

## Suggested Specification: PAL Portable Aquatic Lift

Expanded Version

**Lift Model Shall Be: RehaMed PAL – Portable Aquatic Lift, # 200-0000.** It shall be battery powered, comply with Americans With Disabilities Act Access Guidelines (ADAAG), and have a lifting capacity of 300 pounds. Capable of easy movement to multiple pool locations using a patented counterbalance system (no deck anchors required). Product shall include battery, charger, battery console cover, waterproof control, footrest and seatbelt assembly.

- a. Manufacturer to provide technical support and assistance to confirm pool lift satisfies pool geometry or if another PAL Model is more appropriate (Spa #275-0000, Hi/Lo #250-0000).
- b. Have a LINAK (approved for medical applications) screw/spline type actuator to provide a safe and stable stop at any point in the lifting cycle. Capable of:
  - i. Not only having a stopping point that is a minimum of 16 inches and a maximum of 19 inches measured from the deck to the top of the seat surface when the seat is in the raised position (accessibility guidelines), but also providing additional stopping points at various heights to accommodate users of all ages and abilities.
  - ii. Submerging the seat a minimum of 18” below the surface of the water.
- c. Configured to facilitate ease in user transfer within clear deck space of 36 inches wide by 48 inches deep starting 12 inches from the back end of the seat (Ref. ADAAG).
- d. Have a 24-volt gear motor to power side to side rotation to allow for ample clear deck space for transfer on both sides of the lift.
- e. Seat:
  - i. Width of 18.5 inches (ADAAG Requires 16 inches)
  - ii. Back that extends 24 inches high (ADAAG Requires 12 inches)
- f. Be structurally capable of providing a stable user transfer and pass a static load test equal to 1.5 times the rated load capacity.
- g. Metallic parts (stainless steel and aluminum) to be passivated, pretreated and powder coated using a 5-step process. The process is to be validated by samples undergoing a 4,000 hour Salt Fog Test (ASTM D1654), by a recognized independent laboratory, and achieve a rating of 10 (highest possible rating). (Note: The test is the equivalent of 10 years exposure to this harsh environment.)
- h. Have a Manufacturer’s Warranty:
  - i. Structural Components – Lifetime
  - ii. Electronic Components – 2 Years (except battery)
- i. Have the following optional equipment:

Part #	Description	Part #	Description
900-2000	Stability Vest	920-2000	Total Cover
170-1000	Arm Rest Assembly	100-1400	Wireless Controls
500-1000	Spineboard Attachment		

*RehaMed International, 522 W. Mowry Dr. Homestead, FL 33030*  
*Phone: 800-577-4424, [www.grouprml.com](http://www.grouprml.com)*