

**INTERNATIONAL ASSOCIATION OF PLUMBING
AND MECHANICAL OFFICIALS**

IAPMO GUIDE CRITERIA

FOR

AQUATIC THERAPY POOLS

IAPMO IGC 141-2008

1. PURPOSE

- 1.1** The purpose of this standard is to establish generally a acceptable standard for free standing aquatic therapy pools. It is intended to serve as a guide for manufacturers, distributors, architects, contractors, installers and engineers; to promote understanding of materials, manufacture, and installation of therapy pools. It will also provide identification for a therapy pool system complying with this standard.
- 1.2** The provisions of this standard are not intended to prevent the use of any alternate material or method of construction, provided any such alternate meets the intent and requirements of this document and changes are amended to this standard.

2. SCOPE

- 2.1** The standard being described applies to therapy pools, which are designed to create a warm water environment, which promotes the early rehabilitation of a patient through the buoyancy principles of water. This standard will include requirements for performance, materials, construction, inspection and markings.
- 2.2** Installation of therapy pools shall be in accordance with the manufacturer's instructions and the latest edition of the Uniform Swimming Pool, Spa and Hot Tub Code and NSPI standards.

3. REFERENCED STANDARDS

- 3.1** All standards referenced herein shall be the current edition.

IAPMO/ANSI Z124.7	Prefabricated Plastic Spa Shells
ASME A112.19.8	Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, and Hot Tubs
UL 1563	Electric Hot Tubs, Spas and Related Equipment

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4. DEFINITIONS

- 4.1 A therapy pool consists of a shell, suction fittings and a method of generating a resistance flow within the shell.

5. GENERAL REQUIREMENTS

- 5.1 Therapy pool circulation system and components such as piping, suction fittings and skimmers shall comply with applicable requirements in the applicable NSPI standard.
- 5.2 Therapy pools shall have no mandatory dimensions, however the depth of the pool shall be allowed up to and including seven feet. Such a depth is required for complete buoyancy of the patient, which will create a non-weight bearing environment for any injured joint.
- 5.3 The prefabricated shell shall comply with all sections of IAPMO/ANSI Z124.7.
- 5.4 The therapy pool system that incorporates suction fittings and a resistance generating medium shall comply with the performance requirements of ASME A112.19.8.
- 5.5 Electrical components such as the blowers shall comply with all applicable requirements of UL 1563 for Electric Hot Tubs, Spas, and Related Equipment.
- 5.6 **Backflow Prevention.** When connection to the potable water system is required, there shall be backflow protection in accordance with ASME A112.18.3.
- 5.7 **Heaters.** Water Heater and components shall comply with applicable requirements in the applicable NSPI standard.

6. IDENTIFICATION AND MARKING

- 6.1 Manufacturer's name, serial number, and model designation shall be permanently and legibly marked on the therapy pool so as to be visible after installation.
- 6.2 Fittings which are designed to be totally submerged in water shall be permanently marked with the manufacturer's name or registration trademark, model number, and flow rate in GPM.

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