



Why is it Important to Have an Operational Flow Meter

The Flow of the Swimming Pool Water is calculated to ensure that there is an appropriate turnover of water and good mixing of water in the pool.

Flow meters should be installed and operational to prove this calculated flow and confirm that the turnover of the pool is correct as recommend by The PWTAG Codes of Practice. If there is no flow meter or the current unit is faulty then new Flow Meters can be retro fitted to ensure accurate flow rates.”

What is the Turnover Period (in Hours) for your pool?

That is the length of time it takes the **total** pool water volume to go from pool to plant room and round the pool again. For example, in a general use a 25m pool it takes 2.5 to 3 hours for all the water to pass through the filters, as recommended by PWTAG.

Calculate from:-

Water volume m³

Circulation rate m³/h

Water volume = L x W x D of the Pool e.g. 25m x 12m x 1.5m average depth = 450m³

Circulation rate (take details from manufactures plate on pump) e.g. 150m³ per hr.

Therefore Turnover period = $\frac{450}{150} = 3$ hours

150

Do you the Pool Operator or Duty Manager understand the turn over period?

Each Pool Operator and Duty Manager should be able to describe the Pool turnover period of their pool(s) and the importance of the Turnover period in relation to actions following a runny faecal incident (with medium rate filters).

N.B. for runny stools the pool water should be allowed to filter **for 6 turnover periods**. In most cases, this will mean closure for over 12 hours. If the Flow Meter is not operational or in some cases not installed how can you the Pool operator be sure that the 6 turnover period has been achieved before returning the Pool to an operational state for Public use?

So it is very important that your Flow Meter is fully operational to ensure that YOU KNOW what your pool turnover period is, rather than just using installation documents or guessing.

To have a free detailed site survey and to discuss this further please contact Karen on 01246857000 option 2, or just reply to this email

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