

# An environmentally friendly solution

Submitted by: Consortium Communications

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Sanicondens Best – Clean, Green, efficient and effective

Boiler condensate should never be put straight to ground or down the side of buildings without first being neutralised. The waste from condensing boilers is highly acidic and can dissolve the lime in cement based mortar. The average domestic condensing boiler may produce 800litres of acid per year at about ph4.0 which adds up to millions of litres of acid discharged nationwide.

Therefore, correct disposal of the condensate is important in avoiding serious damage to the structure of your property and our environment.

In most installations, the condensate can be removed through the normal gravity drain route to an internal drain connection, in conjunction with the boiler manufacturer's instructions.

However for applications where the boiler has to be installed on internal walls or within basements the fitting of a boiler condensate tank pump can be the installer's only solution.

These pumps also offer advantages and flexibility of installation as well as keeping the connection internal. In freezing weather conditions externally vented condensate boilers freeze and blockages cause malfunctions.

Saniflo (<http://www.saniflo.co.uk/>) offer the Sanicondens Best which is an acid neutralising pump specifically designed for the disposal of acidic condensate from gas boilers as well as other acid producing equipment such as air conditioning units.

As the boiler starts, the condensate runs into the neutralising tray. At a fixed level a float switch is set to activate the Sanicondens pump and the neutralised condensate is pumped out through to the drain.

Specifically designed to be environmentally friendly the Sanicondens Best is a small but powerful unit. Benefiting from a quiet and light design it can be floor or wall mounted. It has a pumping height of up to 4.5m and a maximum flow rate of 342litres/hour vertically at a mean temperature of 35 degrees C. The Sanicondens is also capable of handling temperatures of up to 80 degrees C for limited periods. For added safety to respond to a blockage or mal function all units are fitted with an alarm.

Sanicondens is the best solution for our environment.

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