United States Access Board

SWIMMING POOL ACCESSIBILITY

Executive Summary

U.S. Architectural and Transportation Barriers Compliance Board
(Access Board)
1331 F Street, NW, Suite 1000

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Swimming Pool Accessibility Project

September 1996

Executive Summary

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NATIONAL CENTER ON ACCESSIBILITY

Indiana University
School of Health, Physical Education &
Recreation
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5020 State Road 67 North Martinsville, IN 46151 (800) 424-1877 This project was conducted for the U.S. Architecture and Transportation Barriers Compliance Board to identify and evaluate methods and standards related to enabling access to swimming pools by people with disabilities. It focused on the appropriateness, independent use, degree of consistency with existing building standards, level of safety, and impact on pool design.

With the assistance of a national advisory panel, four principal activities were undertaken: a comprehensive review of literature; a national telephone survey of people with disabilities; a national telephone survey of swimming pool operators, managers, aquatic directors, and adaptive aquatic instructors; and actual pool testing of identified designs and devices by people with disabilities.

A comprehensive review of the literature was organized into four areas. The first area was a review of the published literature of the past 35 years. Seven means of pool access were identified: ramps, lifts, stairs, transfer steps, lifts, zero depth entry, movable floors, and transfer walls. The second area reviewed was the state building codes related to swimming pools. Relevant standards from each state code were presented in table format. The third area examined was the existing standards for public swimming pools and spas, ANSI/NSPI-1 1991 and ANSI/NSPI-2 1992. Finally, the fourth area analyzed the report of the Recreation Access Advisory Committee (1994). The recommendations of each of the sub-committee reports that dealt with swimming pools, sports facilities, places of amusement, and developed outdoor recreation areas, were analyzed separately. Though minor differences in technical specifications were found, there was general agreement among the various sources.

A national telephone survey of 300 people with disabilities was conducted to determine their needs and preferences relative to the effective access to swimming pools.

Telephone interviews were completed with 205 subjects, 69% of the sample. Data were collected regarding subject characteristics; pool behavior including frequency, purpose and type of pool used; preferences and problems associated with various means used to access swimming pools. The findings indicated that people with disabilities do use swimming pools with some regularity. There was nearly unanimous agreement that at least one accessible means of entry and exit should be provided at all pools, and most believed that more than one accessible means should be provided. Subjects also clearly indicated that the ability to use a design or device independently was important to them. Although no one means of access was preferred by a majority of subjects, the means of access most often preferred were lifts, ramps stairs, and zero depth entry. Stairs however were only preferred by those who were ambulatory. Similarly, ramps, zero depth entry, movable floors and lifts were the means of access most subjects would be willing to use at a pool. Yet, most of those who had previously used a movable floor would not be willing to use one again.

A national telephone survey of 150 professionals involved with swimming pool operation was conducted. The sample included swimming pool operators, pool managers, aquatic directors, adaptive aquatics instructors, and aquatic therapists. The purpose of this study was to determine the current practices of pool operations related to entering and exiting swimming pools by people with disabilities. Specifically, the study was designed to examine the prevalence of designs and devices used to provide pool access, related policies and procedures, as well as safety and maintenance concerns of aquatic professionals. The results supported the finding of the earlier survey that people with disabilities do frequent pools. People with disabilities account for 14% of pool users at those pools that collect data on pool users with disabilities. Seventy-three percent of the respondents indicated that each of the pools operated by their agencies had a least one accessible means of entry for people with

disabilities and 48% reported more than one. Stairs, lifts, ramps, and zero depth entry were the means of access most frequently found at pools. Respondents reported on the safety and maintenance concerns for each of the devices or designs.

On-site testing of the identified means of pool access was conducted to examine the appropriateness, independent use, and safety of the identified means of pool access by people with diverse disabilities. This was accomplished by observing 84 people with disabilities using the identified means of providing access to swimming pools. Subjects' buoyancy points (\bar{x} =34.6 in.) and their perceptions of design/device strengths and weaknesses were presented. Entering was perceived as easier than exiting swimming pools using each of the identified means of water access. There were significant differences between ambulatory and nonambulatory subjects in the perceived difficulty of the designs and devices. Most of the designs and devices were significantly easier to use by ambulatory subjects than they were for non-ambulatory subjects. Only lifts and transfer steps were easier for non-ambulatory subjects, although non-ambulatory subjects who required assistance in transfers were unable to use the transfer steps. Specific problems with each of the designs and devices were reported.

A full print copy of the Swimming Pool Accessibility Project final report (#PB97-124317) may be obtained by contacting the National Technical Information Service (NTIS): 5285 Port Royal Road, Springfield, VA 22161; (703) 487-4650 (voice) or 703-487-4639 (tty). A fee of \$49.00 will be charged for each copy.

Recommendations

Based on the findings of the review of literature and three research studies, the following recommendations were presented:

General

- 1.1. At least one accessible means of water entry/exit shall be provided for each swimming pool and shall be located on an accessible route.
- 1.2. Swimming pools with more than 300 linear feet of pool wall shall provide at least two accessible means of water entry/exit located on accessible routes.
- 1.3. When only one accessible means of water entry is provided, it shall be a swimming pool lift, wet ramp, or zero depth entry.
- 1.4. When a second accessible means of water entry/exit is provided, it shall be a transfer wall, transfer steps, movable floor, stairs, swimming pool lift, wet ramp, or zero depth entry. Lifts, wet ramps, and zero depth entry may not be used as a second accessible means of water entry/exit if the same means is used as the first accessible means of water entry/exit.
- 1.5. When a second accessible means of water entry/exit is provided, it must be located so that in combination with the first accessible means of water entry/exit to serve both ends and sides of the pool.

Ramps

When pool ramps are provided, they should meet the following specifications:

- 2.1. Surface: The surface of pool ramps must be firm, stable, and slip resistant.
- 2.2. Slope: The least possible slope should be used for a pool ramp. The maximum slope of a pool ramp shall be 1:12.
- 2.3. The maximum rise for any run shall be 30 inches.

- 2.4. The minimum clear width of a pool ramp shall be 36 inches.
- 2.5. Landings: Level landings must be located at the bottom and top of each ramp and each ramp run. At least one level landing must be located between 24 inches and 30 inches below the stationary water level. The landings must:
 - 2.5.1. be at least as wide as the ramp run leading to it;
 - 2.5.2. have a minimum length of 60 inches clear;
 - 2.5.3. have a minimum of size of 60 inches by 60 inches if the ramp changes direction.
- 2.6. Handrails: Handrails should be required on all ramps. Ramp handrails should include the following:
 - 2.6.1. Two handrails shall be provided and located 32 to 36 inches apart.
 - 2.6.2. In addition to a top handrail gripping surface mounted at 34 inches to 38 inches above the ramp surface, a second handrail should be mounted between 16 inches and 26 inches.
 - 2.6.3. Handrails should not be required to extend beyond the base of stairs or the base of a ramp where such would protrude into a lane or otherwise programmable area
 - 2.6.4. Handrails must be affixed so as to not allow movement in any direction.
 - 2.6.5. Handrail diameter should be 1.25 inches to 1.5 inches.
 - 2.6.6. If handrails are mounted adjacent to the pool wall, the space between the wall and the handrail shall be 1.5 inches.
- 2.7. Aquatic chairs: Facilities that provide ramps must also provide an aquatic chair that meets recommendations 12.1 to 12.5.

Pool Lifts

When provided, pool lifts should meet the following specifications:

3.1. Pool lifts shall facilitate unassisted operation.

- 3.2. Clear space: A minimum clear deck space of at least 60 x 56 inches to one side and to the front of the lift seat must be provided. The space under the lift seat could be included as part of the clear space as long as the area is unobstructed.
- 3.3. Seat location: In the raised position the lift seat edge used for transfers must be located over the pool deck at least 12 inches inside the deck edge.
- 3.4. Seat height: Lift seats should be located 17 inches from the deck to the top of the seat surface.
- 3.5. Seat width: The lift seat width should be a minimum of 19 inches wide.
- 3.6. Footrest: A footrest should be attached to the lift seat.
- 3.7. Armrests should be located on both sides of the lift seat. The armrest located next to the clear deck space should be capable of moving away from the transfer area.
- 3.8. Controls and operating mechanisms: Controls and operating mechanisms at both the deck level and water level positions should be operable from the front edge of the lift seat and unobstructed by any other component of the lift. Controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate controls shall be no greater than 5 lbf (22.2 N).
- 3.9. Lifts shall be operable from both the deck level and water level.
- 3.10. Vertical travel: The vertical travel of the lift should allow the lift seat to be submerged 18 inches to 20 inches below the water level.
- 3.11. Minimum lifting capacity: A minimum weight of 300 lbs. is required for all single person lifts. The lift should also be capable of sustaining a static load of at least three times the rated load.

Zero Depth Entry (Beach Entry)

When zero depth entry is provided it should meet the following specifications:

- 4.1. Surface: The surface shall be firm, stable and slip resistant.
- 4.2. Slope: Zero depth entry pools are typically designed with very slight slopes. The maximum slope of a zero depth entry should

- not exceed 1:12 continuing to a minimum depth of 30 inches. For pools less than 30 inches deep, the slope should continue to the depth of the pool. Whenever the slope exceeds 1:20, it shall be considered a ramp and all recommendations for a ramp would apply.
- 4.3. Vertical rise: Whenever a zero depth entry slope exceeds 1:20, a maximum rise for any run should be 30 inches.
- 4.4. Landings: For zero depth entry slopes that exceed 1:20, at least one level landing must be located between 24 inches and 30 inches below the stationary water level. The landings must have a minimum length of 60 inches and a minimum width of 36 inches
- 4.5. Handrails: Whenever the slope of a zero depth entry exceeds 1:20, two handrails should be required 36 inches apart.
- 4.6. Whenever the slope of a zero depth entry exceeds 1:20, handrails shall have a top handrail gripping surface mounted at 34 inches to 38 inches and a second handrail mounted between 16 inches and 26 inches.
- 4.7. Handrails must be affixed so as to not allow movement in any direction.
- 4.8. Aquatic chairs: Facilities that provide zero depth entry must provide an aquatic chair that meets recommendations 12.1 to 12.5.

Transfer Wall

When a transfer wall is provided, it should meet the following specifications:

- 5.1. Clear deck space: Clear deck space of 60 inches by 60 inches should be required at the transfer wall.
- 5.2. Wall height: The wall height should be 17 inches above the pool deck.
- 5.3. Wall depth: The transfer wall should be 12 inches to 15 inches deep.
- 5.4. Wall surface: The transfer wall surface must be non-abrasive and without any sharp edges.
- 5.5. Handrails: A minimum of one handrail should be located perpendicular to the pool wall, 4 to 6 inches above the transfer wall and with a minimum of 22 inches clearance on either side of the handrail.
- 5.6. Dry ramp: If a dry ramp is used to achieve the transfer wall, all of the

requirements of ADAAG 4.8.5 will apply to the ramp.

Movable Floors

When a movable floor is provided, it should meet the following specifications:

- 6.1. Pool coping: Changes in level in the pool coping should be no greater than one-halfinch and be beveled with a slope no greater than 1:2.
- 6.2. Aquatic chairs: Facilities that provide a movable floor as an accessible means of water entry/exit shall provide an aquatic chair that meets recommendations 12.1 to 12.5.

Transfer Steps

When provided, transfer steps should meet the following specifications:

- 7.1. Clear deck space: Clear deck space of 60 by 60 inches should be required adjacent to the surface of the transfer steps.
- 7.2. Transfer surface: The transfer surface of the highest step should be 17 inches above the pool deck.
- 7.3. Surface: The surfaces should be firm, have no sharp edges, and should not be abrasive in texture.
- 7.4. Step risers: The risers of transfer steps should be 5 to 7 inches in height. The last step in the water should be at least 18 inches below the water surface.
- 7.5. Step surface: Transfer steps should have a minimum of 12 inches of tread depth and a minimum of 22 inches tread width.
- 7.6. Handrails: One handrail should be provided at the side of the transfer step opposite the clear deck space. The handrail should be between 4 inches and 6 inches above the step surface.
- 7.7. Handrail diameter should be 1.25 inches to 1.5 inches.

Stairs

If stairs are provided as an accessible means of water entry/exit, they should meet the following specifications:

- 8.1. Surface: The surface of pool stairs must be firm, stable, and slip resistant.
- 8.2. The minimum clear width of pool stairs shall be 36 inches.

- 8.3. All steps shall have uniform riser heights and uniform tread widths. Stair treads shall be no less than 11 inches wide.
- 8.4. Two handrails shall be provided and located 32 to 36 inches apart.
- 8.5. In addition to a top handrail gripping surface mounted at 34 inches to 38 inches above the ramp surface, a second handrail should be mounted between 16 inches and 26 inches.
- 8.6. Handrails should not be required to extend beyond the base of stairs or the base of a ramp where such would protrude into a lane or otherwise programmable area.
- 8.7. Handrails must be affixed so as to not allow movement in any direction.
- 8.8. Handrail diameter should be 1.25 inches to 1.5 inches.
- 8.9. If handrails are mounted adjacent to the pool wall, the space between the wall and the handrail shall be 1.5 inches.

Wading Pools

- 9.1. A minimum of one accessible means of water entry/exit shall be provided for each wading pool and shall be located on an accessible route.
- 9.2. An accessible means of water entry to wading pools shall be one of the following: transfer wall, transfer steps, pool lift, a wet ramp, or a zero depth entry, provided the means of entry/exit meets each of the recommendations for that means of entry/exit.

Spas

- 10.1. A minimum of one accessible means of water entry/exit shall be provided for each spa and shall be located on an accessible route.
- 10.2. An accessible means of water entry to spas shall be one of the following: transfer wall, transfer steps, or lift, provided the means of entry/exit meets all recommendations that apply to the selected means of entry/exit.
- 10.3 An accessible spa that is unattended shall have a means of emergency notification that is adjacent to the accessible means of egress, within reach of someone seated in the spa, and operable at all times.

10.4. Controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate controls shall be no greater than 5 lbf (22.2 N).

Removable Designs & Devices

- 11.1. A removable device must remain in place until all users of the device have exited the pool tank.
- 11.2. Removable devices shall be on-site, readily available, maintained and operable at all times. Whenever possible, removable devices should be in place.
- 11.3. Signage: Whenever devices are removable and not in place at all times, signs must be posted to instruct users as to how the designs/devices can be requested.

Aquatic Chairs

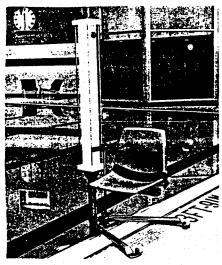
- 12.1. Whenever a ramp, zero depth entry, or movable floor is used as an accessible means of water entry/exit, an aquatic chair with push rims must be provided.
- 12.2. At least one aquatic chair with a top surface of the seat at 17 inches above the deck shall be provided.
- 12.3. Seat width: The aquatic chair seat width should be a minimum of 19 inches wide.
- 12.4. Footrest: Footrests should be provided on the aquatic chair.
- 12.5. Armrests should be located on both sides of the aquatic chair seat. At least one armrest should be capable of moving away from the side of the chair.



Designs & Devices for Swimming Pool Access

National Center on Accessibility Designs & Devices for Swimming Pool Access

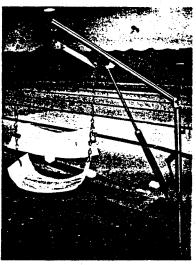
There have been many approaches taken to assist people in entering and exiting pools. Some are very common, others are not often seen. Some designs and devices are known by several different names. The information below is intended to familiarize you with the designs and devices and the terms by which we have chosen to refer to them. Please take a few minutes to review the various approaches and have this handy if your are interviewed.



Hydraulic Lift (Spectrum's Swim-Lift II)

Lifts

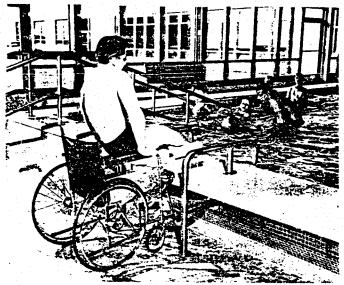
Pool lifts are mechanical devices that move a person into or out of the water. Some lifts are permanently installed others are portable, placed in a deck mounting or rolled into place when needed. Lifts may require a transfer from a wheelchair to the lift seat or may have a sling seat that moves the person directly from a wheelchair to the water. Some lifts are power operated and others are operated manually; some can be operated independently by the user, while others require assistance.



Manual Lift (Spectrum's Econo Lift)

Movable Pool Floors

Movable pool floors allow the entire pool floor or just a section of the floor to be raised or lowered to any depth or to a desired slope. Hydraulic pistons are used to slowly move the floor. When the floor is raised to deck level, participants can either walk or roll their wheelchairs on to the pool floor and be lowered to the desired water depth.



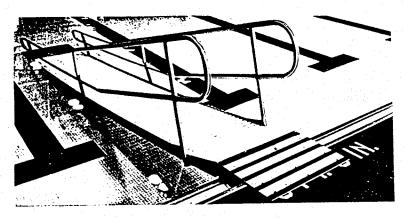
Raised Pool Coping

Raised Coping & Dry Ramp

Two similar pool designs have been used to create a transfer surface at the pool's edge: the raised pool coping and the dry ramp. With the raised coping design, the edge of the pool is raised above the level of the deck, forming a small wall around the outside of the pool. The level of the pool water is actually above the deck of the pool. With the dry ramp, a descending ramp is built into the pool deck along the outside of the pool. This lowers the pool deck to a level transfer point at wheelchair height. Both the raised coping and the dry ramp are designed to form a transfer point above the pool deck and even with the water level.

Ramps

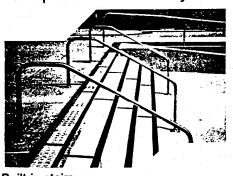
Pool ramps typically begin at the pool's deck level and provide an even sloped surface into the water. They may be constructed as part of the pool or may be portable or removable equipment. Ramps may be located either in the primary pool area or in a swimout area that leads into the primary pool area.



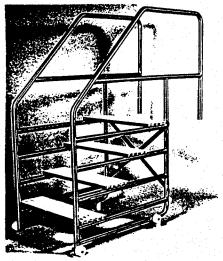
Portable Ramp (Spectrum's Therapy Ramp)

Stairs

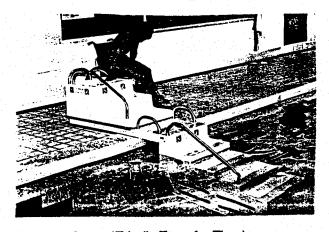
Unlike ladders, stairs provide gradual steps into the pool. They may be a permanent part of the pool, built into the pool tank or into the wall of the pool, or be removable and portable. Stairs may be narrow or wide.



Built-in stairs



Portable Stairs (Spectrum's Therapy Steps)



Transfer Steps (Triad's Transfer Tiers)

Transfer Steps

Transfer steps continue the pool stairs to a transfer surface on the pool deck. The transfer surface will be seat height, allowing someone to transfer from a wheelchair and move to and from the water, one step at a time. They can be either permanent or movable.

Zero Depth Entry

Zero depth entry pools provide an end of the pool where the pool bottom begins at the deck level and gradually slopes to a deeper level. This creates an entry similar to that of a beach.

APPENDIX B **Product Descriptions**

Product Information

The following pages contain information about equipment designed to enable people with mobility impairments to enter and exit a swimming pool or spa. The information was provided by manufacturers and distributors of the equipment during August, 1996. Current costs and product dimensions may vary from what has been reported in this section. Contact the specific manufacturer or distributor for possible changes. Equipment is listed in alphabetical order by manufacturer/distributor under each product type.

Ladders

Product: AQUATREK LADDER

Description: Wide tread and handrails provide stability.

Constructed of durable and lightweight plastic. Non-

slip safety treads on each step. Portable and

removable. Length is 72 inches and overall width is 34 inches: 30 inches clearance width between handrails. Tread depth is 9 inches and riser height is between 7 and 9 inches. Built to specifications of pool. Available in 3-step model (125 lbs); 4-step model (135 lbs.); or 5-step model (150 lbs). 1-year

warranty.

Cost: \$1735.00 for 3-step

> \$1987.00 for 4-step \$2234.00 for 5-step

Contact: Rehab Systems

2014 First Avenue South

Fargo, ND 58103 800-726-8620

Product: THERAPY LADDER

Description: Sloping, angled ladder designed for pools when a

standard vertical ladder is not appropriate.

Customized for each pool. Railing height from deck is 32 inches, 18 inch clearance between rails; overall width is 20 inches. Treads are made of durable plastic with a maximum rise of 10 inches, and tread

depth of 4 inches. Stainless steel railings.

Cost: \$503.00 - \$1030.00

Contact: Spectrum Pool Products

> 9800 Inspiration Drive Missoula, MT 59802

406-543-5309 / 800-776-5309

Product: EASY LADDER

Description: Easy ladder provides safe pool entry and exit, has

steps instead of standard ladder configuration. Gentle

sloping ladder eliminates back and arm strain experienced when using a vertical pool ladder. All

depths and deck configurations can be

accommodated because the easy ladder is custom trimmed to each individual pool. Fits flush to pool wall and simply lifts in and out, permanent anchoring is not necessary. Durable fiberglass and stainless steel construction, non-skid epoxy coating, no moving parts, no maintenance. Slip-resistant tread provides secure footing. Maximum depth 70 inches. Overall unit width is 31 inches. Non-skid treads are 26 inches wide with 9.75 inches for riser height and 12 inch depth. Handrail on each side. Side skirts prevent swimmer entrapment. Locate in pool corner or on

sides or end wall. Includes dolly.

Cost: \$1550.00 - \$1695.00

Contact: Triad Technologies

219 Lamson Street Syracuse, NY 13206

800-729-7514

Lifts

Product: SWIMMING POOL LIFTER WC-702

Description: Manually operated portable hydraulic lifter. Stainless

steel construction. Available with nylon one piece seat, back, and chains. Additional options include dacron mesh one piece seat and back or stretcher. Lifting range is 65 inches with 90 degree horizontal swing. Can rotate 360 degrees. Mast length, 57.5

inches; boom length, 45 inches.

Capacity: 400 pounds

Cost: contact for cost

Contact: AFW Company of North America

P.O. Box 648 1 Aquatic Center Cohoes, NY 12047 518-783-0038

Product: IG14, IG21 & IG28-INGROUND POOL LIFTS

Description: These water-powered, portable lifts can be installed

into a single socket in the deck and are operated by an assistant. Manually turn 180 degrees over the deck. Upper and lower controls are mounted on the cylinder. Seat travels 42" up or down. Seat height is 19 inches. 70 inches tall. 55 pounds without seat assembly. Includes recessed socket for concrete decks. Seat is 19 inches from deck. Includes inner armrest and optional safety strap. Products warranted to be free of mechanical defects for one year from

purchase date.

Capacity: 275 pounds at 55 p.s.i. water pressure

Cost: \$2420.00 - \$2640.00

Contact: Aquatic Access Inc

417 Dorsey Way Louisville, KY 40223

800-325-LIFT / 502-425-5817

Product: IG AT-90

Description: Compact, portable and efficient water powered lift.

Mounts into a socket in the deck and operates with water from a garden hose connected to a nearby faucet. Seat height is 19 inches and travels 42" up and down and automatically turns 90 degrees over the deck. Upper and lower controls mounted on cylinder allow independent operation. Under 5 feet high and 70 pounds and can be carried by one person. Seat height is 19 inches from deck. Includes

inner armrest. Optional safety strap. Can be

customized for inground spas.

Capacity: 400 pounds at 55 p.s.i. water pressure

Cost: \$2860.00

Contact: Aquatic Access

417 Dorsey Way Louisville KY 40223

800-325-LIFT / 502-425-5817

Product: IG AT-180

Description: Compact, portable and efficient water powered lift.

Mounts into a socket in the deck and operates with water from a garden hose connected to a nearby faucet. Its adjustable seat travels 42" up and down and automatically turns 180 degrees over the deck. Upper and lower controls mounted on cylinder allow independent operation. Seat height is 19 inches from deck. Includes footrest and inner armrest. Optional flip-up armrest, safety strap, and headrest available. Under 5 feet high and 70 pounds. Can be customized

for inground spas.

Capacity: 400 pounds at 55 p.s.i. water pressure

Cost: \$3245.00

Contact: Aquatic Access

417 Dorsey Way Louisville KY 40223

800-325-LIFT / 502-425-5817

Product: AG48WP, AG48 & AG72-ABOVEGROUND POOL LIFTS

Description: Water-powered lifts for above ground pools up to

4-feet deep at the point the lift is installed. Assistant operated with some modifications that may allow some users to operate independently. Seat height is 19 inches. Includes inner amrest. Optional safety

strap. Rotates 180 degrees.

Capacity: 275 pounds at 55 p.s.i. water pressure

Cost: \$2310.00 - \$3300.00

Contact: Aquatic Access Inc

417 Dorsey Way Louisville, KY 40223

800-325-LIFT / 502-425-5817

Product: SPA LIFTS--MODEL SLE

Description: Portable, water-powered lift for spas. Assistant

operated, however customization may be possible to allow some users to independently operate. Two models (SLE-36" or SLE-48") depending on height of the spa wall. The seat travels 24 inches up and over the side of the spa, and down into the water. Seat height is 19 inches. Seat rotates 180 degrees. Optional armrests may be ordered in addition.

Products warranted to be free of mechanical defects

for one year from purchase date.

Capacity: 250 pounds at 55 p.s.i. water pressure

Cost: \$1980.00 - \$2310.00

Contact: Aquatic Access Inc

417 Dorsey Way Louisville, KY 40223

800-325-LIFT / 502-425-5817

Product: OTTER PORTABLE POOL LIFT

Description: Manually assistant operated, portable pool seat lift.

Wheeled base for ease of storage. Claw feet fasten with "T" hooks into installation sockets at side of pool for stability. Swivel armrest to facilitate side transfers from wheelchair. Lift has swivel mast which rotates 180 degrees by foot operated locking plate which automatically locks when in position over deck or water. Stainless steel mast and base assemblies. Molded plastic seat. Mechanical screw drive lift mechanism. Free wheel device stops chair lowering

on obstruction. Fits most standard pool sides.

Capacity: 350 pounds

Cost: \$6500.00

Contact: Arjo Inc

8130 Lehieg Avenue Morton Grove, IL 60053

800-323-1245

Product: LIFEGUARD POOL LIFT--MODEL 20A

Description: Hydraulic portable lifter for swimming pools and spas.

Mounts in permanently installed sleeve in pool deck. One piece dacron mesh sling, cement-in sleeve with flush cover and a speed hydraulic pump. Lift is manually operated by an assistant. 62 inch lifting range on a 45 inch boom. Boom rotates user sitting in sling in either direction (360 degrees). Lightweight and storable. Restraining straps, extension arm and surface mounts and additional options available.

Weighs 54 pounds.

Capacity: 400 pounds maximum

Cost: \$935.00

Contact: Lifeguard Lift Inc.

1950-B Olivera Road Concord, CA 94520

800-688-3958

Product: MENGO SAFE-LIFT

Description: Smooth operation with choice of armrest or pool side

controls. Quiet, reliable 24-volt motors are UL listed,

waterproof, and includes safety brake. Remote transformer steps down simple 110-volt current. The six-volt, four button sealed controller moves the Safe-Lift smoothly and precisely. Can be operated by the user or a pool side attendant. Seat height minimum is 22 inches from deck and can be raised to higher

height by user. Lift rotates 90 degrees. Measures 26 inches square at the machine base and 63 inches tall at its mast. Accommodates chair seat, wheelchair platform, or stretcher. Chair seat has armrests on both sides. Low maintenance and 3-year warranty.

Capacity: 500 pounds maximum

Cost: \$8250.00

Contact: Mengo Industries

4611 Green Bay Road Kenosha, WI 53144

414-652-3070

Product: MORRIS INDEPENDENT LIFT 41-BD

Description: Operated with standard water pressure. Controls

allow for independent operation. No electricity

involved. Lift can be stopped at any time during travel by releasing the controls or reversed by pressing the controls in the opposite direction. Seat height is 17.5 inches from the deck and has an inner armrest.

Travel is capable to 26 inches below the baseline. Lift can be removed for storage, but designed to be left in

place so it is always available to users.

Capacity: 300 pounds at 50 p.s.i. of water pressure

Cost: \$7500.00

Contact: Morris Independent Lift

3236 Patterson Road Bay City, MI 48706 517-684-5333

Product: MORRIS INDEPENDENT LIFT 55-A

Description: Operated with standard water pressure. Controls

allow for independent operation. Chair is 28 inches wide and travels 32 inches below the base level of the

unit. Chair height can be adjusted upward for transfers, positioned and held in place by

electromagnetic brakes for stability. Minimum height off deck is 12 inches. Patented guard system protects from pinch points. Hinged cross bar. Seat back is made of PVC and coated with a non-slip moisture

made of PVC and coated with a non-slip moisture proof flexible paint with ultraviolet inhibitors. Lift can be stopped at any time during its travel by releasing the controls or direction of travel reversed. Lift can be removed easily, but is designed to be left in place so

it is always available to users.

Capacity: 450 pounds

Cost: \$25,000.00

Contact: Morris Independent Lift

3236 Patterson Road Bay City, MI 48706 517-684-5333

Product: THERAPY ACCESS LIFT (46-650)

Description: Water powered lift allows access to high therapy tubs

as tall as 69 inches. The seat is 19.5 inches from the floor, moves straight up, swings freely 180 degrees over the pool, then down into the water. Assistance is required to lift the patients ankles and turn the seat. The control knob is mounted on the cylinder at a convenient height for the assistant. The cylinder is attached to the top flange of the pool with a bracket and the base is bolted to the floor. Custom designs

are available.

Capacity: 300 pounds at 55 p.s.i. water pressure.

Cost: \$3029.40

Contact: Recreonics

4200 Schmitt Avenue Louisville, KY 40213

800-428-3254

Product: POOL ACCESS LIFT--180 COMPLETE

Description: Automatic, water powered, full 180 degree turn.

Accommodates lateral transfers and has footrest. Seat height is 19.5 inches from the deck. Lift mounts into deck socket and water from hose provides power. Seat travels 42 inches up and down with upper and lower controls allowing independent operation from deck or water. Complete model includes headrest, flip-up outer armrest, stationary inner armrest, and

safety strap. 3 year warranty on structural

components.

Capacity: 400 pounds at 55 p.s.i. water pressure

Cost: \$3403.03

Contact: Recreonics

4200 Schmitt Avenue Louisville, KY 40213

800-428-3254

Product: POOL ACCESS LIFT--90 COMPLETE

Description: Portable, automatic, water powered, full 90 degree

turn. User or assistant operated. Seat height is 19.5 inches from deck. Only 5 feet, 1 inch high in its down position and weighs only 65 pounds. Complete model includes headrest, armrest, and safety strap. 3-year warranty on all structural components, including

cylinder.

Capacity: 300 pounds at 38 p.s.i. water pressure

Cost: \$2867.83

Contact: Recreonics

4200 Schmitt Avenue Louisville, KY 40213

800-428-3254

Product: STAINLESS STEEL LIFTER

Description: Manually operated, portable lift. Operated by pool

side assistant. Lift rotates 360 degrees. Lowering range of 62 inches. Includes a one piece nylon

seat/back support and lifting chains.

Capacity: 400 pounds

Cost: \$1207.00

Contact: Recreonics

4200 Schmitt Avenue Louisville, KY 40213

800-428-3254

Description: Hydraulic-powered with self-contained nitro tech

WHEELCHAIR-TO-WATER LIFT 1000

plated ram. Outward pumping action of ram handle will raise unit. Pushing of handle against ram body will

lower unit. Can easily be removed for storage or multiple locations. 65" lifting/power range and 360 degree rotation. Available with /the Handi-Move frame, made with stainless steel arms, with chest supports and adjustable leg supports or hammock

attachment. 3-year warranty for structural components and 1-year warraty for ram.

Capacity: 320 pounds maximum

Cost: \$3200.00

Product:

Contact: SureHands International

982 Route 1

Pine Island, NY 10969

914-258-6500/ 800-724-5305

Product: WHEELCHAIR-TO-WATER LIFT 2000

Description: The 2000 motorized model runs on an overhead track

and offers complete vertical and horizontal range of motion. Push-button control allows some individuals to move out of their wheelchair, into the water, and back again. Available with the Handi-Move frame, made with stainless steel arms, with chest supports and adjustable leg supports or hammock attachment.

3-year warranty for structural components.

Capacity: 320 pounds maximum

Cost: \$4500.00

Contact: SureHands International

982 Route 1

Pine Island, NY 10969

914-258-6500/ 800-724-5305

Product: ECONO LIFT

Description: Manually assistant operated lift with a mesh, nylon

sling seat. The lift is made of stainless steel structural

components with a polished and buffed finish.

Outward pumping action of the nitro-tech plated ram handle will raise the sling; pushing of handle against the ram body will lower the sling. The lift will raise or lower the sling a maximum of 62 inches. The sling can rotate around the cylinder 360 degrees. No tools required for setup or removal from the socket. Portable and easy to remove for storage. Lift customization for needs of pool and users. 3-year

limited warranty on the structural components; 1-year warranty on the ram, sling, and chain.

Capacity: 400 pounds maximum

Cost: \$939.00

Contact: Spectrum Pool Products

9600 Inspiration Drive Missoula, MT 59802

406-543-5309 / 800-776-5309

Product: FREEDOM LIFT FL400

Description: Water-powered spa and above-ground pool lift. This

fully automatic, adjustable lift has a water-powered drive system that is controlled by the user. The unit does not fasten to any portion of the spa and includes all necessary mounting hardware, hoses, plastic seat, safety strap, stationary inner arm, and pull-out leg support. Options include a headrest, flip-up outer arm, and adjustable footrest. The seat has a 25-inch raising capacity, and can be rotated 110 degrees. All structural components are stainless steel with a polished finish. Adjustable overall height from 50 to 75 inches; base width of 16 inches; and overall length of 40 inches. Seat height is 19 inches. Lift

customization for needs of pool and users. 3-year

limited warranty on structural components; 1-year

warranty on valves, cylinder, and hoses.

Capacity: 300 pounds

Cost: \$3832.65

Contact: Spectrum Pool Products

9600 Inspiration Drive Missoula, MT 59802

406-543-5309 / 800-776-5309

Product: SWIM LIFT SL100

Description: Platform lift. Wheelchair fastens to platform and

lowers wheelchair and user into water. Water

powered from the nearest hose connection. Stainless steel construction. Lift customization for needs of pool

and users. 3 year warranty.

Capacity: 600 pounds

Cost: \$11,000.00

Contact: Spectrum Pool Products

9600 Inspiration Drive Missoula, MT 59802

406-543-5309/ 800-776-5309

Product: SWIM-LIFT II COMPLETE--SL350

Description: Lift is water powered and has a 3 position, 4-way

control valve. Does not require an attendant to operate. Portable with quick release stainless steel deck sockets. Wheel stands for transport. Breaks down into two components for storage. Plastic molded seat is 19 inches from deck. Lowering depth is 24 inches from the deck into pool. 180 degree rotation with automatic locks. Includes deck anchors, hoses, soft plastic seat, safety strap, flip-up outer arm, stationary inner arm, footrest, and headrest. Customized for needs of pool and users. Overall height 5 feet 6 inches. Base width 2 feet 8 inches;

length, 2 feet. 3 year warranty.

Capacity: 300 pounds at 55 p.s.i. water pressure, greater capacities can be

obtained by increasing pressure or size of the cylinder.

Cost: \$3195.00

Contact: Spectrum Pool Products

9600 Inspiration Drive Missoula, MT 59802

406-543-5309 / 800-776-5309

Product: SWIM LIFT III SL500

Description: Powered by common water pressure. No hoses on

the pool deck, no manual cranking, no electricity. The unit may be controlled from the pool or out. Stainless steel cylinders with oil-less PVC, so water used remains clean and can be discharged into drain or pool. Built to elevator standards. Non-corrosive stainless-steel construction. Customized for needs of pool and users. Additional options include flip-up arm, stretcher, wheel carriage for stretcher, wheelchair, or

control for independent use. 3-year warranty.

Capacity: 450 pounds

Cost: \$9695.00 SL500 IG (in-ground model)

\$8969.00 SL500 AG (above-ground model)

Contact: Spectrum Pool Products

9600 Inspiration Drive Missoula, MT 59802

406-543-5309 / 800-776-5309

Product: SL600 WHEELCHAIR LIFT

Description: Wheelchair platform lift designed to assist wheelchair

users to enter and exit pools. The wheelchair is positioned onto platform and lowers the user into the water. Built to elevator standard. Stainless-steel construction. Lift customization for needs of pool and

users. 3-year warranty.

Capacity: 600 pounds

Cost: \$10,993.00

Contact: Spectrum Pool Products

9600 Inspiration Drive Missoula, MT 59802

406-543-5309 / 800-776-5309

Product: NOLAN POOL LIFT--Model 040-0100R

Description: Self-operated, water-powered pool lifter. Control

levers at deck and water level. Seat automatically turns 90 degrees as it raises and lowers. Seat height

is 19 inches off deck. Seat travels 42 inches.

Accessories include left am, wheel assembly, safety strap, additional sockets. 1-year warranty. Less than 2 gallons of fresh water is used for each cycle and dispersed back into the pool. Suitable for most in-ground pools. Easy to remove and store when not

in use.

Capacity: 300 pounds at 55 p.s.i. water pressure

Cost: \$3117.00

Contact: SunMed

5601 Lindero Canyon Road, Suite 205

Westlake, CA 91362

800-333-4000

Product: HOYER SWIMMING POOL LIFT-Model SS-HSP

Description: A hydraulic powered lift designed for the person who

requires assistance in transfer and use. Fits into a flush mounted sleeve at pool side. Easily operated by attendant with a manual hydraulic-powered lifting mechanism. Rotates 360 degrees. Equipped with a standard 112-D white dacron sling, the lifter is also

available with an optional extension arm for

increasing horizontal reach. It has a 62 inch lifting range, a 90 inch horizontal swing, and 40 inch chains

for seat sling.

Capacity: 400 pounds

Cost: \$1196.00

Contact: SunMed

5601 Lindero Canyon Road, Suite 205

Westlake, CA 91362

800-333-4000

Movable Floors

AFW MOVABLE SWIMMING POOL FLOOR Product:

Description: Movable floor for new or existing pools. Reinforced

concrete floor with hydraulic lift. Any water depth can be created. The floor moves at a rate of one foot per minute. Makes the pool very flexible for a variety of

programming uses.

Cost: contact AFW for cost

AFW Company of North America Contact:

> P.O. Box 648 1 Aquatic Center Cohoes, NY 12047 518-783-0038

Product: PADDOCK MOVING FLOOR

Description: Variable depth permits programming for all ages and

abilities. Moving floor may be concrete or the flowthru design fabricated of stainless steel with PVC and stainless steel grating. Hydraulic cylinders raise and lower the whole floor or portions of the floor. Trailing

ramps and safety rails are available.

Cost: contact Paddock for cost

Contact: Paddock Pool Equipment Company

P.O. Box 11676

555 Paddock Parkway Rockhill, SC 29730

803-324-1111

Ramps

Product: SWIMMING POOL ACCESS RAMP

Description: Portable stainless steel access ramp with side rails

allows gradual incline into swimming pool. Non-slip surface. Mounting bracket for pool edge. 15 feet long. 30 inches walkway clearance width. Handrail heights

are 24 and 36 inches. Overall ramp width is 34

inches. Wheels to assist in moving. Ramp capable of supporting a distributed load of 1500 pounds. Ramp weight is 186 pounds.

Cost: \$4600.00

Contact: AFW Company of North America

P.O. Box 648 1 Aquatic Center Cohoes, NY 12047 518-783-0038

Product: ACCESS RAMP

Description: Removable stainless steel access ramp is custom

designed for gutter or perimeter profile. Does not affect pool design or configuration. The ramp can be installed and removed as needed. Manufactured from corrosion resistant, low-carbon T-304 stainless steel, with non-slip fiberglass grating for ramp surface. 15 feet long, 40 inches wide overall, and 36 inches clearance width between handrails. Dual handrails on both sides, top railing height is 34 inches and lower

railing is 18 inches.

Cost: \$6330.56

Contact: Recreonics

4200 Schmitt Avenue Louisville, KY 40213

800-428-3254

Product: SWIM-STEP POOL ACCESS SYSTEM

Description: 3-in-1 system, converts from stairs into ramp and

parallel bars with optional ramp kit. Length is 13 feet; overall width is 34 inches, with a walkway clearance of 30 inches wide. Manufactured from highly durable light-weight, non-corrosive thermo-plastics. Two dual handrails of 1.5 inches diameter are at heights of 17 and 36 inches. Also has 3 inch high edge protection on walkway. Non-skid safety treads on each step.

Top attaches securely to decks.

Cost: \$5706.00 for Swim-Step and ramp conversion kit

Contact: Rehab Systems

2014 First Avenue South

Fargo, ND 58103 800-726-8620

Product: THERAPY RAMP

Description: Removable access ramp is 30 inches wide between

rails and 15 feet long. Stainless steel construction with non-skid fiberglass walkway. Handrails are 36 inches high. Has 3 inch high edge protection to prevent wheelchair wheels from falling off sides. Includes deck anchors. Ramp also available with 36 inch clearance width. Overall width is 34 inches. 10 year warranty on structural components and 1 year

warranty on Dura-deck.

Cost: \$5393.00

Contact: Spectrum Pool Products

9600 Inspiration Drive Missoula, MT 59802

406-543-5309 / 800-776-5309

Steps

Product: EZ STEPS

Description: Four tread, drop in steps that fit various pool wall

heights in above- and in-ground pools. Made from white structural polyethylene. Two models available with overall tread widths of 35 inches. Clearance width between handrails is 32 inches. Tread riser height is 9.5 inches and tread depth is 10 inches. One offers an adjustable height of 46-50 inches for above ground pools and the other has an adjustable range of 40-43 ½ inches for in-ground units. Two stainless

steel handrails. Handrail height is 32 inches.

Marketed by Quaker Plastics Corporation and sold

through wholesale distributors.

Cost: contact for cost

Contact: Contact for local United States dealer

Fox Pool Corporation

P.O. Box 549 York, PA 17405

800-723-1011 / 717-764-8581

Product: AQUATREK STEP

Description: Removable stairs constructed of durable, non-

corrosive plastic. Non-slip treads on each step. Lightweight and portable. Built on wheels for

transporting. Allows users to enter and exit walking forward. Available in 6 or 7 step models. Overall width is 34 inches, tread width is 30 inches, length is 98 inches, weight 175 pounds. Tread riser height is 6 inches and tread depth is 13 inches. Handrail height

is 30 inches.

Cost: \$2734.00 for 6 steps

\$2975.00 for 7 steps

Contact: Rehab Systems

2014 First Avenue South

Fargo, ND 58103 800-726-8620

Product: THERAPY STEPS

Description: Stainless steel therapy steps allow the user to enter

and exit the water in a forward position. Distance into water ranges from 48 - 60 inches. Depth from pool deck to pool floor varies. Clearance width between handrails is 31 inches; overall width is 34 inches. Handrails are 1.66 inches by 0.109 inches; height is 32 inches. Available in 3, 4, or 5 step models. Steps are Dura-deck fiberglass with tread depth of 10 inches and tread riser height of 9 inches. Unit includes grounding screw. Anchors available as an option. Portable unit with four polyolefin wheels which are 4 inch in diameter. Rated load of 450 pounds. 10-year structural warranty and 1-year warranty for Dura-

deck.

Cost: \$2413.00 for 3-step model

\$2682.00 for 4-step model \$3000.00 for 5-step model

Contact: Spectrum Pool Products

9600 Inspiration Drive Missoula, MT 59802

406-543-5309 / 800-776-5309

Product: ACCESS STAIRS

Description: Portable stainless steel access stairs feature heavy

duty welds for reliability and strength, and adds versatility to pools due to its ease of installation and removal. The stairs are available with either 20 inch wide plastic steps or 37 inch wide 316 gauge stainless steel steps, and offer a choice of four to eight steps. Riser height, 8 inches; tread depth, 14.5

inches.

Cost: \$972.18 - \$1634.48

Contact: WMS Aquatic Specialists

P.O. Box 398

Ellensburg, WA 98926

800-426-9460 / 800-443-7946

Transfer Steps

Product: AQUATREK TRANSFER PLATFORM

Description: Allows user to transfer from wheelchair to the platform

and down into the water. Usable with other

AQUATREK pool access products. Portable, non-skid surface, stainless steel fasteners, light weight and durable. Three tier unit that is 30 inches wide; tiers depth is 13 inches with 6 inch riser height between tiers. Top tier is 18 to 20 inches above the deck. Grabrails on back and one side of platform.

Cost: \$864.36

Contact: Rehab Systems

2014 First Avenue South

Fargo, ND 58103 800-726-8620

Product: TRANSFER TIER

Description: A set of portable on deck and underwater tiers. User

transfers laterally from wheelchair onto upper deck unit and lowers into water tier by tier, using upper body mobility. Made of durable, reinforced fiberglass with 1.9 inch stainless steel handrails. Smooth, non-

abrasive finish. Water fills the base for increased stability. Completely self-contained. No operator or mounting required. Can easily be removed for storage. Back and side railings, order left or right side models. Each tier riser height is 6 inches; tier depth is 12 inches; tier width is 22 inches. Top tier is 18 inches from the deck. Three tiers on deck and 4 tiers in the water. Grabrail on backside of top tier and along one side of the unit. Removable, no anchoring necessary, lifts in and out. Custom trimmed to each pool.

Cost: \$2450.00

Contact: Triad Technologies

219 Lamson St Syracuse, NY 13206

800-729-7514

Aquatic Wheelchairs

Product: SERIES JTG 624 SHOWER/COMMODE CHAIR

Description: Seamless Ensolite seat and back. Swing away,

removable arms. Adjustable, removable footrests. Push handle back. Corrosion-resistant finish and high strength molded components. Toggle brakes and anti-tippers. 5 inch front casters and 20 inch rear wheels with push rims. Seat width and depth, 18.25 inches; seat width between armrests, 18.5 inches; back height from seat, 16.5 inches; seat height from

floor, 22 inches; top of seat to top of footrest

adjustment, 17 to 18 inches; distance between wheel lugs, 14.37 inches; overall width, 25.25 inches; overall

depth, 41 inches. Customizing available.

Cost: \$936.00

Contact: Active aid Inc

1 Activeaid Road PO Box 359

Redwood Falls, MN 56283-0359 507-644-2951 / 800-533-5330

Product: ROLLING, FOLDING SHOWER/COMMODE CHAIR (462-20)

Description: Chair has 20-inch rear wheels with push rims and 5-

inch front casters with sealed bearings. Corrosion-

resistant finish and high strength molded

components. Double plunger brake system. Includes an interchangeable cushioned commode seat and a cushioned solid seat; a cushioned, removable push handle back; removable arms; and adjustable, removable, swing under footrests. Overall width is 25 inches; seat to top of back measures 14.75 inches; seat width is 16.5 inches; and seat depth is 16 inches; seat height from floor is 19.5 inches; overall depth, 38.5 inches. Weighs 45 pounds. Customizing available.

Cost: \$945.00

Contact: Active aid Inc

1 Activeaid Road PO Box 359

Redwood Falls, MN 56283-0359 507-644-2951/ 800-533-5330

Product: SHOWER/COMMODE STAINLESS STEEL SERIES 480-24

Description: Stainless steel framework, corrosion resistant

components and seamless Ensolite foam seat and back. Removable arms. Rigid frame. Velcro safety strap. Toggle brakes. Swing-away, detachable

footrests. Push handle back. 5 inch front casters and 20 inch rear wheels with push rims. Seat width, 16.5 or 18 inches; seat depth, 16 inches; back height from seat, 18 inches; seat height from floor, 21.75 inches; armrest height, 8.75 inches; overall width, 25 inches; overall depth, 40.5 inches. Customizing available.

Cost: \$1649.00

Contact: Activeaid Inc

1 Activeaid Road P.O. Box 359

Redwood Falls, MN 56283-0359 507-644-2951/ 800-533-5330

Product: SHOWER/COMMODE CHAIR (MODEL 490)

Description: A wheelchair shower commode with two 24-inch rear

wheels with and 5-inch front casters. Corrosion-

resistant finish and high strength molded

components. Cushioned, removable, push handle

back. Double plunger brake system. Removable arms. Adjustable, removable, swing away footrests. Foldable. Features include an epoxy coated frame finish; disc brakes with lever release; full-length padded armrests; and thick cushioned, front or rear opening seat. Hand rim projections and brake arm extension are available. Seat width between arms is 16.25 inches; seat depth is 16.25 inches; seat height from floor is 23.25 inches; back height from seat is 16 inches; overall width is 24.25 inches; footrest adjustment range is 3 inches; overall depth, including footplates is 41.75 inches.

Cost: \$1185.00

Contact: Active aid Inc

1 Activeaid Road P.O. Box 359

Redwood Falls, MN 56283-0359 507-644-2951/ 800-533-5330

Product: MOBILE SHOWER/TOILET CHAIR #80209011

Description: Designed to allow the user to independently propel

the chair. The chair is made of steel and aluminum construction with a molded, textured polypropylene seat. The chair has 22 inch wheels with push rims. Flip-up armrests and push handles are standard. Optional accessories include: a safety strap,

footrests, and safety bar. Overall depth, 28.62 inches and overall width is 26.75 inches; seat width is 18.75 inches, depth is 17.75 inches; floor to seat height is

21.62 inches.

Cost: \$1913.30

accessories: \$301.70 (footrests); \$48.00 (safety strap)

Contact: ETAC USA Inc

2325 Parklawn Dr., Suite J Waukesha, WI 53186

800-678-3822 / 414-796-4600

Product: STEEL WHEEL AQUATIC CHAIR

Description: Designed for use in swimming pools. Allows for user

to independently power chair. The frame and all bolts, screws, castors are made of type 316 non-corrosive

stainless steel. The tubing (1 inch diameter) is

rounded to eliminate sharp comers. Equipped with 2 nylon web seat belts with Velcro closures for chest and waist areas. Seat and back material is textilene (similar to nylon cord) which won't run or stretch. Pullout armrests with plastic pads. 8x1 inch front casters. Urethane foam mag rear wheels, 24x1.37 inch solid tires with push rims. Wheel locks and footrests are a combination of durable plastic and stainless steel; fold-up adjustable and removable footrests. Overall width; 24 inches; overall depth, 32 inches; seat width, 18 inches; seat height, 19.5 inches. Custom sizes can

be made.

\$1500.00 Cost:

Contact for dealers in the United States Contact:

Interior Mediquip Ltd

PO Box 1875

Vernon, BC V1T 8Z7

Canada

800-561-8998 / 604-542-1363

REHAB SHOWER/COMMODE CHAIR Product:

MODELS (6692, 6492, 6695, 6495)

Description: Corrosion-resistant coating on frame. Available with

rear 24 inch drive wheels with push rims. Flip-up arms; swing away, removable, and adjustable

footrests. Removable, multi-position seat, 3 inch foam cushion with seamless Ensolite foam that does not absorb moisture, minimizing skin irritation. Front cutout seat. Rear wheel locks. Foldable. Overall chair

height, 39.25 inches; overall depth, 44.5 inches; overall width 26.75 inches; seat height, 21.75 inches; seat width, 16 or 18.5 inches; back height, 37.25 inches; adjustable footrest range, 5.75 to 9.75

inches; and weight, 47 to 49 pounds.

Cost: contact for cost

Contact: Invacare Corporation

P.O. Box 4028 899 Cleveland St

Elyria, OH 44036-2125

216-329-6000 / 800-333-6900

Product: WHEELED COMMODE SHOWER CHAIR #6873

Description: Shower commode wheelchair, polymer coated steel

frame. Seamless padded seat. Flip-up, plastic armrests. Front 5 inch casters, rear 24 inch wheels with standard push rims. Toggle brakes for back wheels. Hook on adjustable, removable footrests with heel strap. Seat height, 22 inches. Seat width and depth, 15 inches. Overall width, 27 inches; depth, 31.5 inches; height, 38 inches. Dacron back support.

Cost: \$1490.00

Contact: Lumex

Division of Lumex Inc 100 Spence Street

Bay Shore, NY 11706-2290 516-273-2200 / 800-645-5272

Product: AQUATREK AQUA CHAIR

Description: Designed to be used in and around water. Can be

customized with push rims on wheels to allow user to independently power. Constructed of PVC plastic and stainless steel fasteners which make it durable and non-corrosive. Composite bearings and aluminum brakes on rear wheels. Lightweight, safe and comfortable. Totally submersible. Armrests and footrests included. Mag wheels are 7 inches in front and 24 inches in rear. Overall width, 28.5 inches; depth, 30.5 inches; height, 37 inches. Seat width, 17 inches; seat height from floor, 19.5 inches. 1-year

warranty.

Cost: \$662.11 additional charge for pair of push rims \$35.00

Contact: Rehab Systems

2014 First Avenue South

Fargo, ND 58103 800-726-8620