

Aquassure

Accessible Baths

The Active Daily Living Spa



Central Okanagan



Facility Information Package



Accessible Baths for
Independent & Assisted Living

Aquassure ADL Spa Advantages

- Accessible from wheelchairs, walkers and lifts
- Competitive pricing with institutional tubs with comparable features and applications
- Long term maintenance costs are negligible compared to service contracts for other systems
- Independent use without caregiver assistance saves labor expense
- Thermostatic anti-scald system are standard with all bathtubs for safety and reduced risk
- Raised bathtub reduces staff injury risk – our design gives easier access to the bather by a caregiver (no bending over or lifting and caregiver can reach the whole body for cleaning)
- Simple to clean and disinfect with standard products and optional automatic ozone disinfection system
- Unique design with luxury styling for a non-institutional look – premium selling feature!
- Takes less water to fill, improving fill and drain time and reducing water use
- Smaller footprint than a wheel-in shower and most institutional models
- Bathing and immersion in water promotes circulation and health benefits for your clients
- Redundant door and water safety systems that don't need electricity or extensive maintenance.



We save you money and staff hours!

ADL Spa Supports Flexible Use



The ADL Spa bathtub supports flexible use and independence.

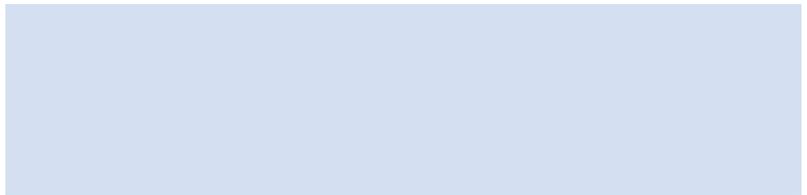
Users range from those who are able to bathe independently to those that need full caregiver help and the use of a lift.

Previously, with a standard institutional bathtub, all users had to be bathed using a lift, regardless of their abilities.

For lift-assisted bathing, the ADL Spa can be prefilled like a standard institutional tub.

Installed pedestal-style, there is room for caregivers to walk around all three sides of the bathtub.

There is storage space in the cabinetry, as well as providing clearance for a wheeled lift.



Cabinet Base

Photo at left shows Aquassure bathtub with standard storage cabinets.

These cabinets provide many advantages:

1. They raise the bottom of the tub to seat level for easy transfers & caregiver access
2. They provide handy storage
3. They provide access for drain and spa systems for easy installation and maintenance
4. They provide clearance for the front wheels of a patient lift

Photo below shows the built-in clearance for floor lifts.

The water resistant cabinet supports got additional stability and protection from "U"-channel footings.



Hydrotherapy Massage System:

Our 7-jet hydrotherapy water jets increase the benefits of water immersion by circulating the water and providing increased stimulation to the bather's tissues.

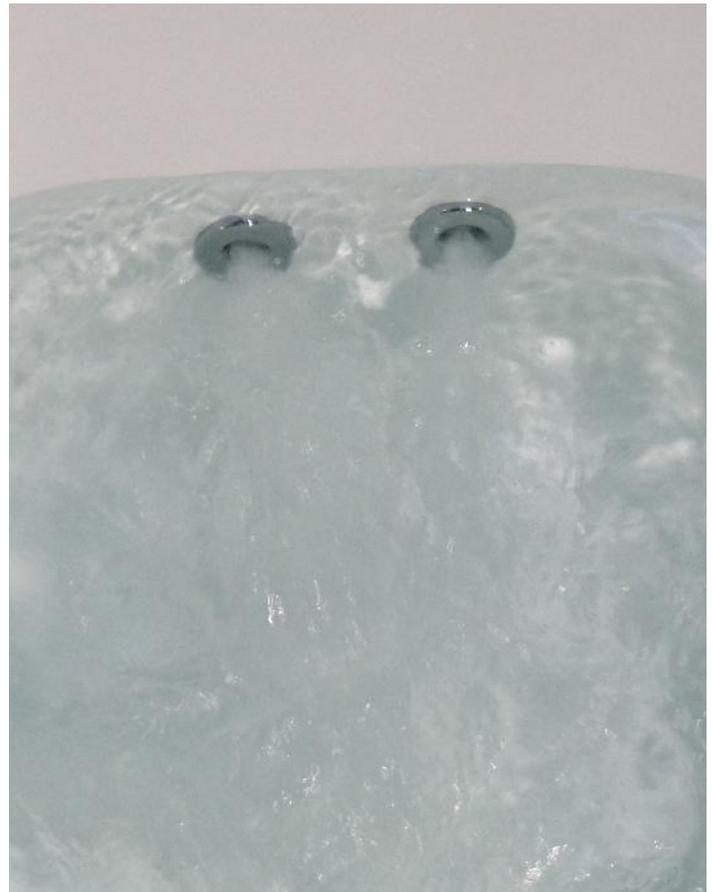
Surface agitation helps clean the skin, promoting hygienic benefits.

Stimulation of the skin and underlying tissues promotes tissue healing, circulation, and nerve-tissue stimulation.

Rotational massage jets provide relaxing massage benefits at foot and low-back locations.

The Syllent™ water pump provides reliable, quiet operation while heating the circulating water and uses less energy than a traditional pump.

An optional automatic ozone disinfection system for the hydrotherapy system provides additive-free sanitizing of the system to prevent cross-contamination from water-borne pathogens.



Air-Jet Massage System:

Aquassure's 15-jet air-massage system provides heated air circulation to the bath to further enhance its therapeutic and calming effects.

The variable-speed system can be set from a vigorous stimulating bubble massage down to calming, gentle, warm-air circulation.

Each air injector has a dual check valve operated by air pressure. Once the pressure is released, the valves immediately close, rendering the jet watertight to maintain hygiene at all times.

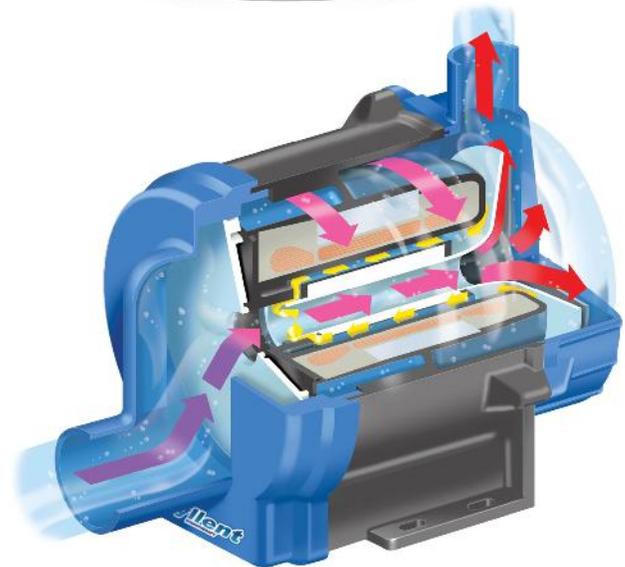
An optional automatic ozone disinfection system for the air-jet massage system provides additive-free sanitizing of the system to prevent crosscontamination from bacteria, virus, or fungal pathogens.

Syllent Hydrotherapy

- The ADL Spa uses the Syllent uses the Syllent™ water pump, the quietest bath pump in the world, for a serene spa experience.
- The Syllent™ water pump heats the circulating water to maintain the hot water temperature and uses less energy than a traditional pump.
- 10-year warranty on water pump.
- Electrical system is triple-insulated for safety and performance.

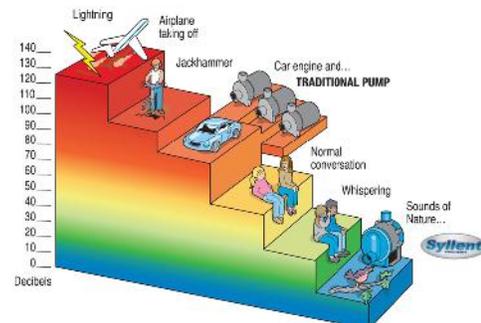


The Quietest whirlpool bath pump in the world
Now with more power and increased performance!



- Maintains hot water temperature; Eliminates the need for a heater
- Leak proof: No shaft seal design
- Triple electrical insulation for maximum safety and peace of mind.
- Ultra quiet operation
“Ultimate Peace & Quiet”

Comparison of Levels of Noise (dB)



Ozone Disinfection System

Aquassure is pleased to offer a chemical-free, ozone system that sanitizes the equipment without exposing the bather to irritating chemical residues or ozone.

The O_3 System will sanitize the bathtub system after each and every use. The O_3 System minimizes the risk of cross-contamination infections.

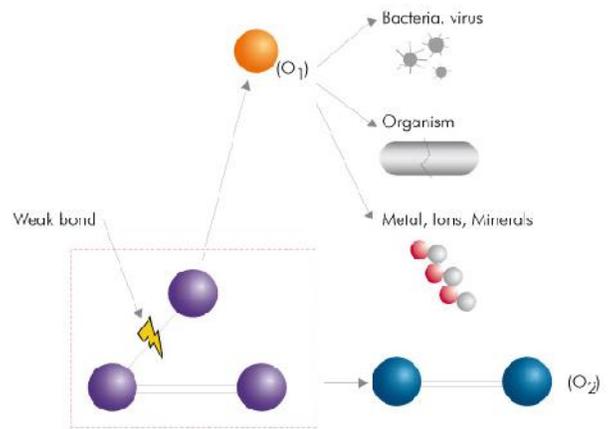
After a bath cycle, the O_3 System automatically activates a one hour delay timer for the sanitizing process. The system will start the cleaning process for a period of 15 minutes to sanitize the jet systems.

There is a manual override if you wish to use the tub while the disinfection system is running.

Ozone will eliminate all known disease-causing microorganisms such as bacteria, viruses, yeasts, mould, mildew and cysts. It breaks down harmful chemical residue and dissolves minerals.

You will not need expensive and potentially harmful cleaning products for this disinfection system.

The system is not only safe for the environment, but is also gentle on bathtub components.



Bathing & Hydrotherapy Benefits

The mental and therapeutic benefits of bathing go beyond showering and hygiene alone.

Water immersion provides hydrostatic pressure to stimulate circulation in the arms and legs. Both blood flow and lymphatic circulation are increased, warming joints and muscles, accelerating wound healing, and preventing bed sores.

Buoyancy relieves pressure on joints to promote relaxation and improve pain-free range of motion.

Aquassure designs provide spa ambience for a calming therapeutic experience that can soothe muscles and cut use of sedatives and pain medications.

Circulatory disorders related to diabetes, strokes, MS, Reynaud's syndrome, bed sores, etc, benefit from increased circulation from water immersion. These benefits can be increased by the use of massaging air jets and/or water jets.

Left vs. Right Sliding Door

The **Left** sliding door, pictured here, is the most requested Aquassure bath door configuration: This puts the water controls and hand shower at the bather's right hand. Most people are right handed, and the majority of stroke survivors are affected on their left sides.



The **Right** sliding door, shown here, is often used in a location where other existing fixtures and equipment may get in the way of a left door.



The cabinet base is designed so that the cupboard doors and drawers can be at either end beneath the bath system.

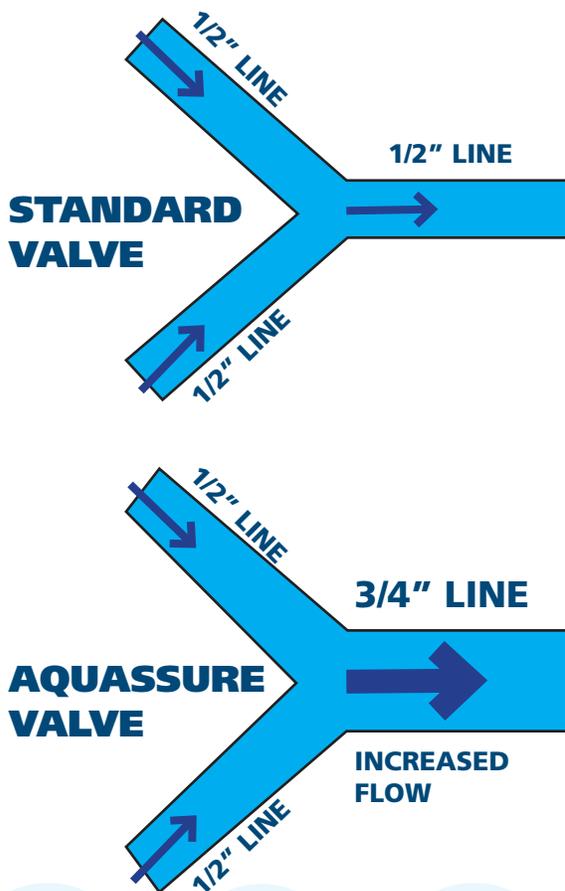


Valves

The ADL Spa's Safety-Plus bathtubs include a 3/4" thermostatic temperature-control, anti-scald safety valve. Standard bath and shower fixtures, like ADL Spa's Basic System, use 1/2-inch valves. The bather must adjust the hot and cold mix with every bath. With a thermostatic valve, the temperature is pre-set and the valve will automatically go to that temperature again when the water is turned on.

Our 3/4" thermostatic valve allows up to two and a half times the flow of a standard system – up to 18 gallons per minute, filling your tub more quickly.

Thermostatic valves help to prevent scalding injuries by controlling the temperature of the water filling the tub. This is especially important for those who have decreased sensitivity to hot and cold due to stroke, diabetes or nerve damage.



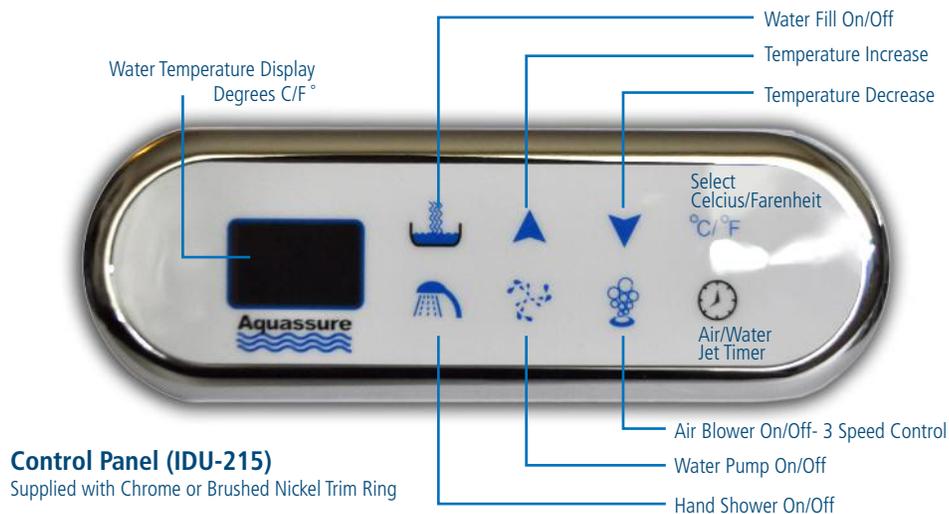
Electronic Control System

The ADL Spa has an upgraded fixture package that features a touch control system. The touch control system controls the fill, temperature, hand shower, water jets and air jets. This provides precise digital control of all bathtub functions. The display is backlit for easier viewing.

The electronic control system replaces some of the lever handle controls on the deck for a cleaner look. The control systems and valves for the plumbing are installed in the cabinet base for easy maintenance access.

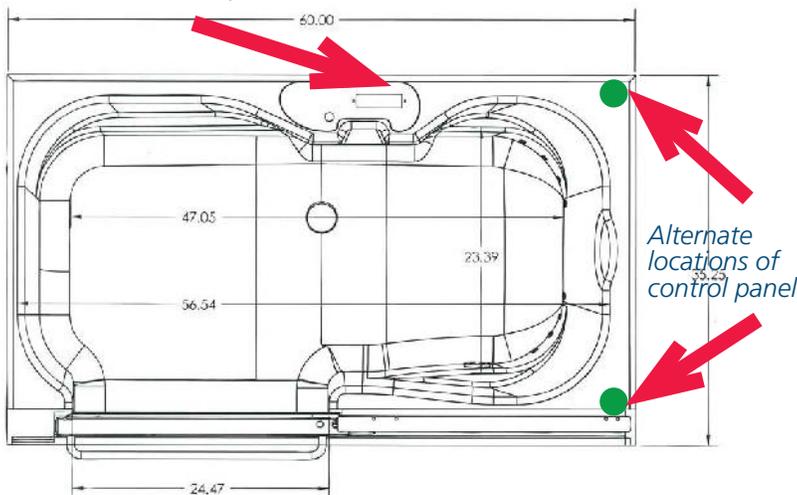
The temperature defaults to 99° F, and can be raised or lowered with a 10 second safety pause at 105° F and 110° F and will not go over 115° F.

The fill button auto fills to a pre-determined depth with one touch, but this may be overridden for varying fill depths.



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Normal location of electronic control panel



Electronic touch control installed in alternate location.



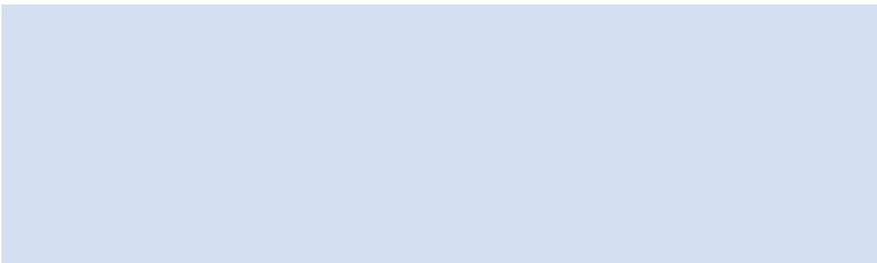
Wheelchair Transfer

Wheelchair users can transfer independently into the Aquassure Bathtub. Bathers can transfer directly or with a transfer board. If skin shear is a concern, wetting the bottom of the bathtub with soapy water makes the surface slippery and makes sliding easier.

There are four grab bars to help the bather safely maneuver and support themselves.

As the tub fills, the bather is supported by buoyancy in the water to relieve pressure and help circulation. A towel or seat cushion can also be used.

An optional extension handle is available for the door handle if the bather has poor arm or shoulder mobility, or lacks strength to reach over the side of the tub.



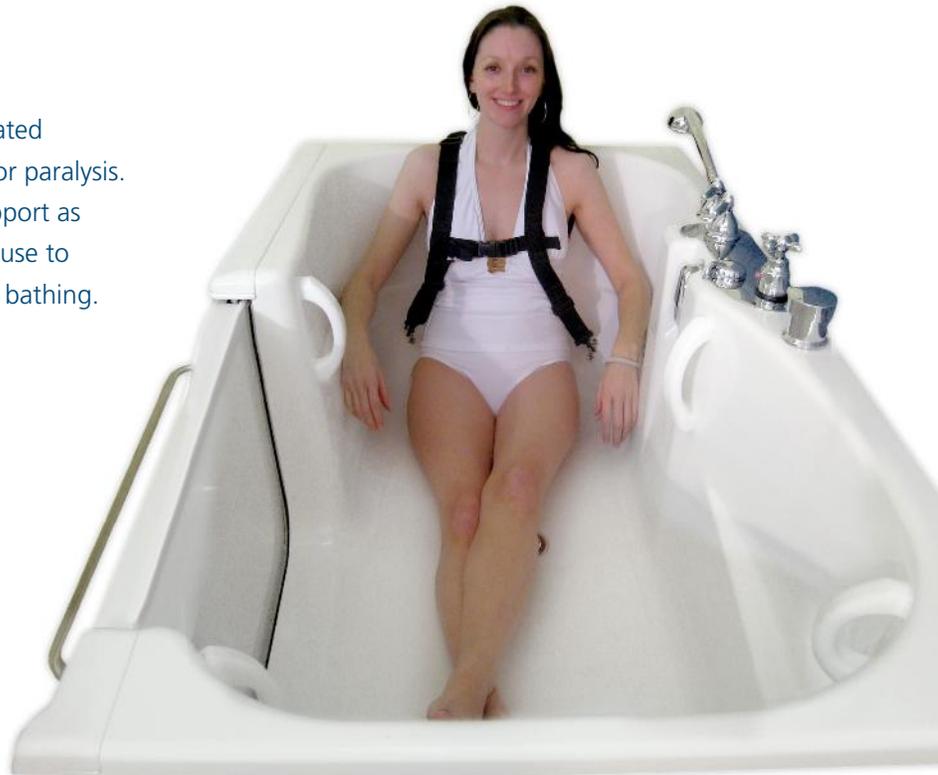
Lift Access

Assisted entry using a floor lift is simplified by the cabinet base and elevated design. A resident can be elevated and positioned about the full or empty tub, then lowered directly into position.



Harness & Support

Some bathers have difficulty remaining in a seated position in the bathtub due to core weakness or paralysis. Best Bath has an optional 4-point shoulder support as well as a seat belt harness that the bather can use to secure themselves in place once in position for bathing.



Door Handle Extender

An optional extension handle is available for the door handle.

This is recommended if the bather has poor arm and/or shoulder mobility and/or low strength. This provides greater access and leverage for both arms.

Easily attaches to the door handle with 2 allen screws.



Scenario One: Group Home with Centralized Bathing



Background:

Small group home residence with 8 residences and staff. One centralized bathing room with an ARJO Freedom bath. The residents had a wide range of mobility challenges, from fully ambulatory to quadriplegic. With the ARJO tub, all residents, regardless of their abilities had to be transferred into the tub by lift by a care aide, resulting in reduced independence and quality of life for the residents that did not require a lift for bathing. As well, the ARJO tub required frequent maintenance and chemicals and had begun to malfunction. Due to the rural location of the care home, ARJO technicians refused to service the bathtub and it was non-functional.

Aquassure Solution:

Aquassure sold them a Safety Plus System and it was installed in a peninsula configuration for maximum caregiver access. Now, the residents of the group home that are ambulatory can bathe fully independently without the use of a care aide. Those that need additional assistance, are able to bathe using a lift or help transferring. The group home has not maintenance contracts nor ongoing maintenance costs. Any warranty work is provided by their local maintenance staff with parts provided by Aquassure.

Key Benefits:

- Tub is significantly less expensive than the original ARJO model it replaced.
- Staff likes using it better due to less complex infrastructure
- Fewer staff hours needed for bathing duties, due to many residents ability to bathe independently.
- Increased quality of life for residents.
- No costly maintenance contracts and any warranty work (if needed), can be performed by existing staff or local plumbers.
- Tub appearance and use is less institutional and more home-like.

Scenario Two:

Assisted Living / Independent Living Communities with Centralized Bathing and Hydrotherapy Services



Background:

Many assisted living care homes both new and recently renovated have in-room bathrooms with roll-in showers. These care homes find that a barrier to some people moving there is the lack of a usable bathtub. Many people prefer to bath rather than shower both for personal and medical reasons. However, due to cost and space restrictions, many facilities are still built without bathtubs. Or they have standard bathtubs in each unit that many residents cannot use safely without the risk of falls or entrapment.

Aquassure Solution:

Aquassure has provided Safety Plus bathtubs, many with hydrotherapy and automatic disinfection systems for use in a centralized bathing/spa area. Care homes build a spa-room that can be booked by residents for an accessible bath, with or without an assistant. This is a value-added service that removes barriers to sales and adds another revenue stream.

Key Benefits:

- Low-cost, attractive, spa-room enhances facility for sales and marketing.
- Better bathing experience for residents for better quality of life.
- Additional revenue stream.
- Less expensive than individual unit baths.
- Hydrotherapy and bathing services billable under many medical plans.
- Low maintenance system is self-disinfecting and easily cleaned.
- Very popular with residents with none of the stigma of booking a bath in an institutional-looking bathtub.

Scenario Three:

In-room Accessible Bathing in Independent Living and Assisted Living Units.



Background:

In independent living and assisted living facilities that have long-term leases or are individually owned, having an accessible bathing option is required. Many of these units are purchased and they have been designed as regular apartments with the overall facility offering some pay-per-use or contract services, as needed. New facilities pre-sell the units with a choice of floor plans and finishing options. Often the only accessible bathing option offered is a roll-in shower. For people used to having a spa-bathtub, this is not a sales incentive, but rather a sales barrier. Existing facilities are often faced with individual requests to renovate their bathrooms for accessible bathing. Some of the accessible bathtubs that residents may want to install are of sub-standard quality and may have significant risk of leakage and entrapment. The facility has to examine each request for renovation and make a decision to allow or disallow the renovation. This adds a lot of responsibility and stress to the management load.

Aquassure Solution:

Aquassure has provided Safety Plus bathtubs, with and without hydrotherapy as a up-sell option in new build facilities. As well, Aquassure has replaced roll-in showers and regular bathtubs in individual units in independent living and assisted living communities. By pre-evaluating and approving the Aquassure tub, the facility management is able to negotiate better pricing on behalf of its residents while maintaining standards of quality, safety and aesthetics for all its units.

Key Benefits:

- Attractive in-room hydrotherapy spa bathing is a marketing up-sell and removes buying barriers.
- Aquassure fixtures and cabinet bases are available in a range of finishes for enhancing any décor. No ugly knobs unattractive institutional control centers.
- Aquassure tubs fit through doorways and fit standard bathtub enclosures for easy renovations and retrofits.
- Aquassure tubs do not leak and have the added security of a self-latching door and secondary drain in the door track.
- Available with a range of hydrotherapy options at a competitive price.
- Added under-tub storage when space is at a premium.

Scenario Four: Community Bathing Services



Background:

Senior care services are sometimes offered to the local community on a pay-per-use basis. In one instance, our bathtub has been installed in a rural health centre that provides a wide range of health services for the surrounding community.

Aquasure Solution:

Aquasure provided a Safety Plus system soaker tub and retrofitted into an existing small bathroom. The bathtub is utilized daily by those in the community that do not have access to accessible bathing facilities or care home spaces, most often due to financial impediments, lack of inexpensive accessible rental units. There is little maintenance or supervision needed and the facility fills a need in the community.

Key Benefits:

- Easily retrofitted into an existing small space.
- Provides a community service previously unavailable.
- Cost-effective solution that quickly pays for itself.
- Provides a bridge service until people are ready and able to move into more complex care arrangements.
- Adds another revenue stream and service.

Scenario Five: Skilled Nursing Unit/Hospital Bathing



Background:

In more complex care facilities, centralized bathing units are often filled with large, very expensive hydraulic bathing systems that are prone to breakdown and accidental door opening. The large institutional equipment is intimidating and stressful to the bather. There are also ongoing costs associated with maintenance and chemical contracts, limiting choice and cost-cutting initiatives.

Aquassure Solution:

The ADL Spa tub shown here has been built in and is used with a ceiling lift (not shown). Optional polyurethane base, fronts and sides, are durable and easily disinfected. The facility can use any soaps and disinfectants that it prefers and maintenance, if needed, can be done by regular maintenance staff.

Key Benefits:

- Much less expensive than traditional institutional models
- No costly maintenance and chemical contracts.
- Less stress on bather.
- No accidental door-opening accidents
- Smaller footprint for maximizing return per square foot.

Service and Maintenance

A plumber or facility maintenance person can readily service our products on site; specially trained technicians are not required.

Our c-UPC certified bathtubs have been extensively tested to exceed IAPMO standards, and are ADA-certified.

Plumbing fixtures and hydrotherapy systems can be accessed through the deck and front access panels or through the cabinet base. Aquasure bath systems are made with the highest quality components for trouble-free operation and durability.

The door seal is composed of automotive grade polyurethane and has been tested to exceed 20,000 cycles of operation, as well as chemical and thermal resistance. It contains no moving parts, and uses water pressure from the bath to increase seal strength.

The solid brass valves in Aquasure systems are designed for longevity and ease of maintenance. The Grohe thermostatic valves, used in all our products, provide precise temperature control at high (18 gal/min) fill rates.

Both manual and electronic systems are designed for ease of access and simple component replacement if service is required. Each bath system is hand-assembled and individually tested at our North American production facilities.



The door can be removed by using a screwdriver to push down on the top springloaded guide roller.

Warranty Information

10-year commercial warranty on the door seal (lifetime warranty for individual users). 10-year original manufacturer warranty on the air and water pump (replacement parts), 2-year parts and labour on all other components. Seal, bathtub and plumbing parts are warranted by Best Bath Systems Inc.

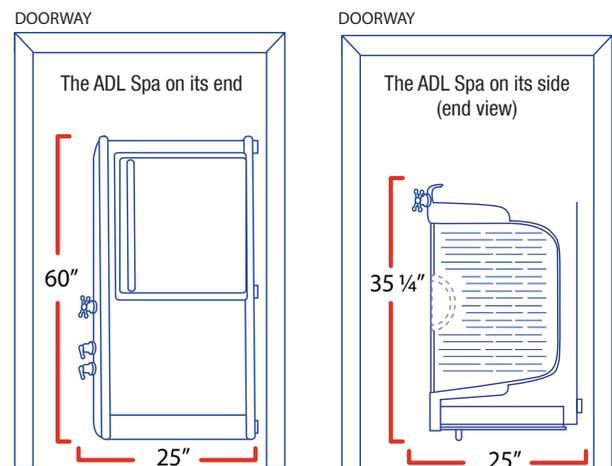
Please see full warranty information on the Best Bath website.



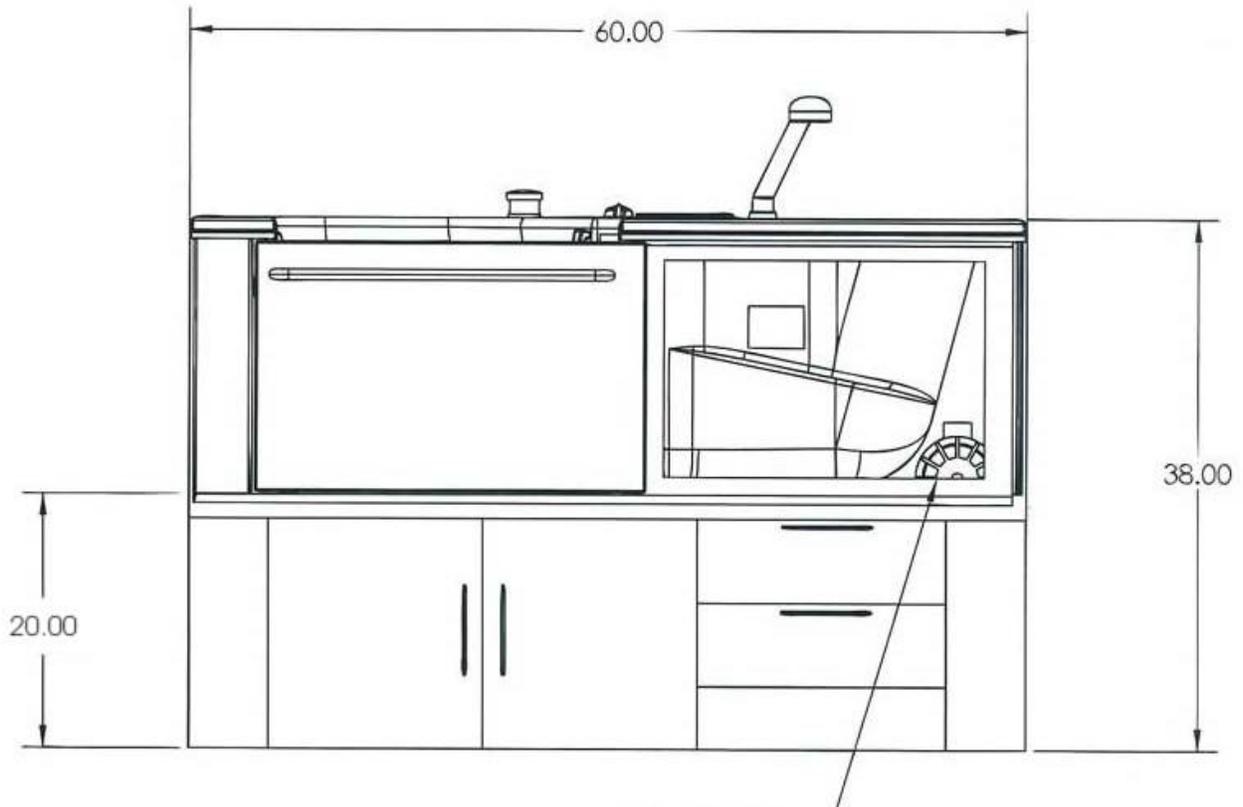
Door and front access panel removed, showing water pump.

Doorway Clearance

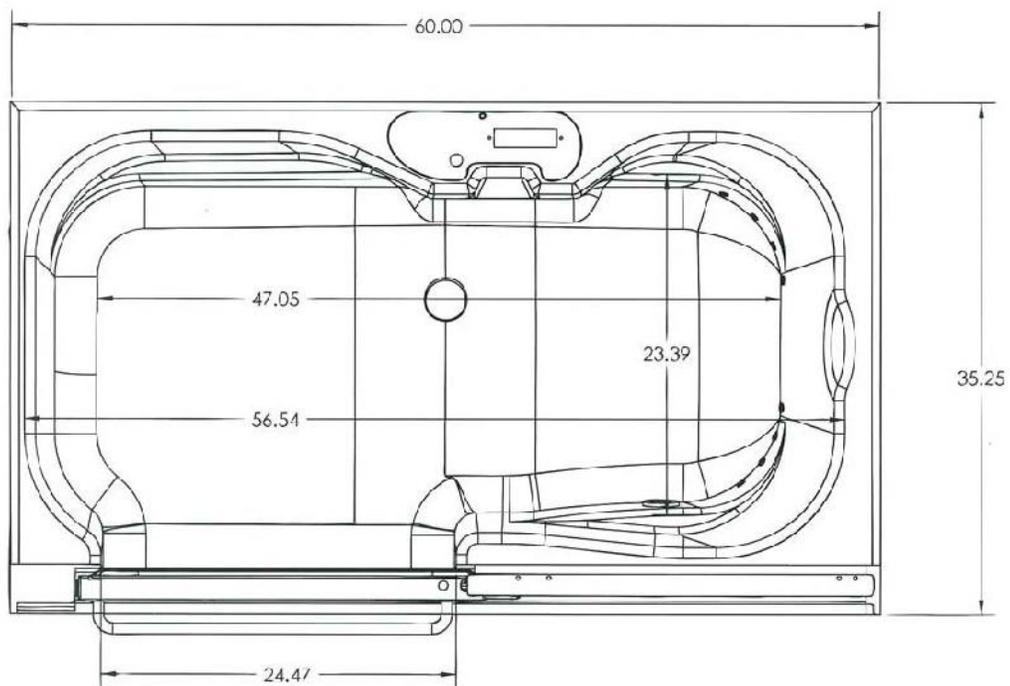
The ADL Spa tub fits through a 25" doorway for easy renovation.



The ADL Spa front-view dimensions

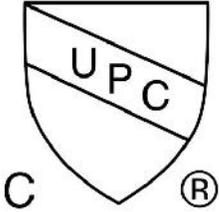


The ADL Spa top-view dimensions



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LISTED PRODUCTS

IAPMO Research and Testing, Inc. is a product certification body which tests and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

Effective Date: April 2008 Void After: April 2009

Product: Bathtubs with Pressure Sealed Doors File No. 5461

Issued To: Aquassure Bath Products Inc.
549a Lawrence Ave.
Kelowna, BC BRITISH COLUMBIA V1Y 6H8
Canada

IDENTIFICATION: Bathtubs with pressure sealed doors shall bear permanent legible markings of the manufacturer's name or trademark, model number, and the cUPC® logo.

CHARACTERISTICS: Bathtubs with Pressure Sealed Doors to be installed with other IAPMO R&T listed fittings, in accordance with the manufacturer's instructions and the requirements of the latest edition of the Uniform Plumbing Code.

Products comply with the applicable sections of the latest edition of the Uniform Plumbing Code®. Models listed to the National Plumbing Code of Canada and Relevant Canadian Standard(s) shall bear the cUPC mark of conformity. Manufactured in compliance with ASME A112.19.15-2005 & CSA B45-2002 (Supplement No.1).

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

MODELS:


Chairman, Product Certification Committee


Executive Director

This listing is for the period indicated herein and is void after the date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Reproduction of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alternation of this certificate could be grounds for revocation of the listing.

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