

# Preparatory **PLUMBING** specifications and guidelines



## HYDROTONE THERMAL LEVELS 1, 2, 3 & 3i



- The following information is to assist the plumbing contractor in preparation for the delivery and installation of the HydroTone Thermal Levels 1, 2, 3 or 3i.
- All plumbing work performed **must** be in accordance with the local and national codes.
- An installation and user guide is supplied with the equipment.

### GENERAL DESCRIPTION

The HydroTone Thermal is a stand alone hydrotherapy tub/capsule. Two removable panels surround the tub. Remove the panels to gain access to the plumbing connections under the tub.

|                                       | REQUIREMENTS   |
|---------------------------------------|--|
| Hot and Cold Water Supply – ¾" (19mm) | <ul style="list-style-type: none"> <li>• ¾" (19mm) hot and cold lines should exit the floor as shown in the floor plan provided.</li> <li>• Hot and cold water supply lines are to be connected to the ¾" (19mm) female unions provided underside of the tub. Fit shut-off valves in water supply lines to the tub.</li> <li>• A 2" (50mm) clearance between the tub chassis and the floor is allowed for in the tub's design. The clearance allows for the correct routing of the water supply lines. <b>No metal pipe or fittings must contact the tubs metal framework</b></li> <li>• Ensure water lines are purged of sand and grit etc... prior to final connection to the unit.</li> <li>• It is recommended that ¾" (19mm) true-flow in-line serviceable water strainers be fitted.</li> </ul>                                |
| Operating Hot Water Supply            | <ul style="list-style-type: none"> <li>• An operating <b>Hot</b> water supply temperature of between 122°F (50°C) and 140°F (60°C) is required.</li> </ul>   |
| Water Drainage – 2" (50mm)            | <ul style="list-style-type: none"> <li>• A 2" (50mm) drain should be located as shown in the floor plan provided.</li> <li>• The tubs 1 ½" (38mm) drain is to be connected to this floor drain.</li> <li>• An additional floor drain is required in the room to cater for drainage of the floor in the event that flooding occurs.</li> </ul>  |
| Operating Pressure                    | <ul style="list-style-type: none"> <li>• An operating water pressure between 43.5 PSI and 145 PSI max is required.</li> <li>• For optimum shower performance a pressure of approximately 60-70 PSI is recommended.</li> </ul>  |
| Water Consumption                     | <ul style="list-style-type: none"> <li>• The HydroTone Thermal has a <b>steam/shower</b> system that utilises approximately 66 gallons (250 litres) of water per 30 minute treatment.</li> <li>• Assume 45 gallons (170 litres) of this to be <b>Hot</b> water.</li> <li>• Based upon the expected number of treatments daily an appropriate hot water supply needs to be installed.</li> <li>• The HydroTone Thermal <b>tub</b> has a working capacity of approximately 55 gallons (200 litres) Assuming a 50/50 mix of hot and cold waters, this equates to approximately 27.5 gallons (100 litres) of hot water per tub treatment.</li> <li>• The <b>steam/shower</b> system and the <b>tub</b> are used as separate treatments.</li> <li>• <b>NOTE:</b> Water consumption is based upon HydroCo treatment procedures.</li> </ul> |

*Manufacturer reserves the right to amend specifications without prior notice*

**Updated: 20 October 2004**