

Hi Simon,

Please find below some additional information from the swimming pool supplier and my client.

Regards

Paul

The readings taken were static with a windshield at approx. 1m from ground level.

There will only be one unit in there, the Delta 4, which will do the heating, dehumidification and air handling. The Variheat was just the other option to the Delta, not to have both. I did go through this with a couple of people at the planning office/environmental office.

We have spoken to an acoustics company reference the noise levels emanating from the Delta 4 Calorex unit and can advise as follows: By installing 1200 long attenuators in the FRESH AIR IN/EXH OUT duct runs within the plantroom to the plantroom external wall louvres, we would obtain a noise level of between NR30 and NR35 at 3M distance from these louvres.

The internal restating machinery in the delta (i.e. Fans and compressors) are built with anti-vibration mountings already so no external anti vibration pads are required. You may however mount the unit on Tico pads or similar if you wish to achieve additional vibration isolation.

The fans run 24 hours per day, but the speed of the fans changes according to the load. The compressors cut in and out according to the humidity demand, and generally only run when the pool cover is removed.

Regarding the filtration unit I have added the attached image showing the thinsulate within the technical compartment within the filtration unit built into the pool structure. This detail can go in along with the pool plans, showing the location of the filtration units next to the pool walls.

I hope this gives you everything you need? Let me know if you need anything else.

Kind regards

Andy