

LFC - A revolutionary new valve for measuring low water flow



Floquip Valves of South Africa specializes in the supply of valves for water, Sewage, and Mining industries for pressure up to 250 bars, with its many years of combined experience it has developed a reputation for expert solutions in pumping and piping systems, while optimizing pipeline operation and minimizing waterhammer.

All water meters can measure water flow, but when it comes to slow leaks in the faucet they are simply not efficient enough. A faucet dripping at 4 liters per hour will not show up on the water meter, as though there was no water flow at all. Even brand new meters are unable to measure very low flow rates, and over time, friction and accumulated lime and debris further reduce their sensitivity and overall performance.

The unmeasured flow (leak), continuing undetected for 24 hours a day, 7 days a week, could account for almost 20% of household water consumption, and an average of about 10% in general.

The revolutionary Low Flow Control valve (LFC), developed by Floquip in association with **Arabco Group**, has been designed to solve this problem.

Operating as an add-on to existing water distribution systems, the LFC can be installed before or after the water meter, enabling it to read low flow leakage. It does so by batching the water, that is enabling water to flow only at a rate that can activate the measuring device, thus ensuring not only that the total consumption by households is accounted for, but also cutting down on the substantial costs associated with looking for leaks that do not actually exist.

It is a known fact that water is a precious natural commodity that deserves to be looked after, especially in the Arab World and the Middle East. The LFC is surely a breakthrough in water preservation technology, it is efficient and maintenance free.

Arabco provides customers and potential users of LFC's with the adequate information and services they require concerning the product. ■

تنخفض فعالية عدادات المياه عندما يتعلق الأمر بالتسريبات البيئية والصغيرة التي تحصل على مستوى الحنفيات. تقدم اليوم شركة Floquip Valves الجنوب أفريقية بالتعاون مع Arabco Group نظاماً ثورياً يتمثل بصمام Low Flow Control يتم تركيبه قبل أو بعد عداد المياه ليساعد في الكشف عن التسريبات البيئية الدقيق.

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PVC-PP-PVDF valves made of high-class components from our own development and manufacturing! For Water Treatment, Desalination, RO, Irrigation, Chemical Plant Construction, Fountain & poolindustry, ...

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