HydroMassage Electrical / Installation
Preparation Requirements

Electrical Requirements
Series 340 / 350 Models (*Important- the items below are required for EACH HydroMassage unit).

- Requires a single-phase, dedicated line supplying a voltage within the range of 208-volt to 240-volt power.
  - 30-amp dedicated breaker
  - 30 Amp, 250 volt NEMA L6-30R Locking Receptacle (three prong plug).
  - Requires 10 gauge wire (2 hot legs and a ground*)
- Requires a 110 Volt outlet within 5’ of the center of the HydroMassage bed.
- CAT-5 or CAT-6 terminated network jack (able to connect to front desk PC).

Water Requirements
Distilled water contains no chlorine and is free of minerals and other chemicals that can cause build-up and decrease the life expectancy of key components. Distilled water is available at most major supermarkets or directly from your water supplier (if you have a water delivery service).

Series 340 / 350 Models
- 25 Gallons of Distilled Water

Room Preparation Guidelines
For best results, it is recommended that an A/C thermostat is installed inside the room (or return air vent if practical). For recommended room sizes, please see HydroMassage Zone layout section. If access to the room is difficult (narrow hallways, small doors, tight turns etc.) please sketch a diagram showing key dimensions of doorways, hallways and corners, and forward to your sales representative or order processor. Carpeting underneath the machine will dramatically reduce the noise while the machine is in operation. We also recommend installing the machine at least 15 feet away from the reception or waiting area.

Specifications
94” (239cm) long, 40” (95cm) wide , 27” (69cm) high, Weight: 260lbs (118kg) without water 460lbs (209kg) with 25 gallons (95L) of distilled water.
HydroMassage ~ Electrical Wiring Illustrations
(Drawings not to scale).

View #1: Top-down view of room layout

* Items A, B, and C ONLY to be installed if T-Max Timer will be used.

Unique set of items A, B, C, D, E required FOR EACH HydroMassage bed installed (i.e. must install another set if a second or third bed is to be installed in the same room).

If necessary, location of outlets above may be moved within +/- 5”. Call 1-800-699-1008 for details.
HydroMassage ~ Regulating Usage in the Club

Overview

The HydroMassage beds are set-up to be regulated by the front desk staff. When idle, a message box is displayed on the Touchscreen instructing members to see the front desk to gain access to use HydroMassage.

Options to Control HydroMassage Usage

Option 1: T-Max Wired (Recommended by PF Corporate)
HydroMassage beds are compatible with the T-Max system typically used to control the tanning beds. The T-Max Manager sits at the front desk, and a 3A timer is mounted on the wall next to the HydroMassage bed. PF Corporate recommends using the “wired” T-Max version (instead of the “wireless” version).

For wired T-Max, daisy chain wire from tanning beds through two-gang electrical box. Terminate with two RJ-11s. Repeat for each bed. See Electrical Wiring Instructions.

Option 2: HydroMassage Remote Manager Software (T-Max Alternative)
HydroMassage has proprietary Remote Manager Software, which may be used in lieu of the T-Max manager. This option only requires a CAT5 cable connecting to the bed (no timer is mounted on the wall). The software may be operated from any PC in the club, and a small window pops-up on the desktop allowing staff to control usage of all beds.
HydroMassage ~ HVAC Requirements

(Drawing not to scale)

The following is an HVAC scenario which will eliminate the need for the (additional) external cooling system to be installed in the HydroMassage room. **If for any reason these requirements can’t be met, please call 1-800-699-1008 to discuss an alternate solution (see page 9 for additional details).

**MINIMUM HVAC REQUIREMENTS:**

A. 300 CFM HVAC supply and return per HydroMassage unit (i.e. 900 CFM for room with 3 beds). Additional CFM may be necessary if room is normally warm (ex. clubs in the south, room on west side of building, etc).

**OPTIMAL HVAC SET-UP (In addition to 300 CFM supply and return per bed):**

B. One 200-300 CFM exhaust fan installed above the room, with two separate vents to remove heat.

C. No doors at entrance or exit of room to allow for open airflow through the room.

D. Thermostat installed in room if possible (this is the best case scenario).

---

This is the external cooling system that must also be supplied if the above requirements can’t be met. See page 8 for additional details.
HydroMassage External Cooling System

**This external cooling system is **NOT REQUIRED** if the HVAC Requirements on previous page are able to be met.

Overview / Need for Cooling System:

When HydroMassage beds are installed in a private room **without** a large supply of cold air, an additional external cooling system is required in order for the beds to be operated all day long without any risk of overheating.

System Specifications:

- Dimensions: 21” L x 19” W x 14-1/2 H
- Weight: 75 lbs
- Electrical Supplied from HydroMassage Unit

Room Design Considerations:

The cooling system is connected to the massage bed via one electrical cord and two small ¼” tubes (the tubes enter the unit from the side and need 5” of clearance). This allows for installation of the cooling system in several different locations up to 20’ away from the massage bed including above the room (ceiling), below the room (basement), or in an adjacent room or space.

If the cooling system will be installed directly above the room (suspended in the same manner as an air handler), two ¾ conduits should also be installed for both the tubing and electrical cord; terminating at single gang boxes near the foot end of the bed. Make sure to include pull strings in the conduits.

For liability purposes, HydroMassage technicians are not permitted to install the cooling system above the room. Please contact your general contractor to ensure this is completed properly.

*IMPORTANT: The external cooling system will vibrate very slightly while in use. For this reason, if the cooling system is installed on a platform above the room, it is necessary to secure it to the platform to prevent it from moving and potentially falling (ex. adding a lip around the perimeter of the platform, using straps to secure the cooling system, etc).

Please call the HydroMassage Technical Support department at 1-800-699-1008 x 1013 with any questions concerning the external cooling system.