i-sopod

i-sopod Ideal i-sopod room design.

The following components form the best environment for the i-sopod floatation tank.

- **Location:** The best room to locate your i-sopod float tank should be free of noise and vibration and without windows.

- **Room size:** A room size of 4m x 3m will provide enough room for the i-sopod, a shower and a changing area.

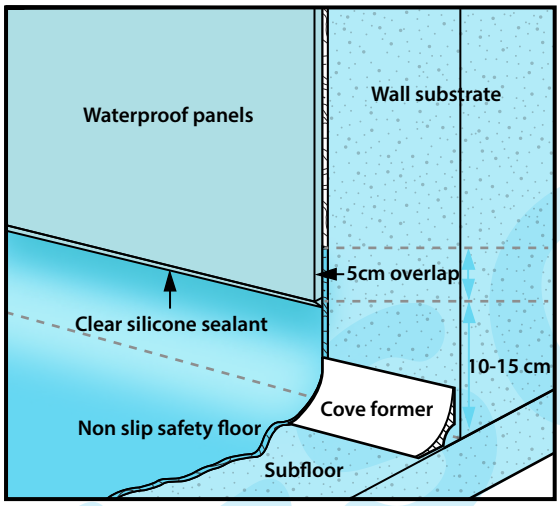
The i-sopod can be installed in to smaller rooms – please feel free to email us your drawings and plans

We recommend that hair drying facilities and mirrors are located elsewhere as this will allow for the float room to be speedily vacated in preparation for the next customer. A ceiling height of 2.5m will comfortably provide enough space for the i-sopod door to open. A larger room will give a greater degree of client comfort and will allow for the stylish design of the i-sopod to be fully appreciated.

- **Non-slip flooring:** To meet Health & Safety requirements a seamless slip resistant vinyl flooring covering offers the safest option. Vinyl floors can be laid up the wall – with wall panels or tiles laid over the top.

We recommend: Altro Flooring or ECO surfaces.

Over lap Joint



If tiles are to be used you will need to make sure the fitter is aware of the harsh nature of the Epsom salt, with waterproof grout and waterproof adhesive the best option – again the tiles should have a non slip property.

- **Flooring Note*:** We do not recommend carpets in nearby corridors to your float rooms as salt will very quickly get in and cause damage.

- **Walls:** Again something to stand up to the corrosive nature of the Epsom salts. We recommend Plas-Tex water-proof wall panels from Park Land Plastics. Again if tiles are to be used you will need to make sure the fitter is aware of the harsh nature of the Epsom salt, with waterproof grout and waterproof adhevsive the best option.

- **The room:** Should be self-contained and include a shower, a changing area, a shelf for valuables and seating.

- **Shower**: Power showers offer the best solution to help your customers wash the salt from their hair and bodies quickly.

- **Door:** We recommend that a door closer and door brushes / seals are used to make the door close more softly and to reduces noise from outside the room. The wood of the door frame and the bottom of the door should be painted and sealed to prevent water and salt penetrating.

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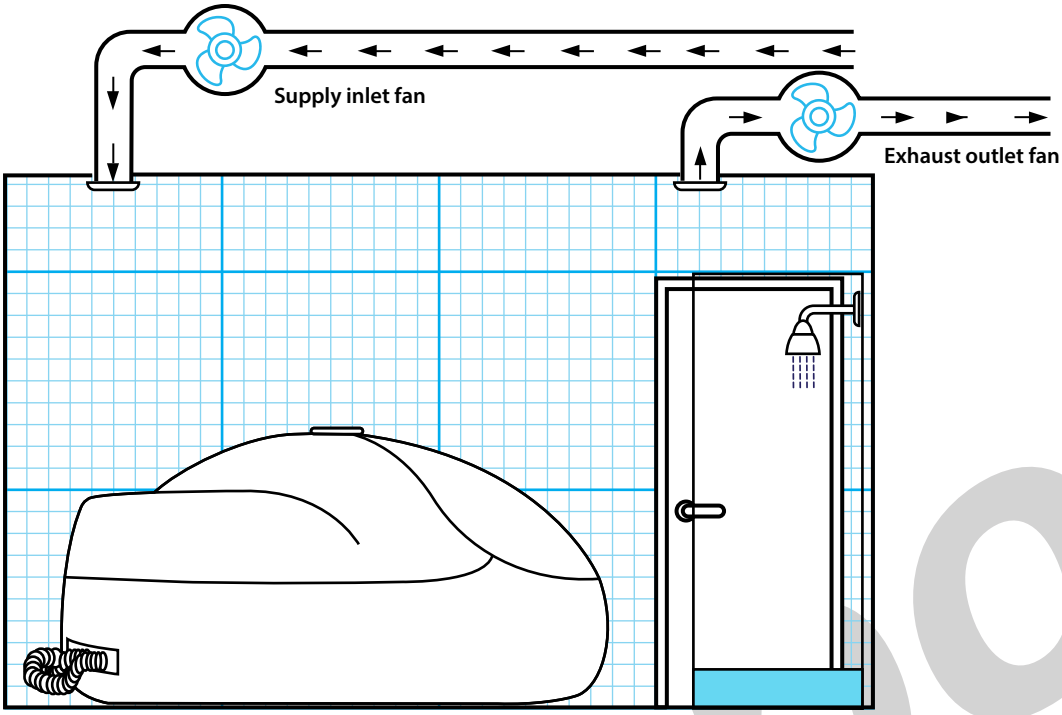
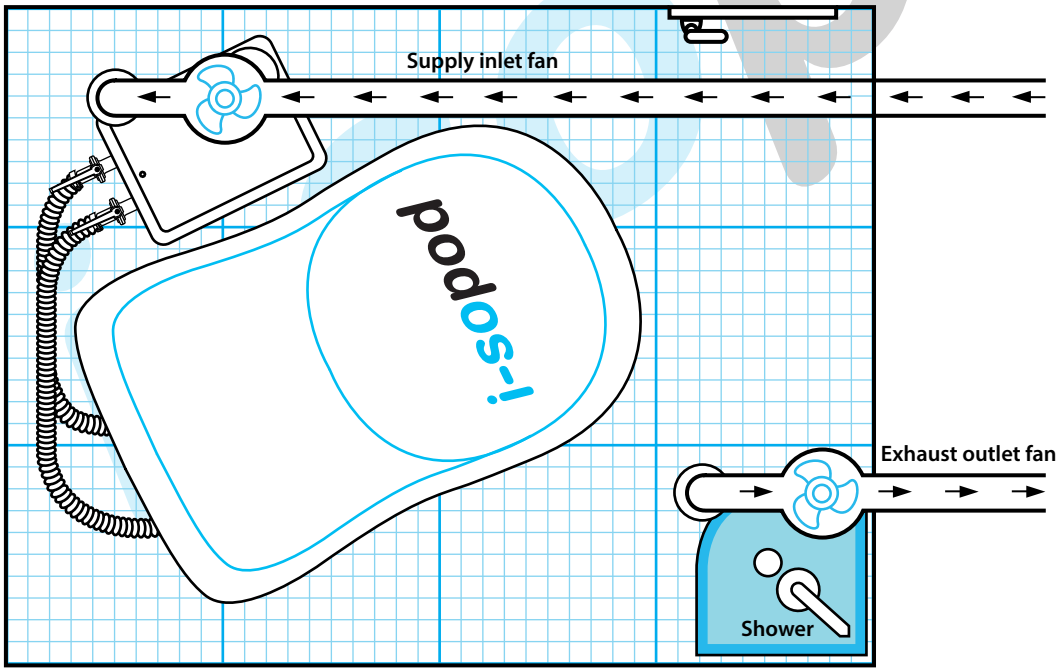
- **Ventilation:** The room requires a mechanical system to supply new fresh air (in) and remove foul air and condensation (out) . The air supply fan (in) and exhaust fan (out) should be located at opposite corners of the room.





- **HVAC:** In warmer climates an air conditioning system will also be a consideration, as will a heating system for float tanks located in cooler climates.

  When installing air-conditioning please make sure that no cold air is directly blown on to the pod as this will create condensation issues.

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- ***NOTE*** all fans and air-conditioning should be whisper quiet so as not to create any noise that could disturb your customers whilst they are floating. You should also pay attention to any noise that might travel from outside / the street in to your rooms through ducting – this is rectifiable by making sure ducting is baffled.

- **Temperature:** An ideal ambient room temperature for optimum client comfort should be adjustable and anything between 22 to 26° centigrade. Adjustable room temperature is recommended as fine adjustments can help to diminish the chance of condensation inside the pod.

- **Electrical supply:** A 220v - 240v 13 amp water proof electrical outlet, located to the rear of where your i-sopod is to be located. Ideally 1m from the floor. Connected to a residual current device (RCD) also known as a ground fault circuit Interrupter (GFCI)/Ground Fault Interrupter (GFI). It is often a good idea to make sure the pod is on its own electrical circuit.

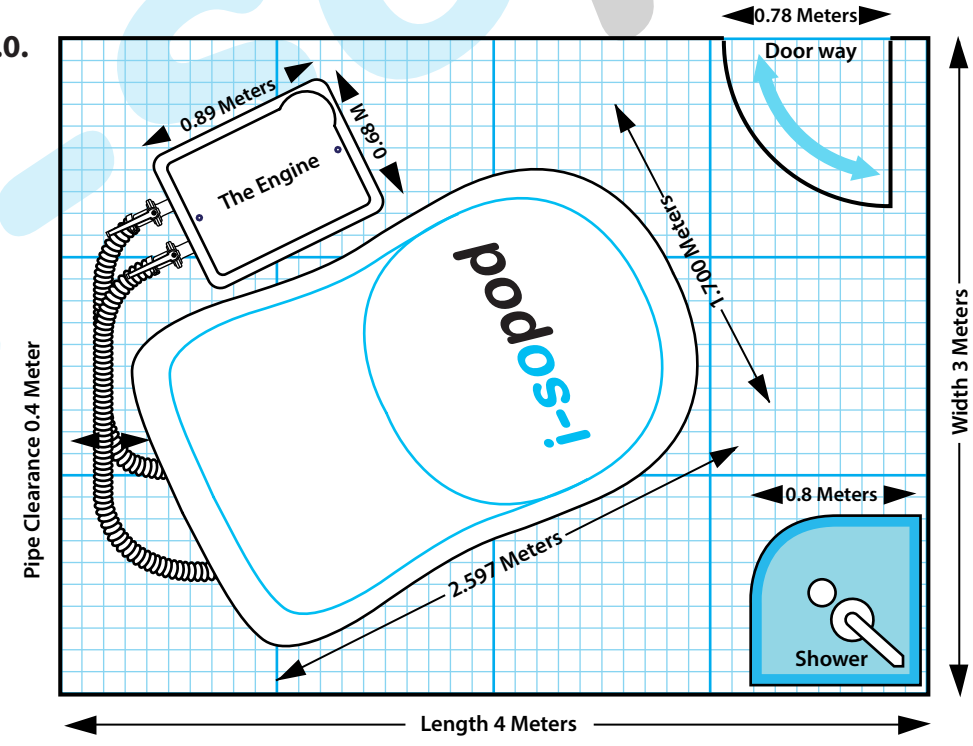
- **Remote control:** The i-sopod is controlled via a remote control unit, which controls the interior lights, temperature, filtration, session length, MP3 music and attendant call. The remote should be located at the reception area of a commercial application with the attendant call facility always within earshot of staff members.

- **Lighting:** Room lighting is ideally switched via a passive infrared (PIR) sensor, so when the customer is in the room the lighting is on and when they go in to the pod the lighting switches off – PIR sensors can be purchased with an adjustable time delay, so once the customer is in the pod the room lights will go off after a predetermined time of say 5 minutes.

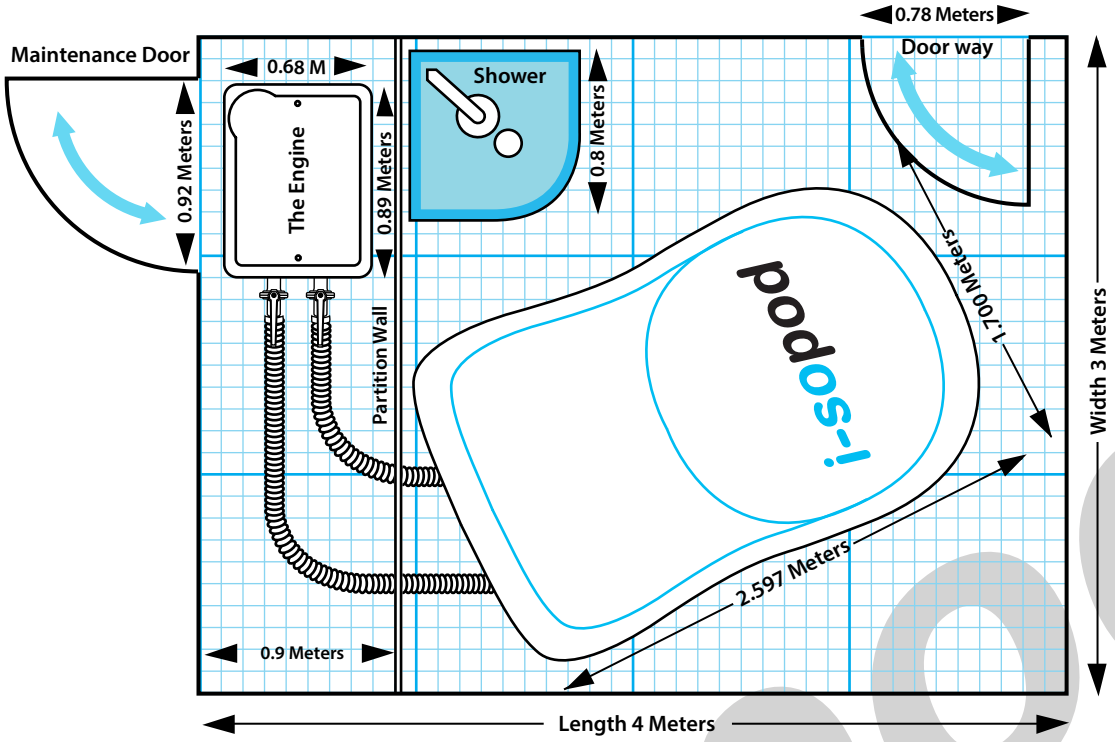
  Subdued lighting for your room can help to create an inviting and relaxing atmosphere

  We recommend having a second (brighter) cleaning lighting circuit in the room, so this can be switched on by your staff to facilitate cleaning between sessions. Again this lighting circuit should be timed so it switches off automatically – so after the customer vacates the float room staff can then hit the switch, run in to the float room to conduct cleaning and then the lighting automatically switches off.

Room Plan 1.0.

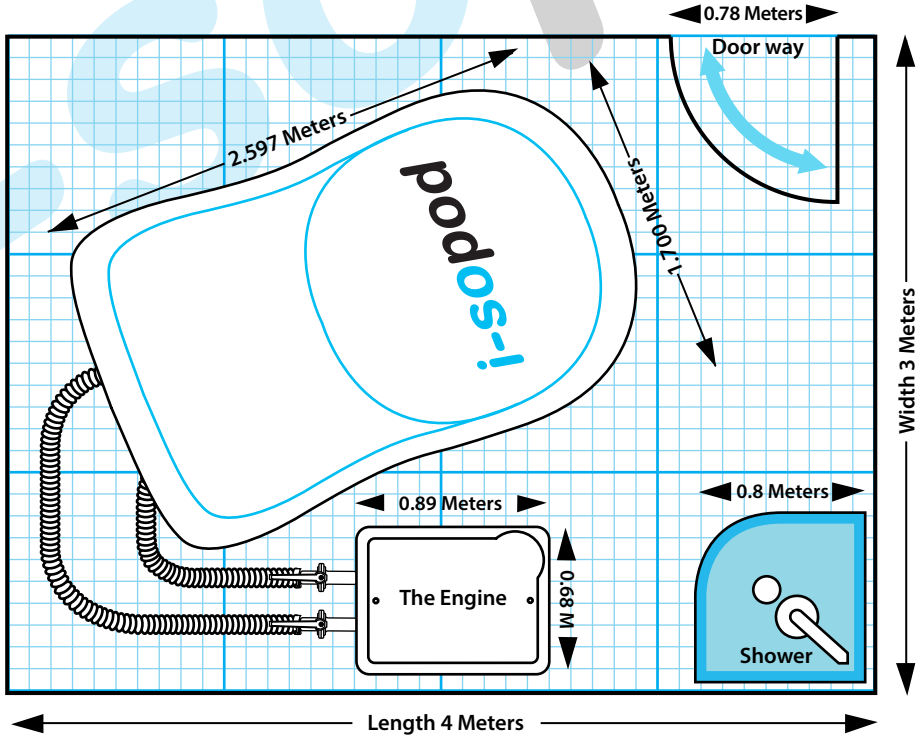


Room Plan 1.1.



See page 7 for more flexible hose through wall information.

Room Plan 1.2.



- **Over all Tank Size:**

Length = 2.597 m
Width = Width = 1.70 m
Height = Height = 1.30 m

Made up of three pieces – with the largest piece being:

- **C** 0.731 m x 2.597 m x 1.70 m

Weights Metric.

A **Door:** 30 kg.

B **Top:** 50 kg.

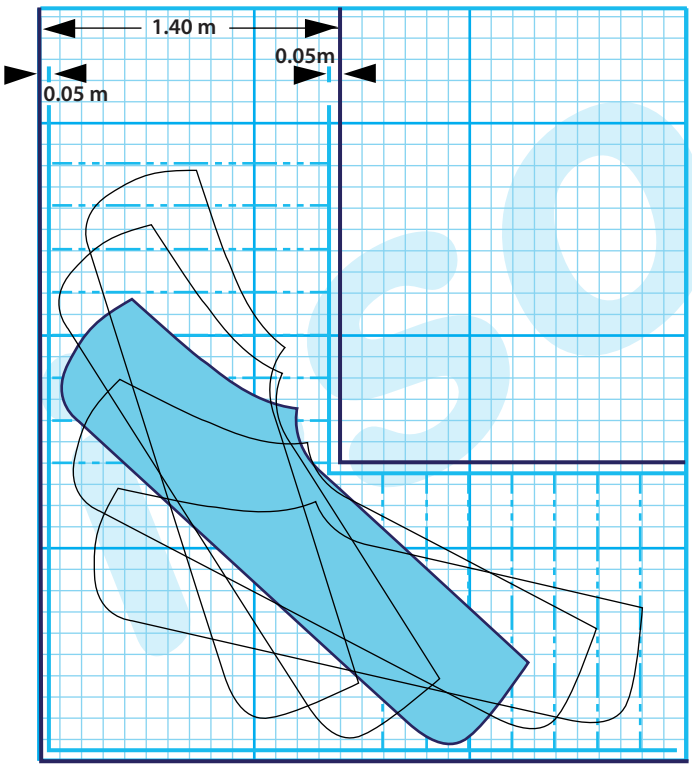
C **Base:** Base 130 kg.

Salt 22 bags = 550 kg.

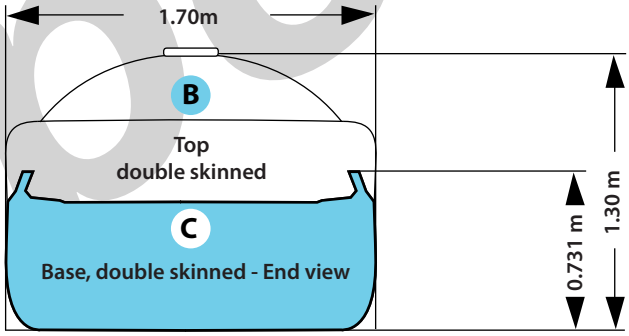
***Total weight of tank, water and salt 1500 Kg.**

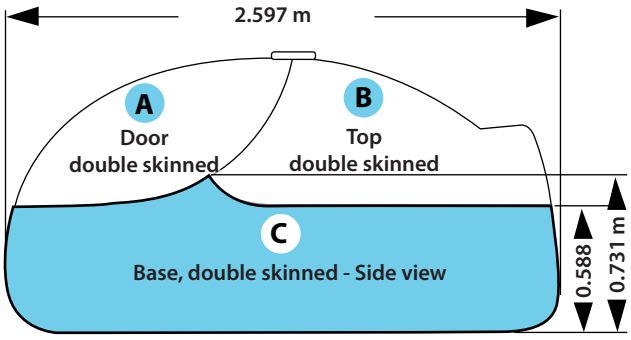
When designing and building the rooms to house the i-sopod, please ensure that the i-sopod can fit through all doorways and corridors etc., we always recommend that this access document is shown to your designer / architect.

Base Mould Access on 1400 mm Stair Corner



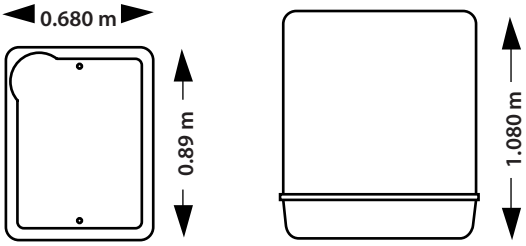
• Tank Dimensions





The Engine Dimensions

Length= 0.89 m
Width= 0.68 m
Height= 1.080 m



Two cables are required to be integrated into the float room in preparation for the pod installation.

- **1 x CAT5 data cable for remote control**
- **1 x 4 core alarm cable for PIR sensor**

The CAT5 data cable should run from the remote control location e.g. reception area to the engine location.

Leave 5m of cable spare at both the remote location and the engine location ready for the pod install.

Ideal positioning for the remote is 1.5m up from floor level.

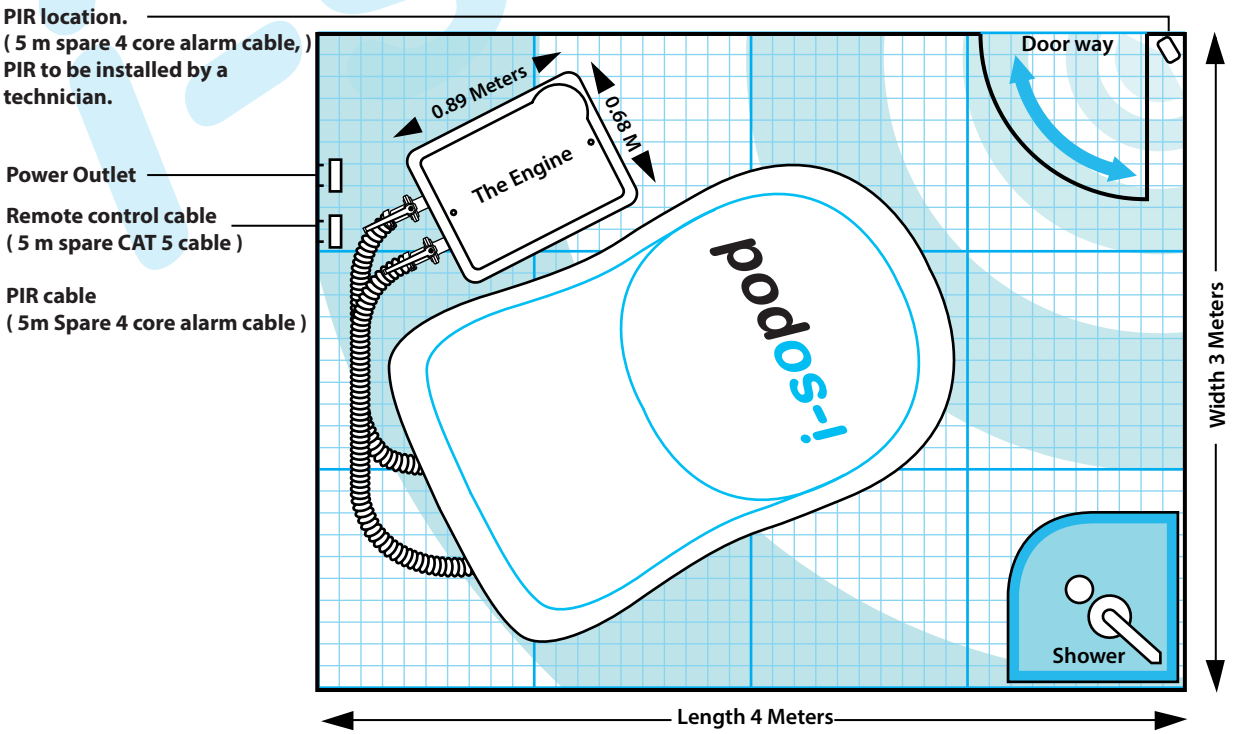
The 4 core alarm cable should run from the PIR location e.g. corner of the room where maximum activity can be scanned by the sensor.

Movement / nonmovement in the float room is represented on the remote control.

Leave 5m of cable spare at both the PIR location and the engine location ready for the pod install.

At the engine location you will have:

- **Mains Power Outlet (IP Rated Socket / Fused Switch)**
- **5m CAT5 Data Cable for remote**
- **5m Alarm Cable for PIR**



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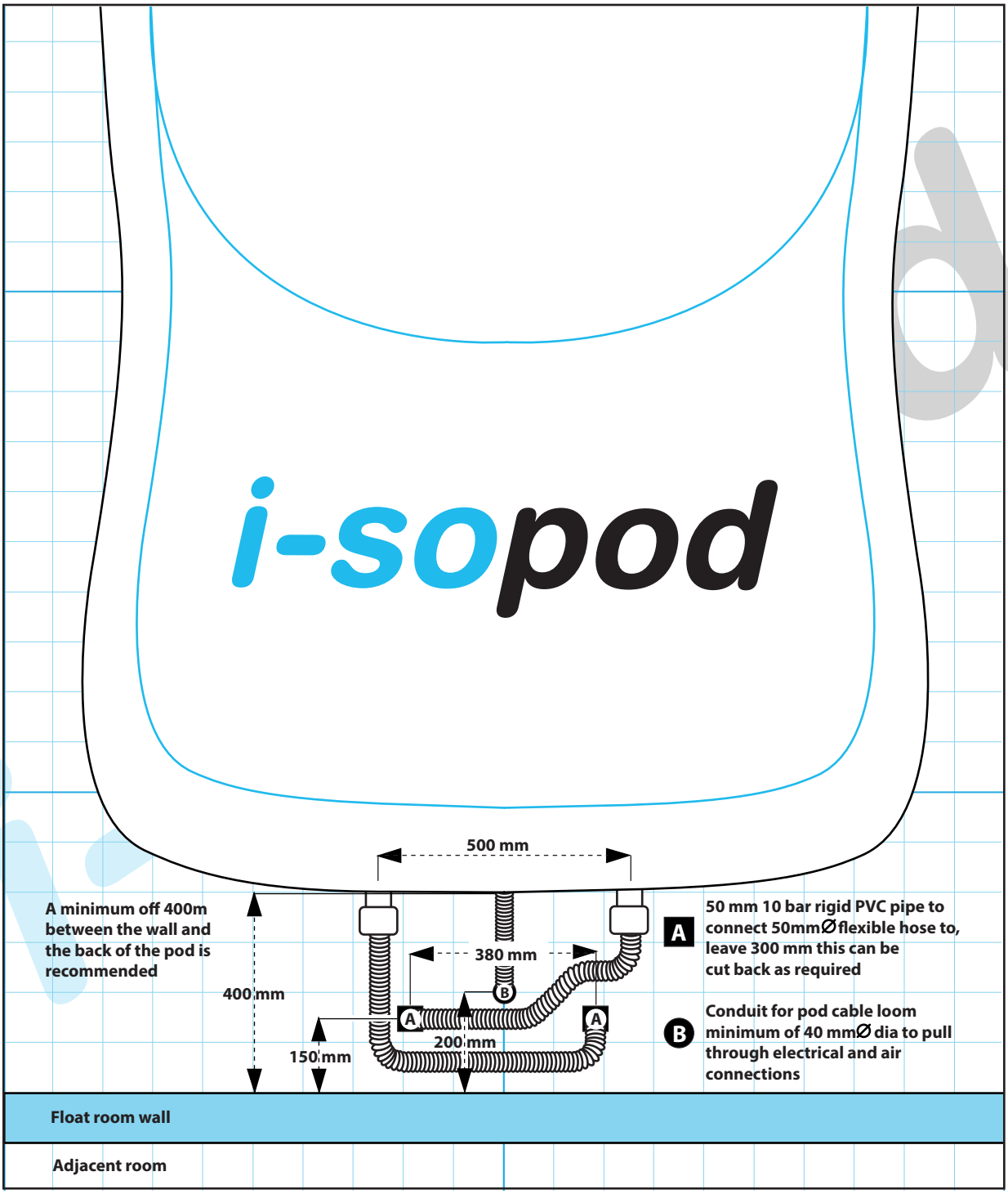
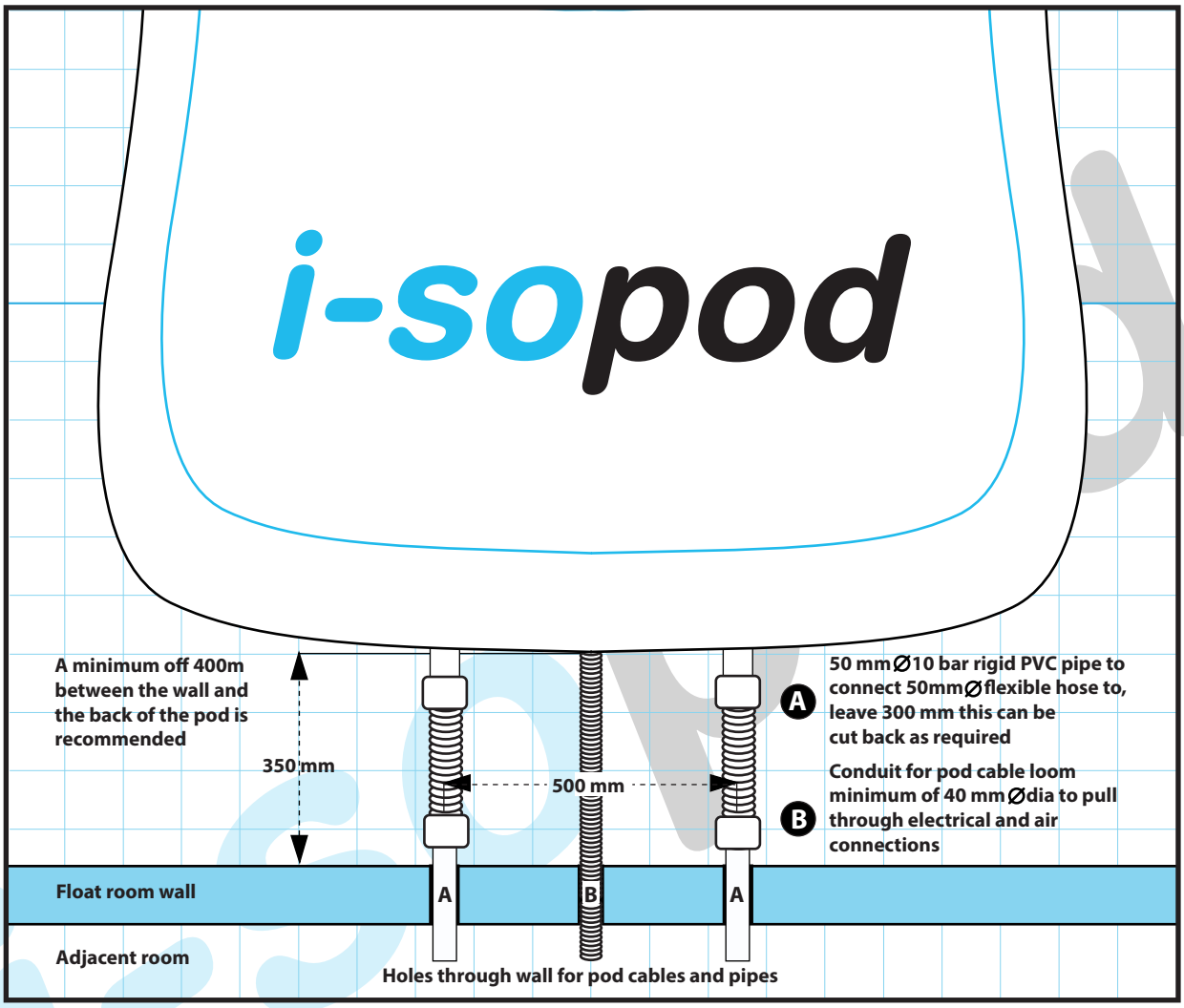
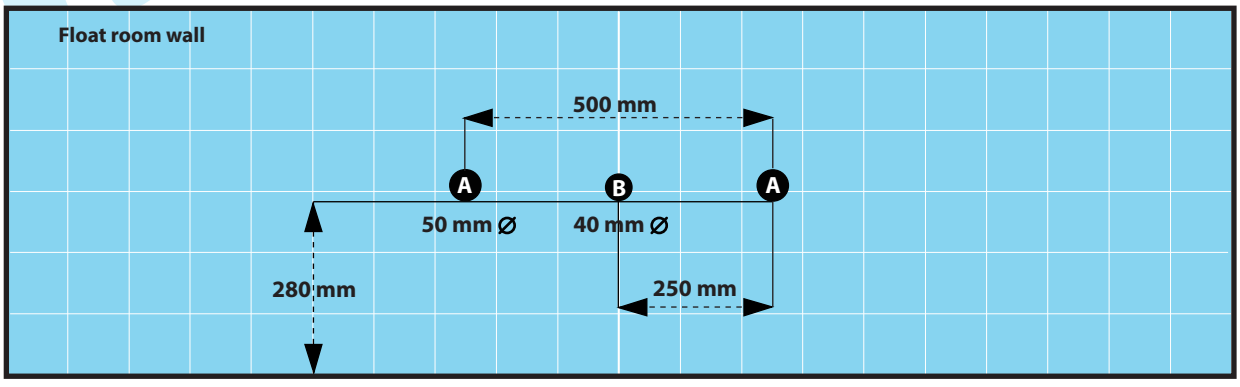
Case 1 - Pod and pump engine connected with rigid PVC pipe under the floor.



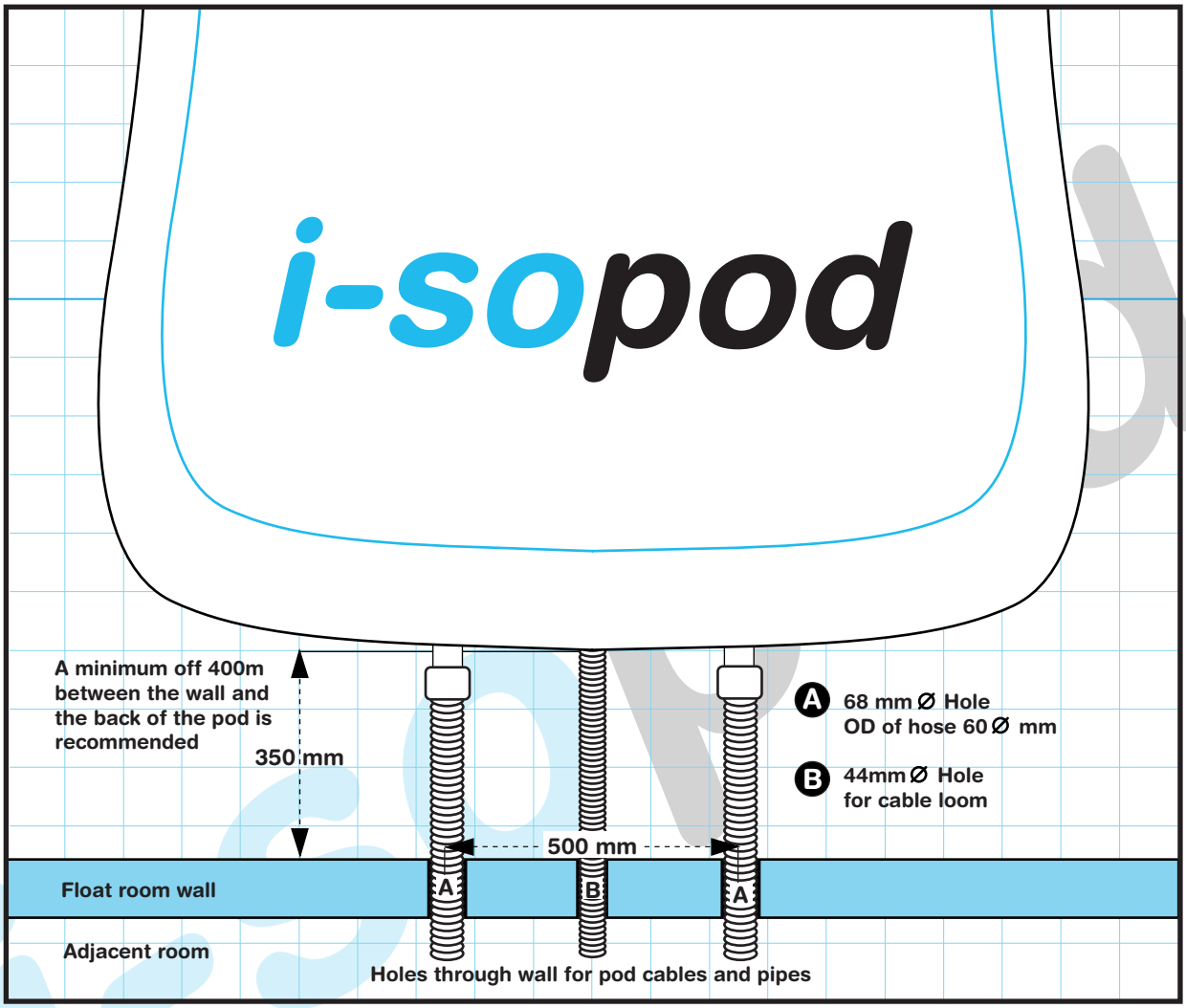
- **Note: Flexible hoses are routed as above due to the bend radius of the PVC hose.**

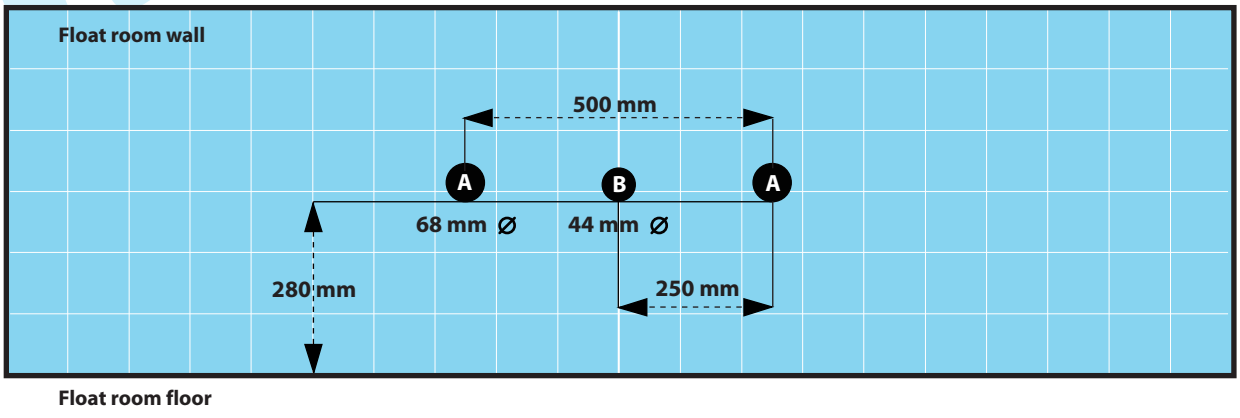
Case 2 - Pod and pump engine connected with rigid pipe through wall.

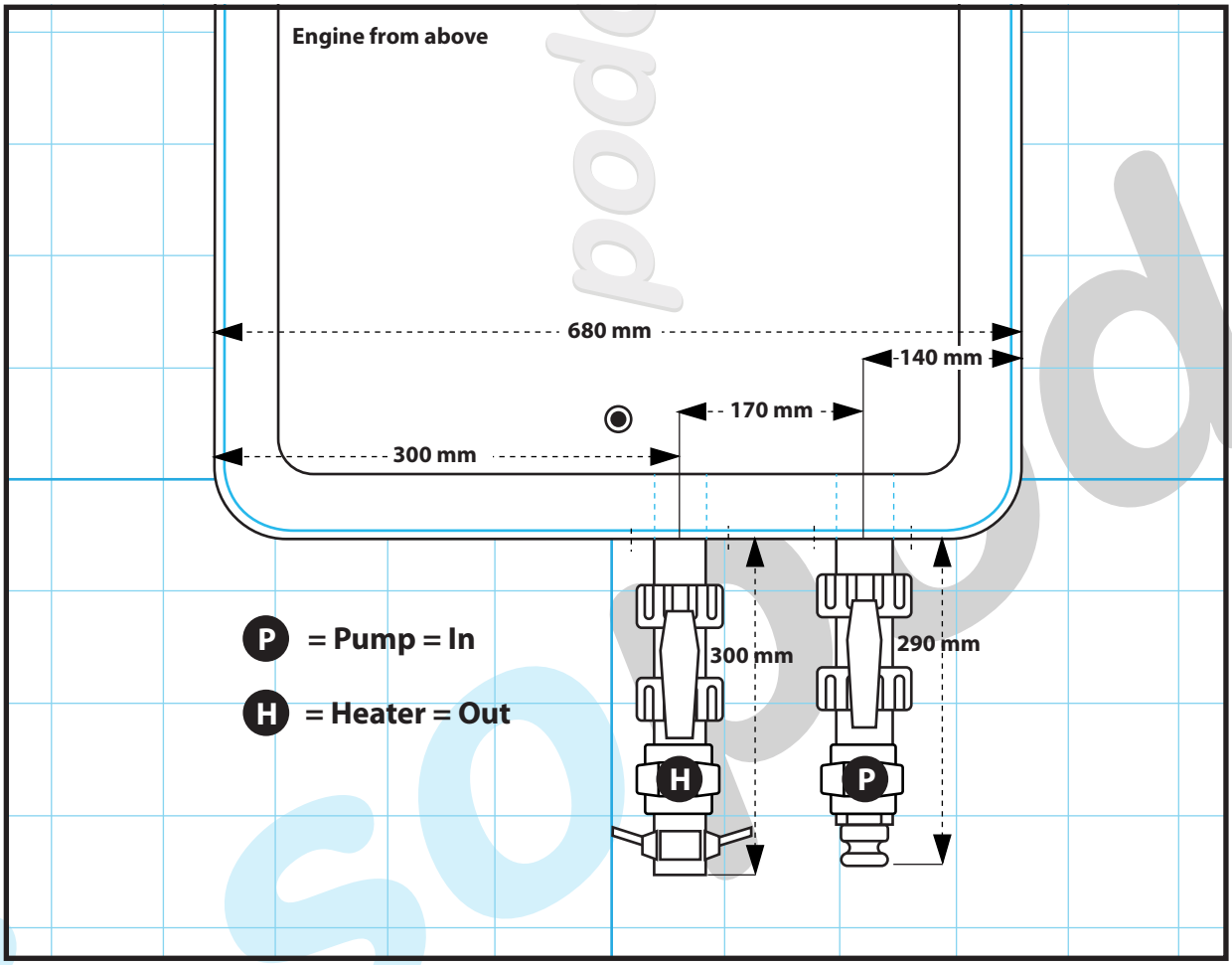


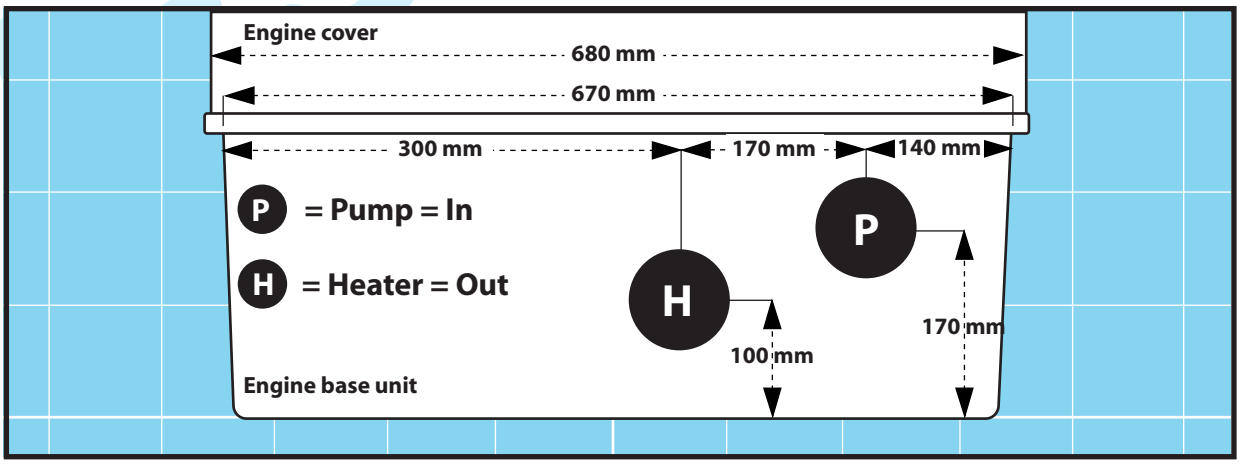


Case 3 - Pod and pump engine connected with flexible hose through wall.






Engine from above
680 mm
140 mm
170 mm
300 mm
P = Pump = In
H = Heater = Out
300 mm
290 mm
H
P


Engine cover
680 mm
670 mm
300 mm
170 mm
140 mm
P = Pump = In
H = Heater = Out
P
H
170 mm
100 mm
Engine base unit

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