

WYOMING DEPARTMENT OF AGRICULTURE
Consumer Health Services

Basic List of Requirements for Commercial Spas

The following list of requirements for spa pools is to aid the spa dealer and purchaser to become familiar with some of the basic requirements for the installation of commercial spas. This basic list of requirements is NOT all inclusive and additional requirements may be imposed as required in the *Wyoming Regulations for Swimming Pools, Spas and Similar Installations 2003*.

“Spa pool” means a bathing facility such as, but not limited to, a hot tub or whirlpool designed for recreational or therapeutic use and not designed to be drained, cleaned and refilled for each use.

For new construction or extensive remodeling of a spa pool, plans of the spa pool and/or equipment room shall be supplied, drawn to scale and include:

- (a) One plan view.
- (b) One longitudinal section.
- (c) One transverse section through the main drain.
- (d) One overall plan showing the spa pool in relation to other facilities (may be included with (a)).
- (e) One piping schematic showing piping, pipe size, inlets, main drains, skimmers, gutter outlets, vacuum fittings and all other appurtenances connected to the spa pool piping system.

Spa pool filtering and disinfection equipment shall be located in an equipment room. The equipment room shall be large enough to permit access to all equipment for both operation and maintenance, be adequately ventilated, have a floor sloped to a floor drain and have a lockable door.

Spa pool equipment, appurtenances and piping shall meet NSF standards.

The piping system shall have direction of flow arrows indicated on the pipes. A flow diagram of the piping system with operation instructions shall be available on the premises at all times.

Filters are required and shall be capable of maintaining spa pool water clarity under maximum use load conditions.

The spa pool shall have automatic disinfection equipment capable of maintaining a disinfectant residual in the water and be equipped with suitable controls capable of fine feed rate adjustment.

A flow meter shall be installed, according to manufacturers instructions, in the re-circulation system, measure flow in gallons per minute and located so it can be easily read.

(over)

Pressure gauges shall be installed on the inlet and outlet of the filter.

The spa pool shall contain NO wood interior finishes.

Deck surfaces shall be constructed of concrete, nonslip tile or equally impervious material with a smooth, slip-resistant, cleanable surface. Wood decking around spa pools is prohibited.

Spa pools shall be constructed of durable, waterproof materials and designed to withstand all anticipated loading.

A spa pool shall have a two pump recirculation system. One pump to provide the required recirculation of the spa water and one to provide water for hydrotherapy turbulence. The recirculation pump shall have a hair/lint strainer located on the suction side of the pump.

The hydrotherapy pump and air blower in spa pools shall be connected to a maximum 15 minute time switch, located no closer than 10 feet from the spa pool water's edge.

The spa pool shall have no sharp edges or protrusions.

The spa pool shall not be deeper than four (4) feet measured from the water line.

The recirculation system shall be of adequate size to recirculate, filter and disinfect the entire volume of spa pool water in a maximum turnover time of thirty (30) minutes.