Preparing for your Steam Room . . .

Some key points to consider:

Floor Waste/Drain: A steam room is a wet room environment and as such a floor waste/drain is an essential item in a steam room.

Ceiling Height: To enjoy the benefits of the steam and for operational efficiency, it is usually recommended that a steam room ceiling be no higher than 2200mm. It is also recommended that the ceiling be sloped (min 1:60) or curved to reduce uncomfortable drips on the end users.

Waterproofing: Complete room must be waterproofed with materials suitable for a steam room environment, standard waterproofing is insufficient for this purpose.

This is a **CRITICAL** component of a steam room build and professionals should be engaged to undertake these works using appropriate steam room materials.

Tiled Floor: The most common flooring used in a steam room is a non-slip tile.

Steam Room Doors: Must open outwards and have no latches or locks A door closer or self-closing hinges can be installed to contain the steam. Doors in a residential home are commonly frameless glass with a maximum 3mm gap top and sides. Commercial doors are usually aluminium framed glass doors closing into an aluminium jamb.

Wall Finishes: Light tiles such as glass mosaics are the most common finish in a steam room. However, glass, aluminium sheet, stone etc can also be used. It should be noted that heavy surface materials such as stone, marble etc. increase the thermal mass of the room, are difficult to heat and reduce the operating efficiency of the steam room. Allowance needs to be made for the finishes when calculating the size of generator required.

Grout: An epoxy based grout or similar product must be used in a steam room to ensure the integrity and longevity of the room. Standard grout products are not suitable for steam room use and will fail within a short period of time.

Exhaust fan: If using an exhaust fan in a steam shower/steam room it is recommended the fan have either a damper or baffle in the ducting or a closing vent/grill so when using as a steam room the duct is closed. Any ducting should have a smooth finish and fall to avoid creating a trap for water to pool. We do not recommend exhaust fans inside steam rooms rather locate them outside the doorway.

SAWO steam generator location: Steam generator can be located up to a maximum of 7.5m from steam room outlet in the room. Common locations are nearby plant room, laundry, ceiling space, under floor or outside wall (if installed outside a waterproof cover with adequate ventilation will be required to ensure the unit does not get wet).

Generator must be accessible and minimum clearance guidelines must be followed to allow for servicing when required.

Services required at SAWO steam generator location: Cold water feed with stop tap, drain/tundish to withstand 80-90 degree water, over pressure drain and power supply with isolator directly connected to the switchboard.

Steam generator to steam room: ¾ inch lagged copper steam pipe from generator location to supplied stainless steel steam outlet inside the room. Steam outlet is positioned 300mm above finished floor and away from bathers feet. Steam pipe must have no traps along the line. 2 x steam outlets are supplied with 9-15kW generators.

Supplied SAWO thermostat sensor situated 1.5m above finished floor and away from steam outlet.

Control Panel: Supplied Classic control panel is located outside the steam room and is connected to generator with supplied RJ cable. Upgrade to touch screen control panel is available.

Power Supply: Steam generators are hard wired and require a dedicated circuit from the switchboard with an isolator located near the generator.

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