



## **ROMA STEAM ROOM INSTALLATION SITE REQUIREMENTS**

In order to avoid either installation or running problems, the following site requirements must be followed.

### **SPACE**

The steam room is assembled from prefabricated wall and ceiling panels which are fixed together from the outside. An area of approx. 1m is required all round the steam room for assembly. Once complete, the cabin is moved into position before being sealed in place.

### **FLOOR**

A water impervious floor covering falling to a central drain should be laid prior to assembly of the steam room. The floor must be laid with a continuous fall of 1:50 from outside the base frame to the drain, such that the base frame sits on the fall. The floor surface should be free from excessive bumps or ridges which may prevent a bond being made between the base frame and the floor.

The steam room sits on an anodised aluminium base frame with outside dimensions equivalent to the overall dimensions of the steam room. Although the floor should fall to the central drain from outside the base frame, the steam room needs to sit level. Therefore, from one side to the other the floor should be level - not flat, level! Please feel free to contact Helo on 01342-300555 if clarification is required.

### **VENTILATION**

The steam room is supplied with an adjustable vent outlet which is fitted centrally in the steam room ceiling, and attached to a 3m length of flexible ducting (internal diameter 100mm). This will need to be connected by you to a suitable ventilation system. The steam room will vent naturally due to convection, however if there is any possibility of restricted flow or back pressure, it may be necessary to install an in-line fan capable of handling 6 air changes an hour.

### **PLANT ROOM**

The steam generator and associated plant is located remote to the steam room. If the steam room is being used by the public, it is recommended that the plant is located in a secure area. Ideally, the plant room should be located no more than 5m from the steam room - if this is not possible, please contact Helo on 01342-300555 for advice.

The plant room layout is detailed in the attached diagram. Electrical, water supply and drainage must be installed according to the plant room diagram before the scheduled installation date.

The plant room should be accessible for maintenance and servicing.

### **STEAM SUPPLY LINE**

Steam is piped from the generator to the steam room in 22mm copper piping. The pipes should be lagged to avoid condensation. It is imperative to avoid a trap in the steam pipe, as any condensation will collect at this point. Pipe work is only supplied if the installation is being carried out by a Helo team.

### **TEMPERATURE SENSOR / THERMOSTATIC CONTROL**

In commercial installations, the thermostatic control is mounted in the plant room. A temperature sensor cable runs from the generator in the plant room to the steam room. The sensor should be mounted at chest / head height when seated in a panel at the rear of the steam room, away from the door.

In domestic installations, the thermostatic control is mounted in the steam room to allow users to set and monitor the temperature. Cables will run from the generator to the control.

### **NON-COMPLIANCE**

If non-compliance with any of the above results in installation delays, an additional charge may be made.

**Please complete and sign this sheet in order to confirm compliance.**

**For further assistance call the Helo Technical Support Line on 01342 300555.**

**Name**

**Position**

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**Date**

**Signature**

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