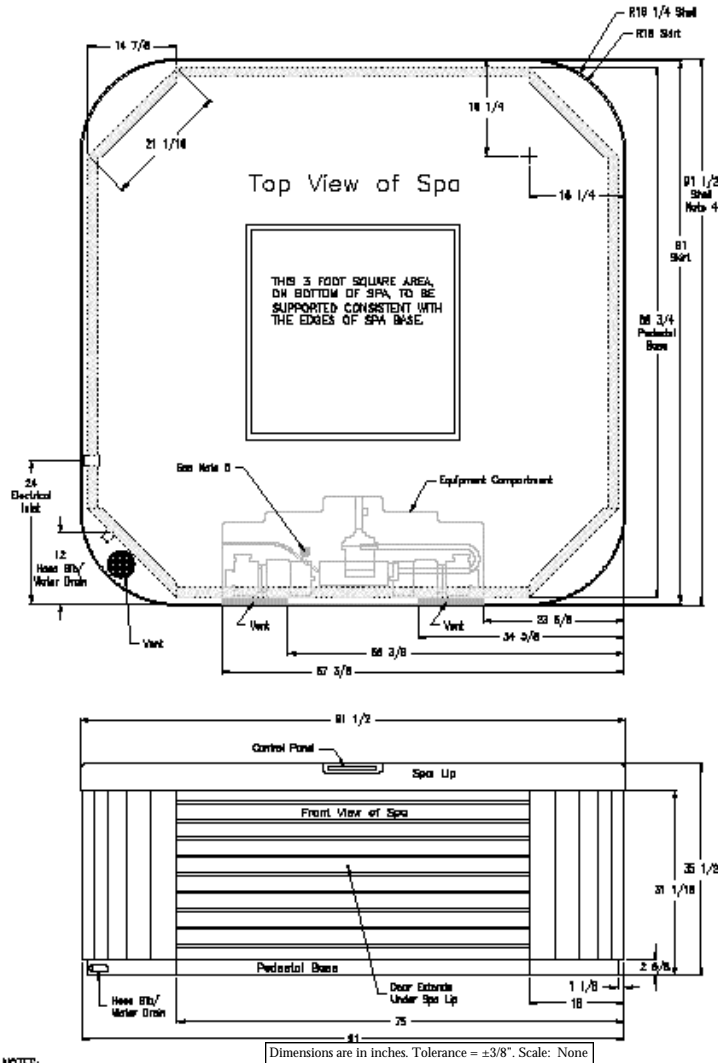


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3. In general manufacturing tolerances on all dimensions are within $\pm 3/8"$. However for close tolerance installations, it is recommended that the specific unit be measured before building surrounding decks or other similar structures.
4. For E-Z Litter installation allow 18" clearance on the back side of the spa.
5. This is the recommended location for drilling a hole for bringing the power lines in through the bottom spa. Be careful not to puncture a plumbing line inside the Equipment Compartment (drill from the inside Compartment out).
6. Alternative cabinets may add significant weight. Ask your dealer for exact details.

91-1/2" w x 91-1/2" l x 35-1/2" h
 660 Lbs. Dry; 3,980 Lbs. Filled
 Water Capacity: 400 Gallons

Chairman by Dimension One Spas

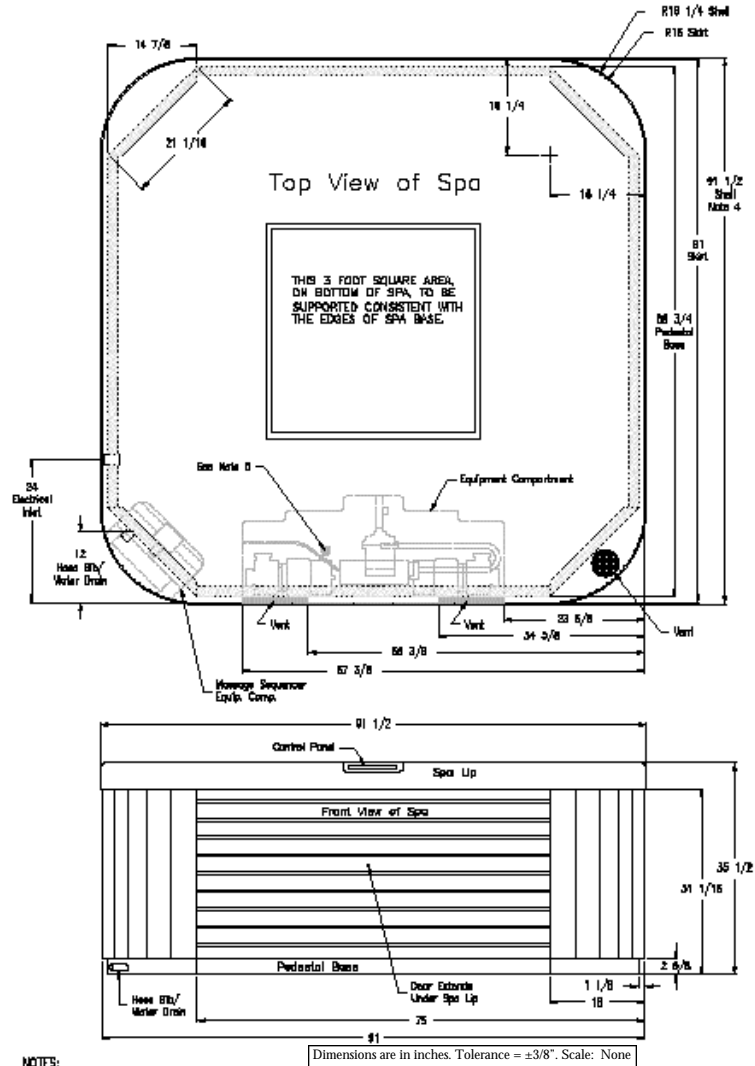


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3. In general manufacturing tolerances on all dimensions are within $\pm 3/8"$. However for close tolerance installations, it is recommended that the specific unit be measured before building surrounding decks or other similar structures.
4. For E-Z Litter installation allow 18" clearance on the back side of the spa.
5. This is the recommended location for drilling a hole for bringing the power lines in through the bottom spa. Be careful not to puncture a plumbing line inside the Equipment Compartment (drill from the inside Compartment out).
6. Alternative cabinets may add significant weight. Ask your dealer for exact details.

91-1/2" w x 91-1/2" l x 35-1/2" h
 685 Lbs. Dry; 4,005 Lbs. Filled
 Water Capacity: 400 Gallons

Chairman II by Dimension One Spas

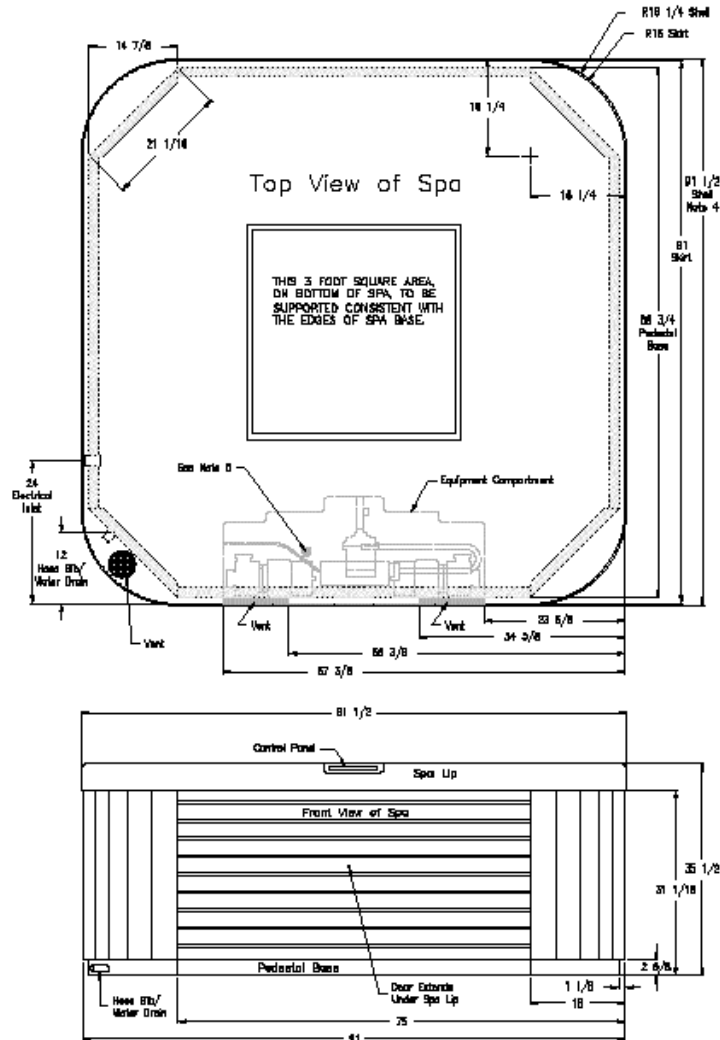


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4. For E-2 filter installation allow 18" clearance on the back side of the spa.
5. This is the recommended location for drilling a hole for bringing the power lines in through the bottom spa. Be careful not to puncture a plumbing line inside the Equipment Compartment (drill from the inside Compartment out).
6. Alternative cabinets may add significant weight. Ask your dealer for exact details.

91-1/2" w x 91-1/2" l x 35-1/2" h
 685 Lbs. Dry; 4,005 Lbs. Filled
 Water Capacity: 400 Gallons

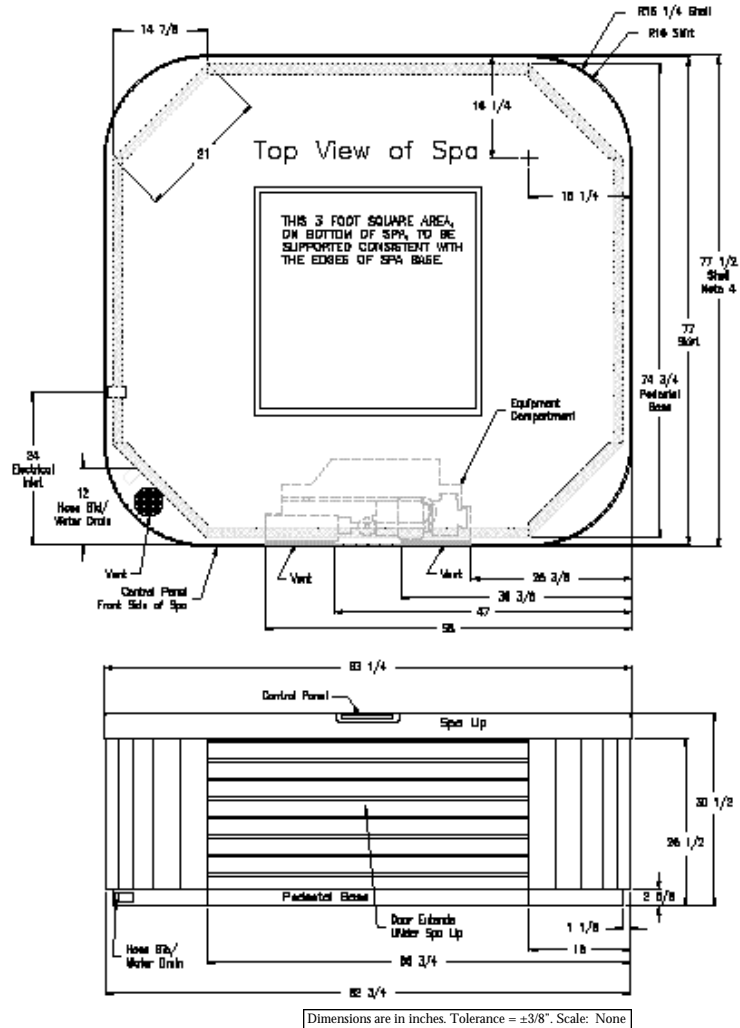
Diplomat by Dimension One Spas



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 4. For E-2 Litter installation allow 18" clearance on the back side of the spa.
 5. This is the recommended location for drilling a hole for bringing the power lines in through the bottom spa. Be careful not to puncture a plumbing line inside the Equipment Compartment (drill from the inside Compartment out).
 6. Alternative cabinets may add significant weight. Ask your dealer for exact details.

91-1/2" w x 91-1/2" l x 35-1/2" h
 715 Lbs. Dry; 3,413 Lbs. Filled
 Water Capacity: 325 Gallons

Interlude by Dimension One Spas

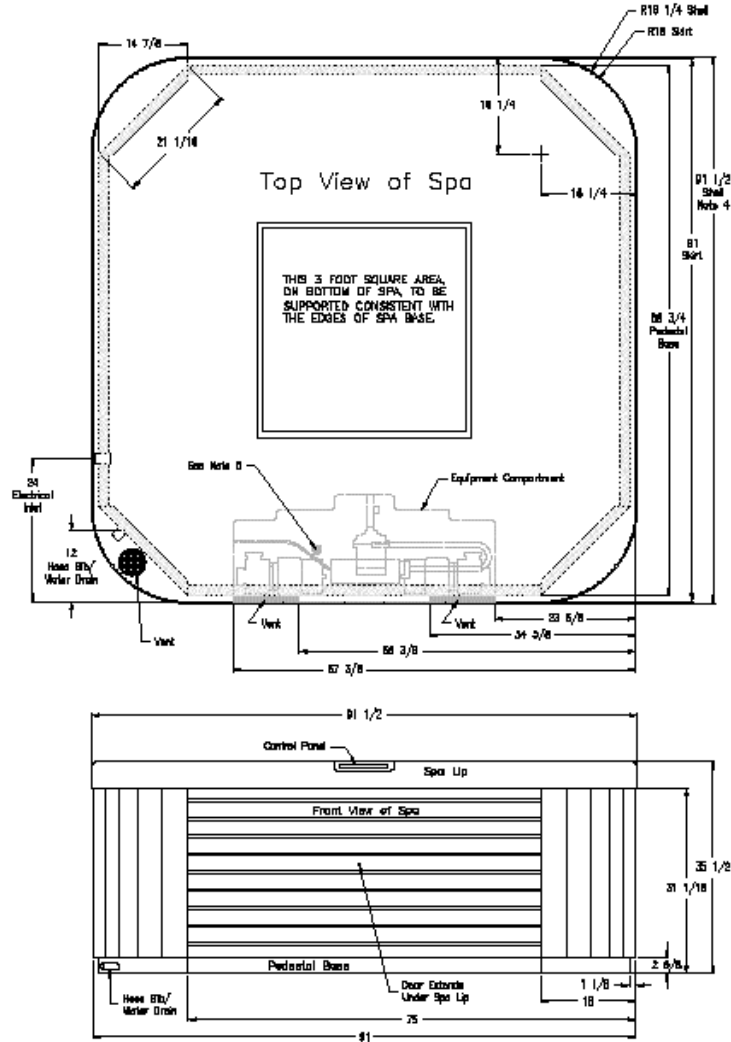


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3. In general manufacturing tolerances on all dimensions are within ±3/8". However for close tolerance installations, it is recommended that the specific unit be measured before building surrounding decks or other similar structures.
4. For E-Z Lifter installation allow 18" clearance on the back side of the spa.
5. Alternative cabinets may add significant weight. Ask your dealer for exact details.

83-1/4w x 77-1/2"l x 30-1/2"h
 450 Lbs. Dry; 2,735 Lbs. Filled
 Water Capacity: 275 Gallons

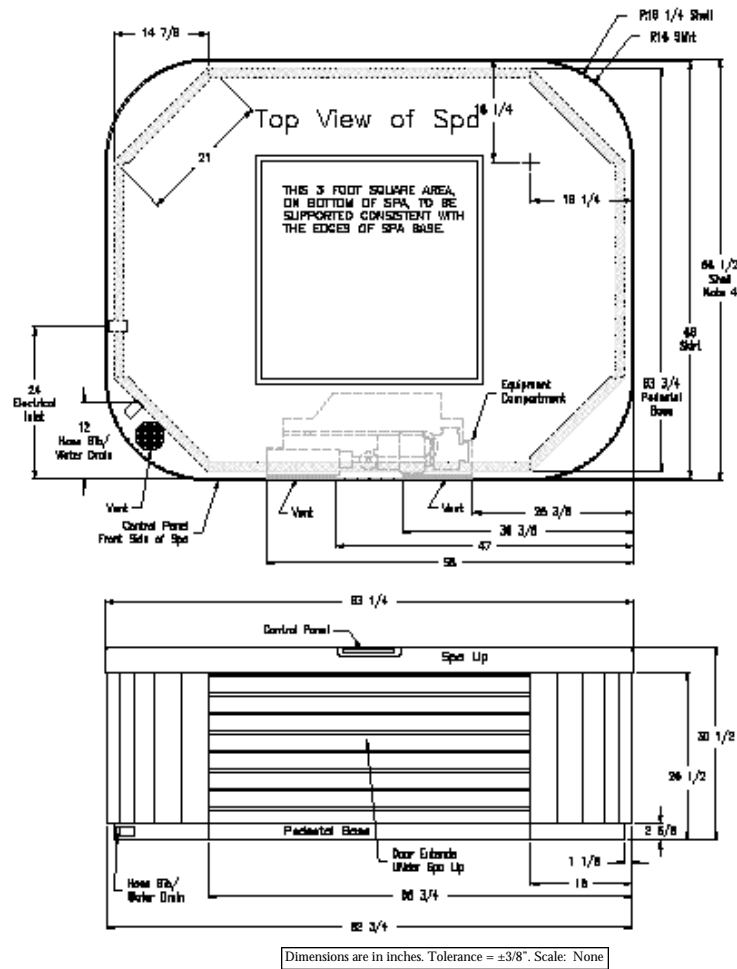
Nautilus by Dimension One Spas



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 4. For E-2 Liter installation allow 18" clearance on the back side of the spa.
 5. This is the recommended location for drilling a hole for bringing the power lines in through the bottom spa. Be careful not to puncture a plumbing line inside the Equipment Compartment (drill from the inside Compartment out).
 6. Alternative cabinets may add significant weight. Ask your dealer for exact details.

91-1/2" w x 91-1/2" l x 35-1/2" h
 675 Lbs. Dry; 4,410 Lbs. Filled
 Water Capacity: 450 Gallons

Triad by Dimension One Spas

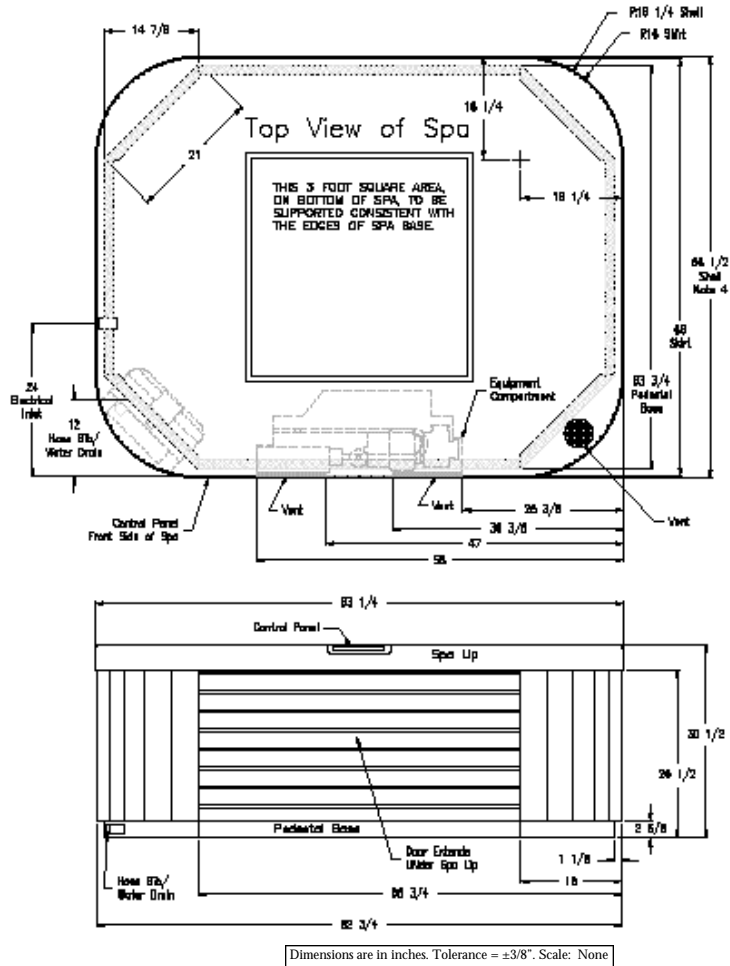


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4. For E-Z Lifter installation allow 18" clearance on the back side of the spa.
5. Alternative cabinets may add significant weight. Ask your dealer for exact details.

83-1/4" w x 66-1/2" l x 30-1/2" h
 390 Lbs. Dry; 2,050 Lbs. Filled
 Water Capacity: 200 Gallons

Triad II by Dimension One Spas

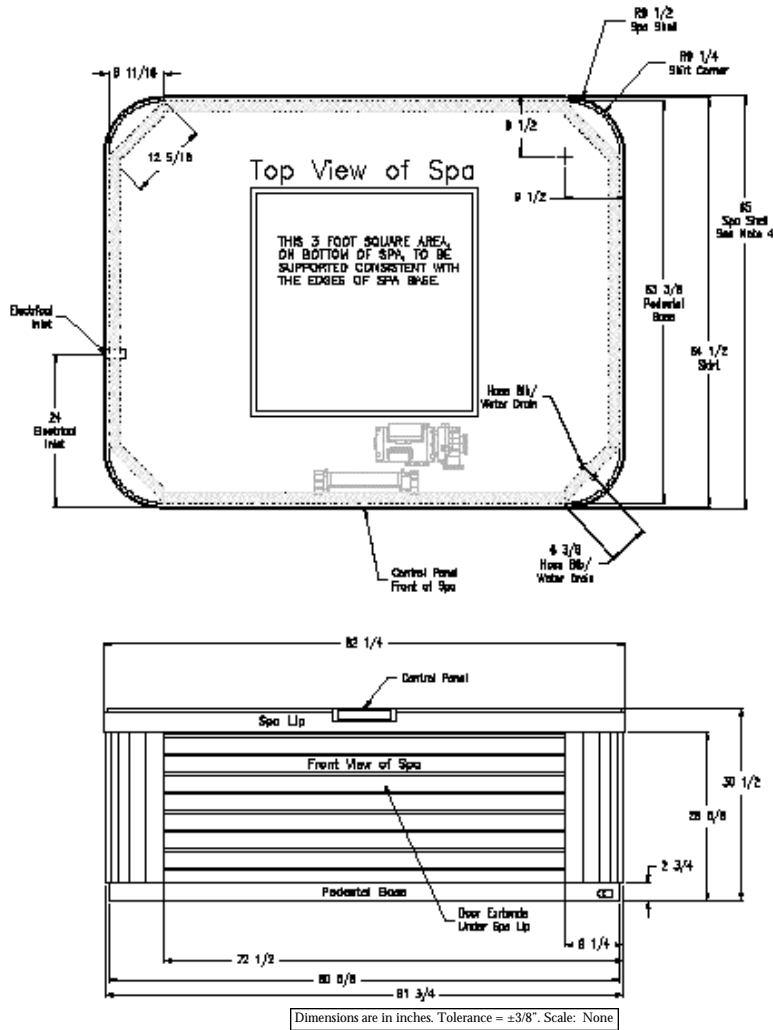


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4. For E-2 Lifter installation allow 18" clearance on the back side of the spa.
5. Alternative cabinets may add significant weight. Ask your dealer for exact details.

83-1/4" w x 66-1/2" l x 30-1/2" h
 405 Lbs. Dry; 2,065 Lbs. Filled
 Water Capacity: 200 Gallons

Companion by @Home Hot Tubs

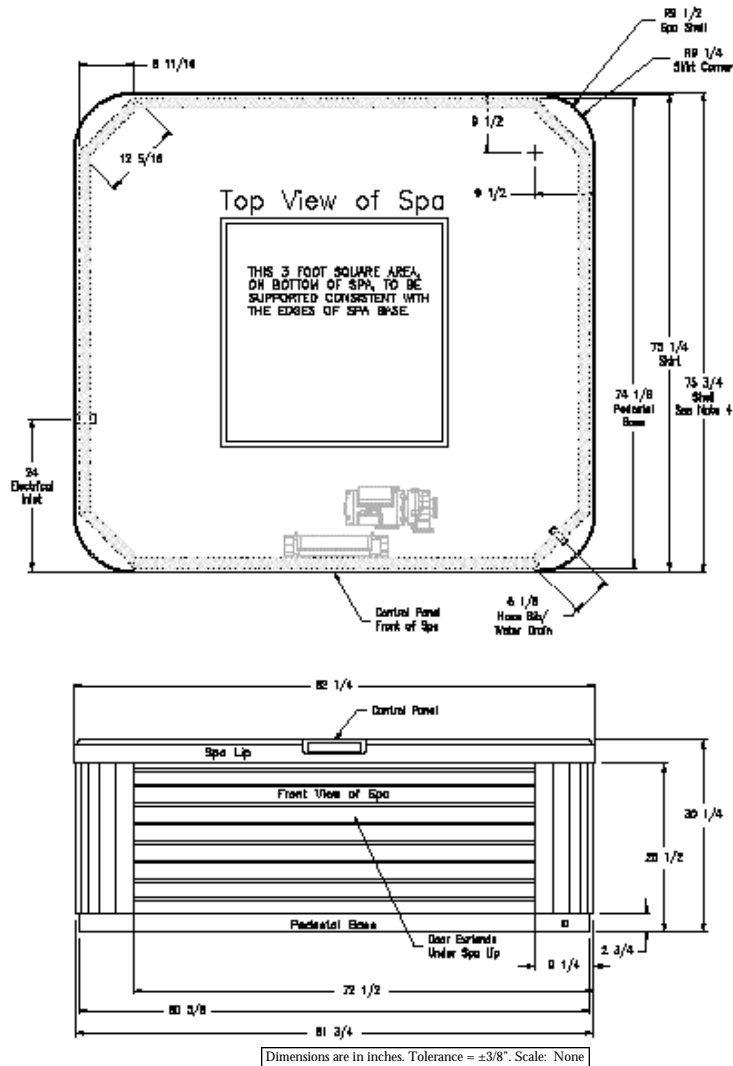


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4. For E-2 After installation allow 18" clearance on the back side of the spa.
5. Alternative cabinets may add significant weight. Ask your dealer for exact details.

82-1/4" w x 65" l x 30-1/2" h
 410 Lbs. Dry; 2,155 Lbs. Filled
 Water Capacity: 210 Gallons

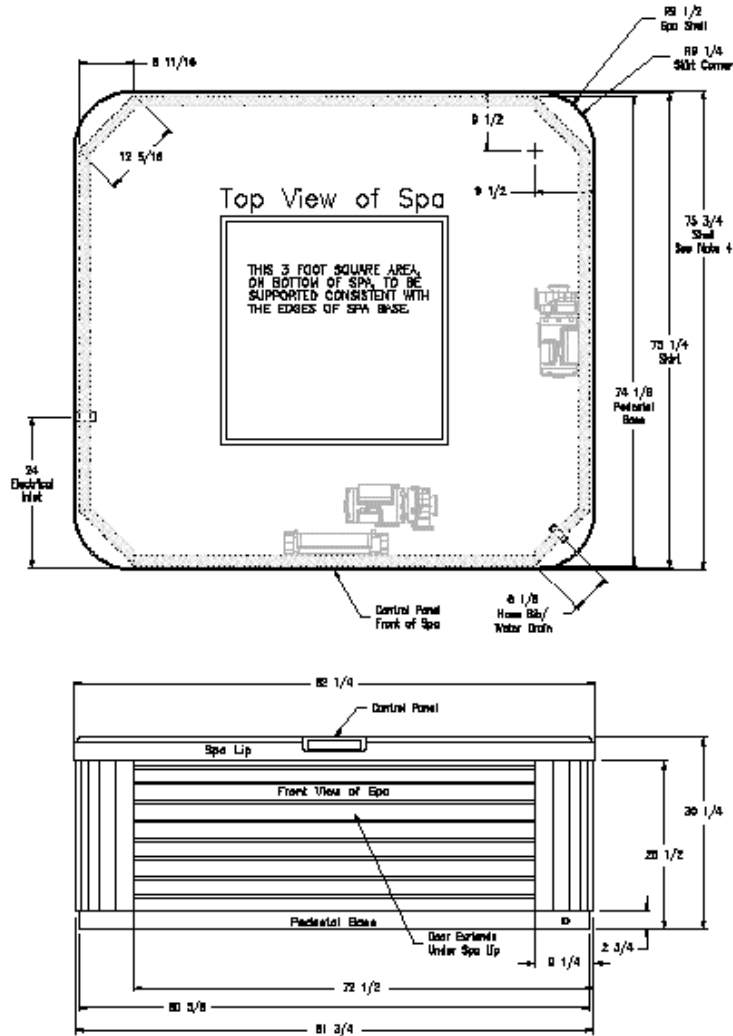
Cove by @Home Hot Tubs



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 4. For E-2 Lifter installation allow 18" clearance on the back side of the spa.
 5. Alternative cabinets may add significant weight. Ask your dealer for exact details.

82-1/4" w x 75-3/4" l x 30-1/4" h
 470 Lbs. Dry; 2,800 Lbs. Filled
 Water Capacity: 280 Gallons

Cove HP by @Home Hot Tubs



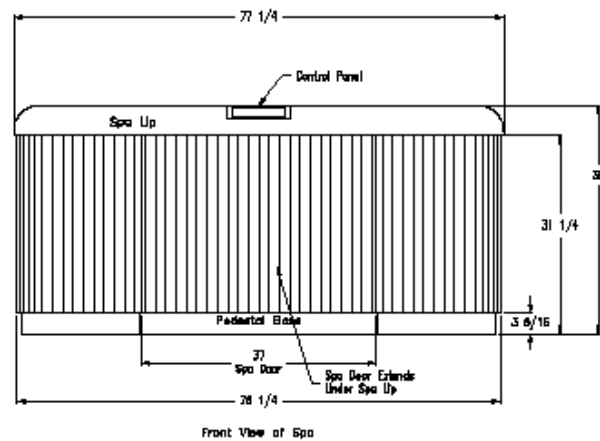
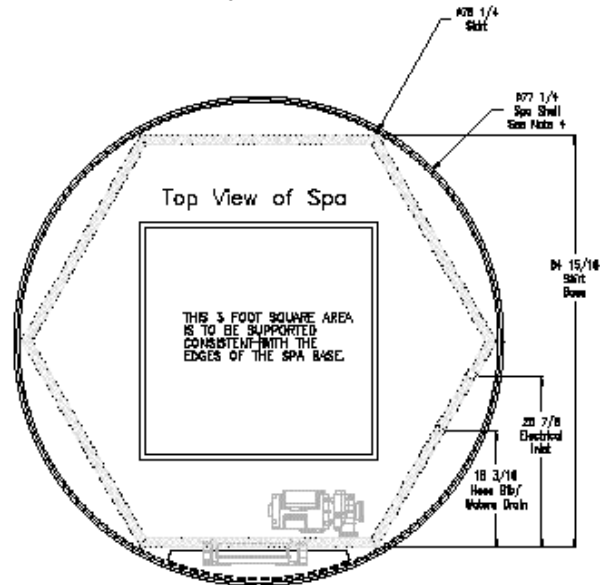
Dimensions are in inches. Tolerance = ±3/8". Scale: None

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3. In general manufacturing tolerances on all dimensions are within ±3/8". However for close tolerance installations, it is recommended that the specific unit be measured before building surrounding decks or other similar structures.
4. For E-2 Uffer installation allow 18" clearance on the back side of the spa.
5. Alternative cabinets may add significant weight. Ask your dealer for exact details.

82-1/4" w x 75-3/4" l x 30-1/4" h
 510 Lbs. Dry; 2,835 Lbs. Filled
 Water Capacity: 280 Gallons

Departure by @Home Hot Tubs



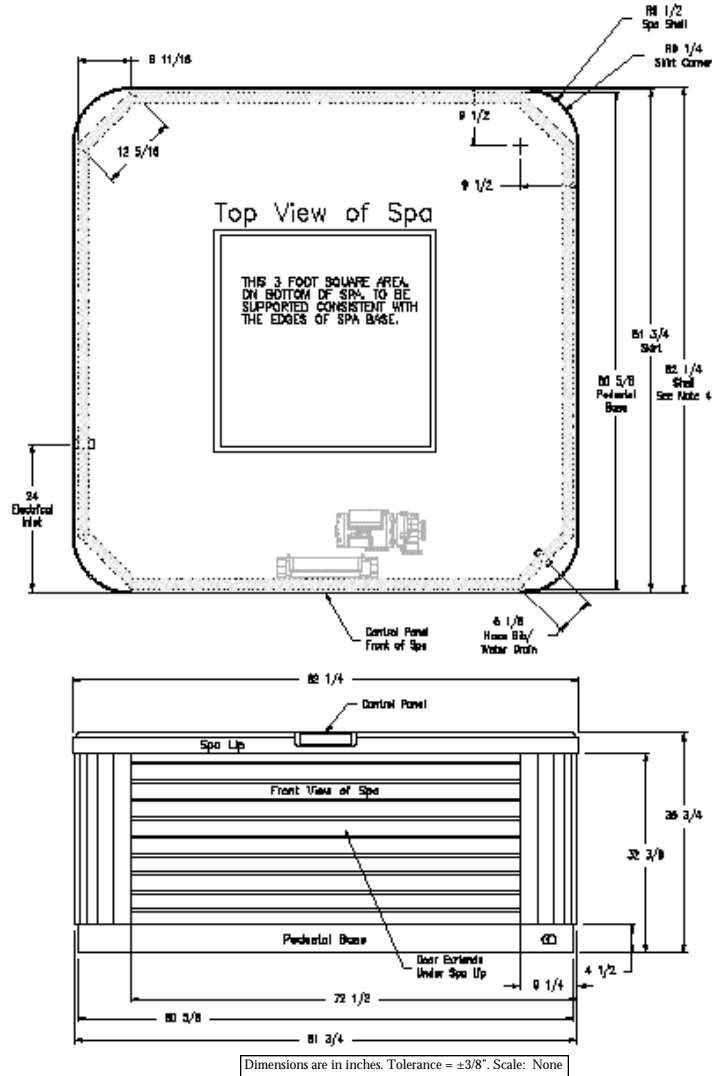
Dimensions are in inches. Tolerance = $\pm 3/8"$. Scale: None

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3. In general manufacturing tolerances on all dimensions are within $\pm 3/8"$. However for close tolerance installations, it is recommended that the specific unit be measured before building surrounding decks or other similar structures.
4. For E-Z Litter installation allow 18" clearance on the back side of the spa.
5. Alternative cabinets may add significant weight. Ask your dealer for exact details.

77-1/4" round x 33-5/16"h
 400 Lbs. Dry; 2,560 Lbs. Filled
 Water Capacity: 260 Gallons

Dream by @Home Hot Tubs

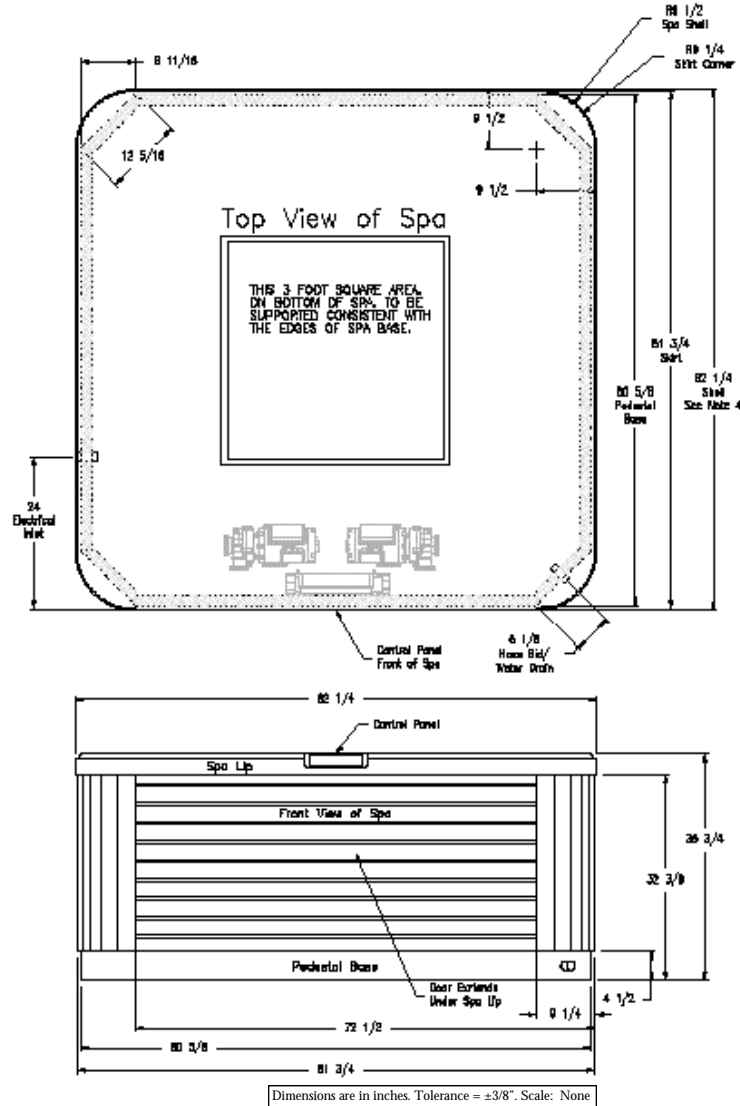


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4. For E-2 Ulter Installation allow 18" clearance on the back side of the spa.
5. Alternative cabinets may add significant weight. Ask your dealer for exact details.

82-1/4" w x 82-1/4" l x 35-3/4" h
 495 Lbs. Dry; 3,070 Lbs. Filled
 Water Capacity: 310 Gallons

Dream HP by @Home Hot Tubs

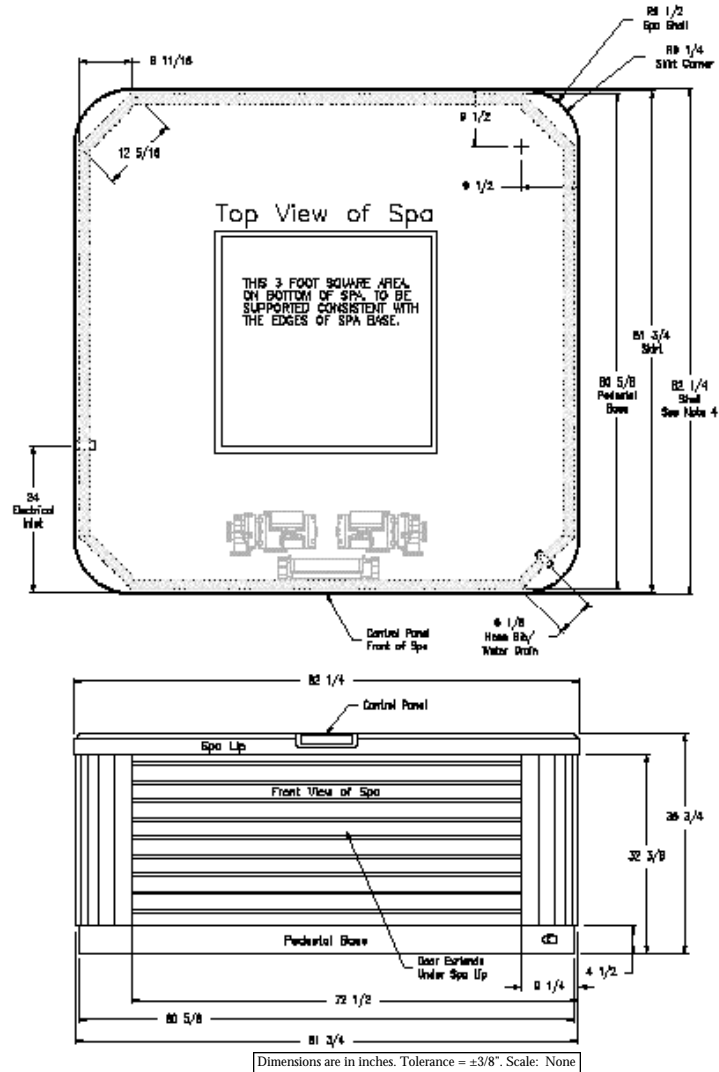


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4. For E-2 Ulter installation allow 18" clearance on the back side of the spa.
5. Alternative cabinets may add significant weight. Ask your dealer for exact details.

82-1/4"w x 82-1/4"l x 35-3/4"h
 585 Lbs. Dry; 3,160 Lbs. Filled
 Water Capacity: 310 Gallons

Sojourn HP by @Home Hot Tubs



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4. For E-Z Lifter installation allow 18" clearance on the back side of the spa.
5. Alternative cabinets may add significant weight. Ask your dealer for exact details.

82-1/4" w x 82-1/4" l x 35-3/4" h
 600 Lbs. Dry; 3,425 Lbs. Filled
 Water Capacity: 340 Gallons

Model Name: _____

Serial Number: _____

Date Purchased: _____

Date Installed: _____

Notes: _____

For Service Contact:

Dimension One Spas
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760.727.7727 • www.d1spas.com