

New Haden Pumps

Flow-Pac Sewage Treatment Plant

Designed For Demanding Applications



Introducing the Flow-Pac for Commercial, Industrial or Residential Applications, where a high quality discharge is required

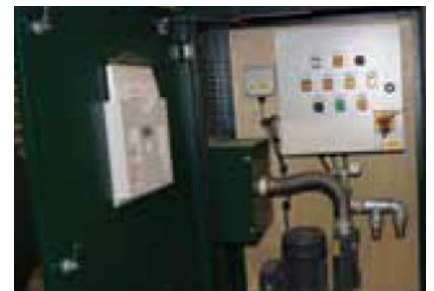
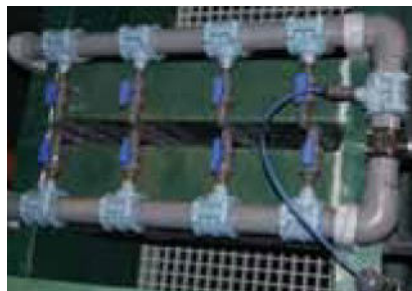
We have developed its range of package sewage treatment plants, utilising proven SAF (Submerged Aerated Filter) Technology for maximum performance and reliability, using the most reliable energy efficient aeration blowers, with a prolonged integral flow path system to maximize effluent quality.

Our Flow-Pac plant range offers a treated effluent that can be tailored to meet the most stringent standards of discharge consent. All our treatment plants are designed in accordance with the British Water Code of Practice for flows and loads. The Flow-Pac range can be designed to meet your population requirements.

Flow-Pac Range

The Flow-Pac can be designed for larger scale residential and commercial applications such as Camping Sites, Leisure facilities, Schools, Hotels, Golf Courses and industrial Applications, constructed in any packaged or modular systems to suit.

A range of modular treatment systems are available for larger applications, we offer a design service to meet your requirements, the system will include multiple primary zones for settlement/sludge storage. Multiple SAF zones effluent is fully treated, before discharge into final settlement zone; after an elapsed period of time, this design flexibility means that we can offer a tailored solution within a package format. The combination of high performance and reliability, makes the Flow-Pac range the perfect solution for industrial, commercial or off mains applications.



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Flow-Pac Sizing – Any sizes can be accommodated upon request

Features and Benefits

- High efficiency, tailored solutions
- SAF technology with reliable performance
- Energy efficient air blower for lower running costs
- Easy to install, suitable for installation with either granular or concrete backfill
- Quiet and odourless operation
- No moving parts
- Option for pumped units (inlet and outlet effluent)
- Effluent standard: 20mg/l BOD; 30mg/l SS; 20mg/l NH₃
- A list of typical application of 10mg/l BOD; 10mg/l S.S; 5mg/l NH₃ can be achieved.
- Low maintenance
- Higher rate nitrification also available
- Below Ground Installation (Can be adapted for above ground applications)
- Any invert levels can be accommodated
- Deeper installations can be accommodated
- Servicing contracts by our team of trained technicians
- 25 year warranty on all GRP components
- 2 year manufacturers warranty on all air compressors
- Friendly telephone support
- Typical De-Sludge period is approximately 12 months depending on demand

How does the Flow-Pac work?

The Flow-Pac contains two stage primary settlement zones, designed to settle coarse and non-biological loadings.

Sludge will build up in these zones and require removing periodically.

The settled effluent will then discharge forward into the bio-zones. Each segment field contains a high percentage of filter media, where biological treatment performs, due to high oxygen input. Once treatment has taken place in the multiple bio-zones, the effluent is discharged into the final humus tank, where it settles before flowing via the outlet.

Occasionally an amount of settled humus sludge is returned to the first primary zone.

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Your Sewage Solutions Partner

Our company is one of the UK'S largest manufacturers of commercial and domestic sewage plants, and a member of British Water. We pride ourselves on manufacturing products of high quality, with the level of service to match at affordable prices.

All our sewage treatment plants are based on successful and simple aeration methods.

We are able to design, manufacture, deliver, install and service sewage treatment plants nationwide, for residential, rural and commercial applications.

Our sewage systems can replace existing septic tanks, to enable effluent to be discharged directly to a water causeway, if the existing soak way has malfunctioned.

We can offer straight forward step-by-step consultation for your sewage treatment needs, All of our treatment plants have an easy to follow installation and service manual, but rest assured if you require someone to offer verbal assistance, we are here to answer your call.

We have an added advantage by offering full or assisted installations, at very competitive rates; we consider ourselves to possess expertise in producing high quality GRP products in our market.

Call us today to discuss with our team of specialists, who will handle your enquiry with the respect it deserves!

Trust our experts in the field to decide which product in our range offers the perfect solution for your requirements.

We are able to advise you on building regulations and environmental agency needs, but rest assured we are your

SIMPLE SOLUTIONS PARTNER

We are experts in the field of small waste and water treatment plant, and strongly advise customers to consult with us if in doubt over product process, selection, installation or servicing. In no event shall we be liable for any direct, indirect, incidental, special consequential damages to property or life whatsoever, arising out of or connected with the use, misuse, wrong selection or incorrect installation of our products.

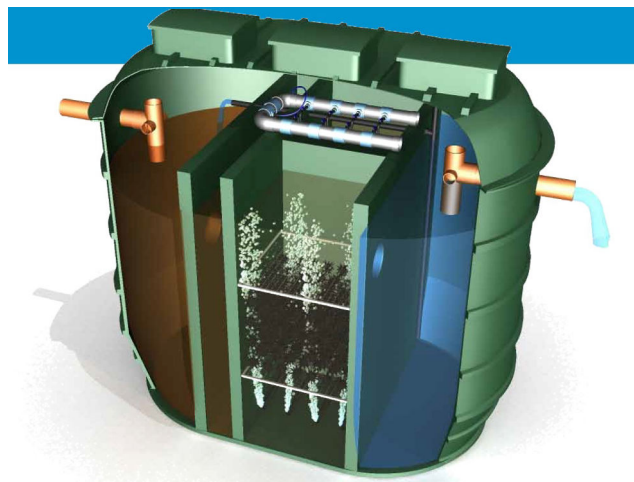
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