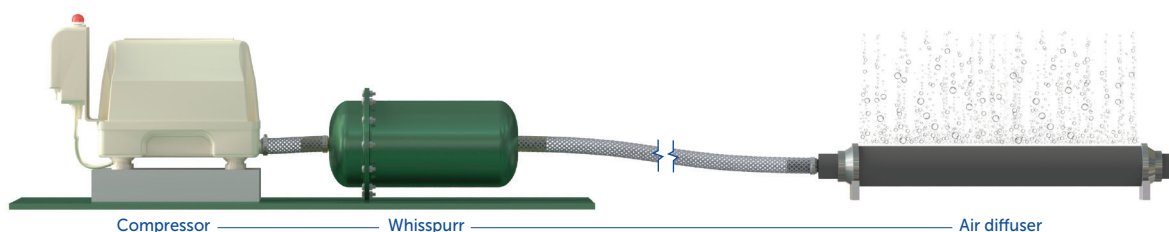




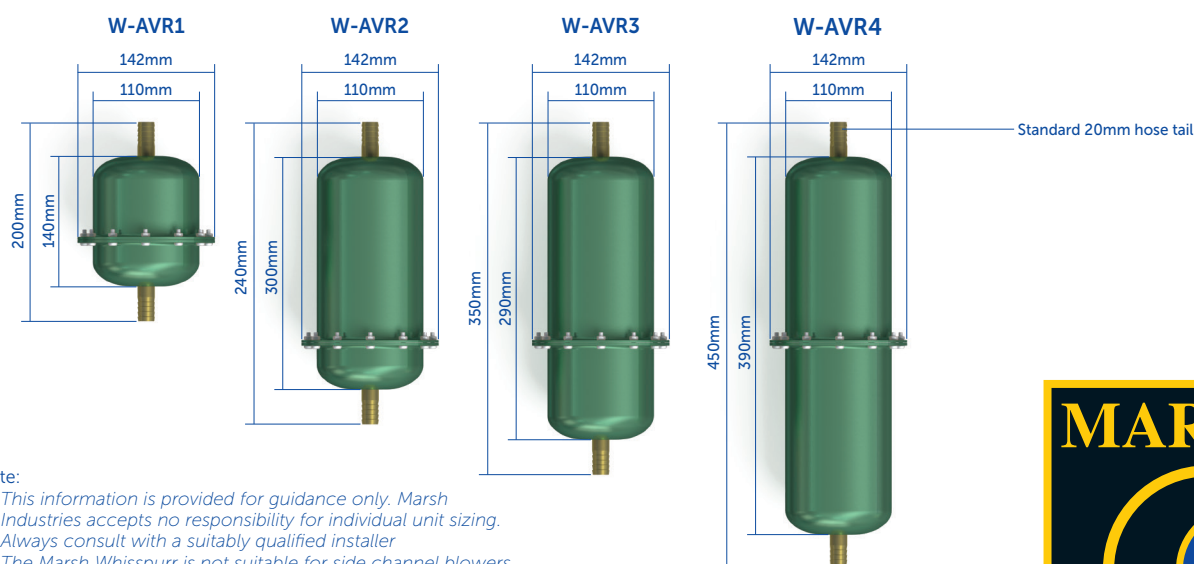
Acoustic Vibration Reduction (AVR) unit

Installation guidance

- The Whisspurr unit should be fitted by a qualified installer under the guidance of The Health & Safety at Work Act.
- The Whisspurr unit contains no moving parts and does not require electrical power.
- All power to the sewage treatment plant should be switched off. Compressors should also be switched off and isolated before installation begins.
- Care should be taken when opening compressor housings/kiosks and sewage treatment plant manway access covers.
- Do not leave the area unattended and keep the general public, children and animals away from sewage treatment plants and compressor housings/kiosks whilst the Whisspurr unit is being fitted.
- Whisspurr AVR units are manufactured from resin and glass polymer, are corrosion free and are invulnerable to warm humid conditions. The hose tail connections are brass with stainless steel nuts and bolts.



- The Whisspurr unit should be fitted as close as possible to the compressor or, if space permits, inside the sewage treatment plant.
- Secure the air hoses to the tail connections using stainless steel jubilee clips (Spun nylon air hoses and stainless-steel jubilee clips are highly recommended for longevity and to avoid corrosion).
- The Whisspurr unit should be positioned with the arrow pointing away from the compressor and in line with the airflow towards the diffusers. Failure to do so will affect the performance of the AVR unit.
- Many compressor units have separate audible alarms fitted to the compressor by using a small bracket. We have found these often vibrate and produce a noise between the two components. We recommend placing a small rectangle of polystyrene foam or rubber between the two components to further reduce noise and vibration.
- The Whisspurr AVR unit is chemically sealed and bolted shut. This creates a pressure vacuum when in operation. Any tampering, breaking of the seal, or removal of any bolts will invalidate the warranty and will prevent the unit from working effectively.



Note:

- > This information is provided for guidance only. Marsh Industries accepts no responsibility for individual unit sizing. Always consult with a suitably qualified installer
- > The Marsh Whisspurr is not suitable for side channel blowers



Marsh acoustic compressor housings

Marsh Industries manufactures high-quality acoustic compressor housings. Below is a brief overview for compressor and Whisspurr sizing:

The Marsh ACH1 - Small compressor housing

Suitable for 40w/60w/80w/100w compressors (inc. audible alarms) with Whisspurr units AVR1 and AVR2

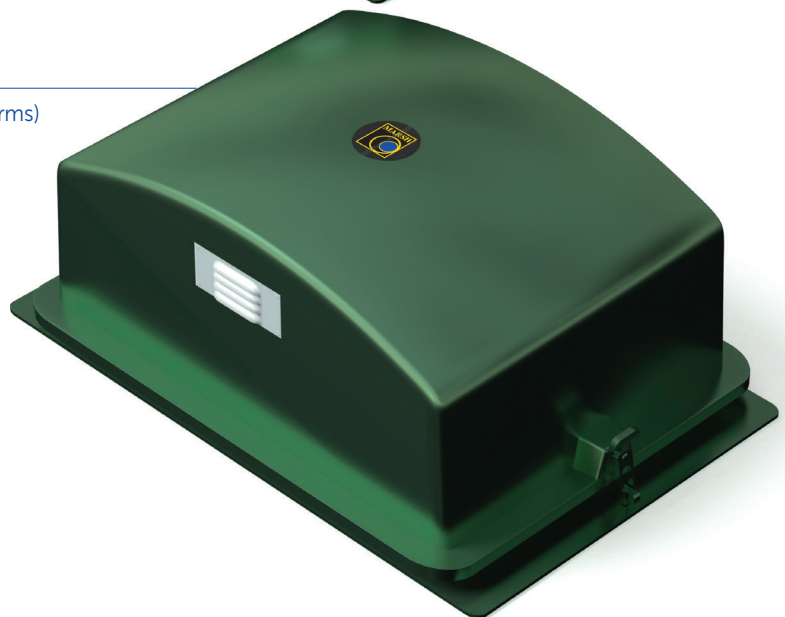


The Marsh ACH2 - Large compressor housing

Suitable for 120w/150w compressors (inc. audible alarms) with Whisspurr units AVR1, AVR2 and AVR3

Note:

- > Marsh acoustic compressor housings are manufactured to order – Normal lead time 4 days
- > Also available in brown
- > Larger compressors are typically fitted in GRP kiosks



Marsh Industries

Marsh Industries delivers world-class water and wastewater treatment solutions to the domestic, commercial and agricultural sectors from its UK manufacturing plants in Kettering and Bridgwater.

The company is recognised as a collaborative and trusted partner to its customers with a reputation for providing quality products that really do add value:

- Sewage treatment plants - 4-1000+ PE
- WellWater™ Pump stations - 234-20,000+ litres
- Septic tanks and cesspools - 2800-20,000+ litres
- Uni:Gem™ septic conversion units - 4-60+ PE
- Marsh GMS grease traps - 234-20,000+ litres
- Degrilleur™ trash/debris barrier
- Cespools - Up to 100,000 litres
- Storm:Dammer™ stormwater attenuation - Up to 130,000 litres
- Rainwater harvesting systems - 1500-20,000+ litres
- Hydroil™ and Marator™ - Oil separators, wash-down separators and silt traps
- Whisspurr™ acoustic vibration reduction units

All products are fully type-tested and certified to ensure compliance with relevant environmental permitting programmes and building regulations.

In addition, the company's state-of-the art computer software, GAIA, can generate precise, bespoke commercial sewage treatment plants and pump station systems to the finest specification.

Contact us on 01933 654582 where our highly experienced team will be delighted to discuss your water and wastewater treatment requirements.

