

Havering gets Plumbing Centre of Excellence

CIPHE and SoPHE joint venture will enhance college NVQs

A Plumbing Centre of Excellence (PCE) has opened at Havering College, east London, in an initiative developed by the Chartered Institute of Public Heating Engineers (CIPHE) and CIBSE's Society of Public Health Engineering (SoPHE) Contractors group.

The PCE will enhance the Plumbing NVQ level 1, 2 and 3 syllabus, and aims to offer opportunities for plumbing trainees and apprentices to develop further their technical skills, knowledge and career aspirations.

Accredited CPD lectures using SoPHE and CIPHE industrial associate resources will support the NVQ syllabus and are also



Steve Vaughan: initiative will cover water conservation, energy efficiency and environmental issues such as flooding

designed to be suitable for college staff.

Steve Vaughan, regional director at Aecom, and immediate past chair of SoPHE, said: 'The training programme will enhance and provide clear career progression opportunities for aspiring plumbing trainees and apprentices.'

Xylem offers virtual reality tour of pump station layouts



Xylem has created simulations of its 3D CAD models to allow customers to explore various pump station layouts using virtual reality (VR) glasses.

The Swedish water solutions firm is aiming to roll the project out to other offices beyond its Stockholm HQ, including those in the UK and Ireland.

Xylem's Sundbyberg office team developed a virtual model of a pump station by transferring existing product data into gaming software to develop a VR scene.

The company said it was exploring the feasibility of using computational fluid dynamics to simulate the water in pumps as part of an enhanced VR model. The plan is also to roll out the VR experience to smartphones as well as VR devices.

Pump comes with carbon filter

The latest version of DrainMinor water pumping system from Pump Technology now features a built-in carbon filter.

The self-contained, fully automatic, system, is suitable for domestic and commercial installations where gravity drainage is not possible.

It will pump wastewater from locations such as sinks, wash basins, domestic dishwashers and washing machines.

The carbon filter, which is incorporated into the lid, means a separate vent pipe is no longer required, allowing it to fit into tighter spaces, says the company.

The tank is manufactured from recyclable polypropylene, and can be customised to suit installation pipe layouts.

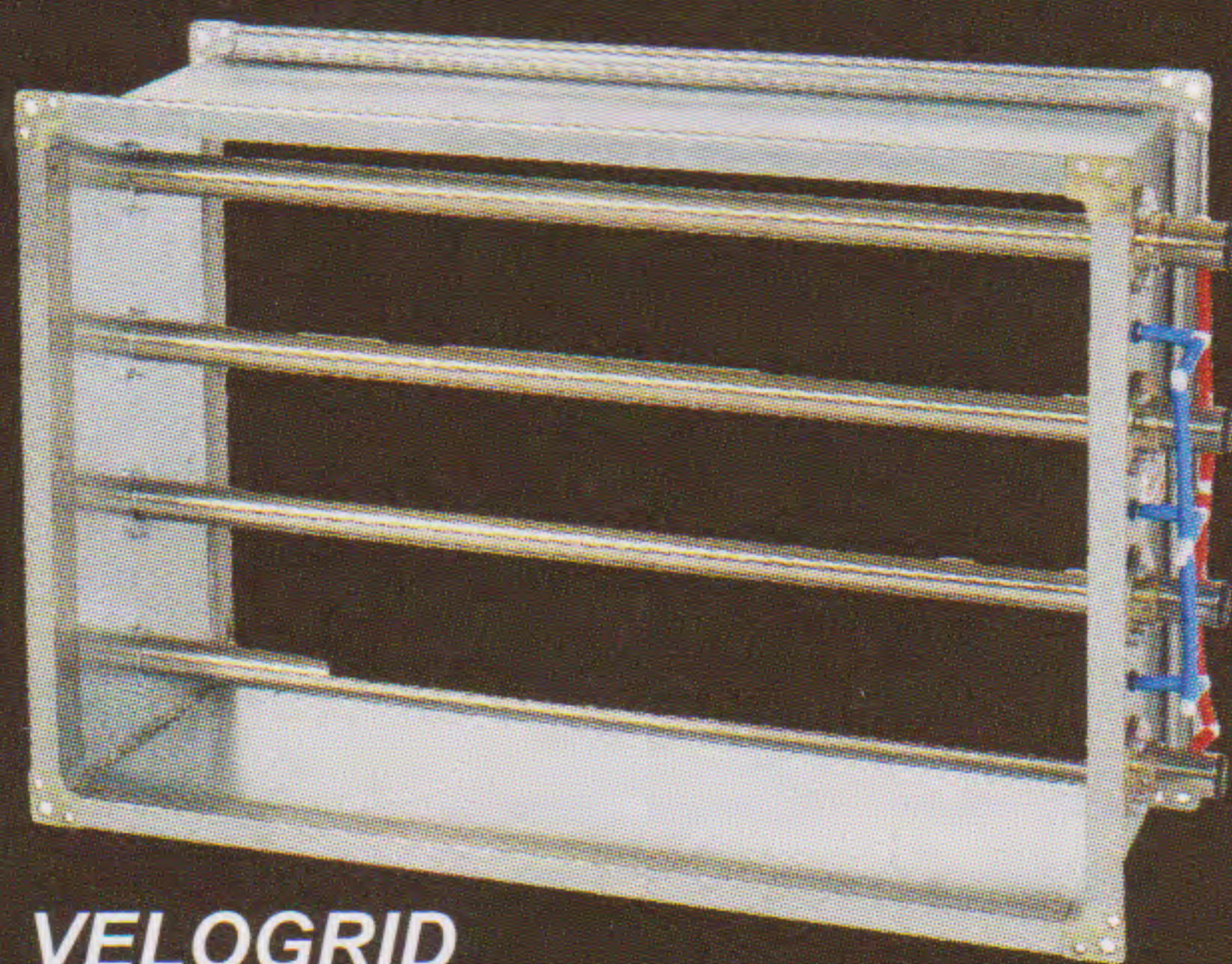
An improved lid seal and fasteners allow for easier access to the pump and tank interior for inspection and cleaning.

There are submersible pumps with fixed float arms for reliable on/off operation. There is also a low-level float option, which Pump Technology says virtually eliminates problems with fluid stagnation.

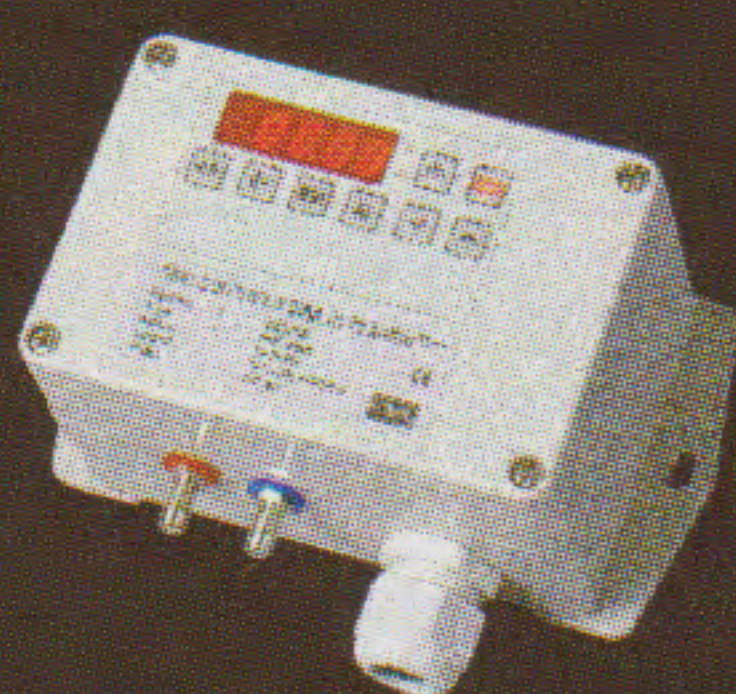
Different versions are capable of pumping up to 5m horizontally or 50m vertically.



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P-Sensor

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