

Preparatory **PLUMBING** specifications and guidelines



HYDROTONE SUZI™



- The following information is to assist the plumbing contractor in preparation for the delivery and installation of the Hydrotone Suzi™.
- All plumbing work performed **must** be in accordance with local and relevant national codes.

GENERAL DESCRIPTION

The Hydrotone Suzi™ is a stand alone hair wash/scalp treatment system. Two (2) removable panels surround the unit. Remove the front panel to gain access to the plumbing connections underside of the bowl.

A 2" (50mm) clearance between the unit's chassis and the floor allows for ventilation and correct routing of the plumbing away from the metal framework. Metal plumbing components including water supply and drainage pipes **must** not contact the metal support framework as this may interfere with the units GFCI (**Ground Fault Circuit Interrupter**) operation – causing nuisance tripping of the GFCI.

	REQUIREMENTS
Hot and Cold Water Supply: ½" (12mm) Preferred Pressure Supply Range: 43 - 70 psi (300– 500 kpa)	<ul style="list-style-type: none"> • The ½" (12mm) hot and cold lines should exit the floor as shown in the floor plan provided. Install shut-off valves to lines. • Hot and cold water supply lines are to be connected to the ½" (12mm) male unions located directly under the wash bowl. Flexible hook-up lines are recommended. • Ensure that water lines are purged of sand and grit etc... prior to final connection to the unit. In-line hot and cold water strainers are provided on unit and must be cleaned on a regular basis. NOTE: see Clean Water section of Installation Manual. Water softener and purifier may be required in water supply line. • All water supplies to this system must be protected with a RPZ (Reduced Pressure Zone) backflow preventer that complies with the requirements of ASSE 1013.
Water Drainage: 1 ½" (38mm)	<ul style="list-style-type: none"> • A 1 ½" (38mm) drain should be located as shown in the floor plan provided. • The units drain is to be connected to this floor drain. The floor drain should incorporate a trap - the system is not provided with trap. Refer to Plumbing Specifications for further details on drainage connection. • The drain shall be connected using one of the following methods; Waste is connected as an indirect waste to an adjacent floor drain; or waste is connected to the buildings DWV system using a rigid or flexible P Trap.
Water Consumption	<ul style="list-style-type: none"> • Suzi™ has a maximum working capacity of approximately 3.5 gallons (15 litres) per minute when maximum pressure operation of unit is selected. • Assuming a 50/50 mix of hot and cold water, this equates to a Hot water requirement of approximately 1.75 gallons (7.5 litres) per minute. Hot water supply to unit should be approximately 122 F (50 C). • A washing session may be set between 2 – 10 minutes of operation, therefore based upon the number of expected washing sessions daily, an appropriate hot water supply needs to be installed. • A typical rinse, shampoo and condition will take approximately 3 minutes. For extended rinse of processed hair such as colour / perms a 6 – 8 minute session is typical. • On initial daily start-up the on-board hot water tank draws 10 gallons (40 litres) from buildings hot water service.

Manufacturer reserves the right to amend specifications without prior notice.

Updated: 6 December 2004