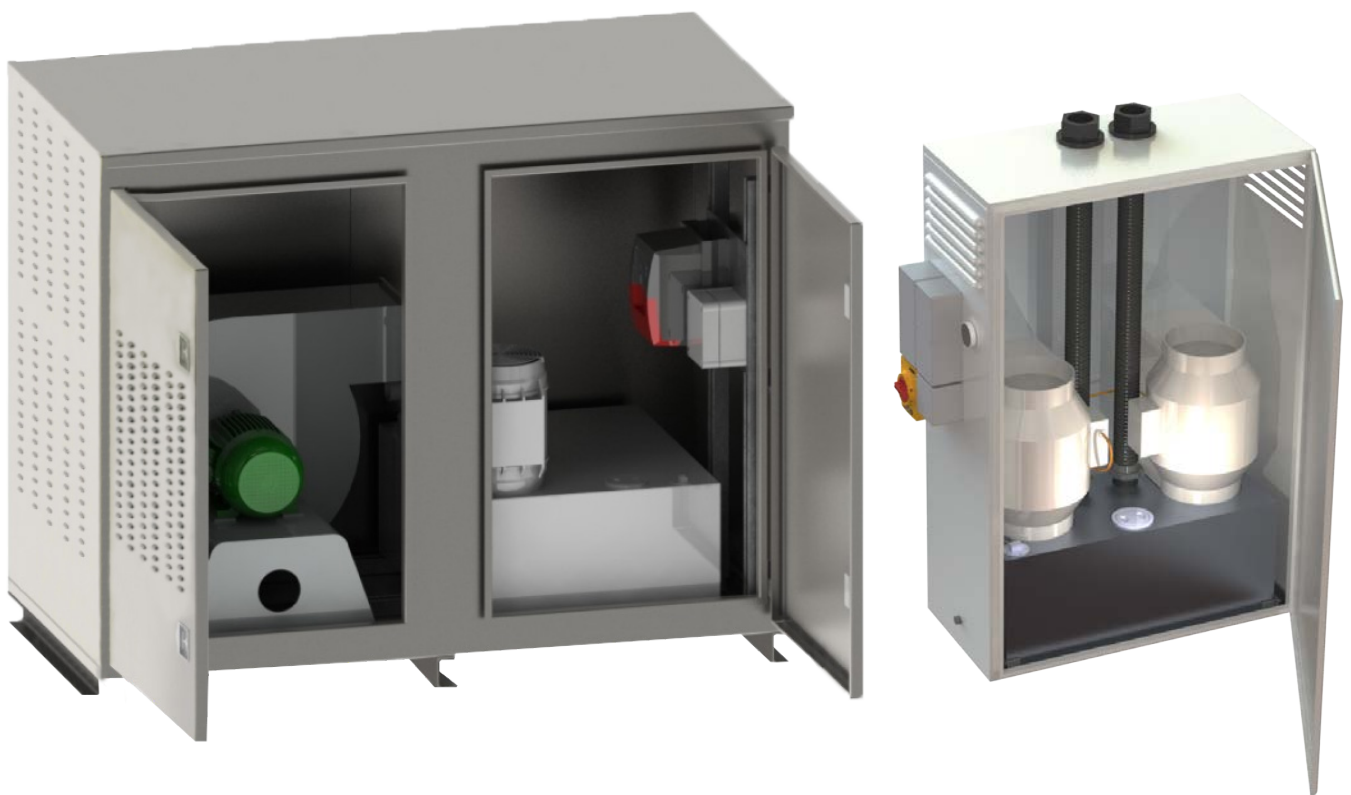


A Revolution in Airborne Odour Control

VapourGard™



CleanaWater's unique VapourGard™ system is more effective than fragrance and neutralising oils. That's because its active deodorisation technology destroys odour particles - rather than just masking them. The vapours stay airborne for longer than traditional sprays - allowing for more effective odour treatment.

Advantages of Vapour for Odour Treatment

- ☞ No water is needed
- ☞ The deodoriser is unobtrusive
- ☞ Cost-effective to install and run
- ☞ Deodoriser is delivered in lightweight particles, similar to the weight of the odours
- ☞ Maintenance is minimal
- ☞ The vaporisation system is quiet, dry, and invisible
- ☞ Completely safe and environmentally friendly

Odours are compounds that have transitioned to a gaseous or vapour state, allowing us to smell them. The VapourGard™ System uses a pipe to transport vaporised deodoriser around an area for deodorisation. The chemical solution is specifically designed to vaporise when subjected to air movement or minor turbulence, without the use of heat, which could compromise its composition and functionality. The ingredients of the solution are carefully designed to vaporise together and retain their integrity. The solution contains no propellants or alcohols.

The VapourGard™ System provides a way to deodorise an area by releasing chemical solution in vapour form. The system allows the solution to stay in the air for a longer time, creating more opportunities for contact and deodorisation. The system is suitable for use in any area where deodorisation is desired, and the type of pipe used is determined by terrain and weather conditions.

Benefits to Clients

CleanaWater's vapour systems are the lowest maintenance odour control products on the market. There are no nozzles to become blocked, and no portable water supply is needed. The active ingredients get to the very cause of odours, eliminating the particles. Our vapour systems are suited to large indoor and outdoor applications, especially effective on-site boundaries, aiding compliance with WHS and environmental regulations and eradicating odour complaints. The versatile design also helps you manage any site demands.

Uses and Applications

- ☞ Elimination of indoor and outdoor odours
- ☞ Large factories
- ☞ Processing facilities
- ☞ Solid waste facilities
- ☞ Recycling facilities
- ☞ Waste processing and transfer stations

How the VapourGard™ Formulation Works

The odour vaporising solution QuikAir 0900V is an aqueous solution including non-ionic surfactant, and terpene/terpenoid blends. It has been formulated to work in the air phase on all commonly known groups of odorants. An ester, ketone, and cineole are used as preservatives and disinfectants, and help to discourage the growth of bacteria in the tank. The solution is effective on many different types of odours. This method is similar to what is used in deodorants and shampoos, but it works in the air instead of on our bodies. The system is safe, environmentally friendly, and conserves water and energy.

VapourGard™ Construction

Our vapour systems consist of a blower, solution storage tank, piping and an electrical control box with an electronic level gauge. VapourGard™ systems are set up on the boundary of the facility, with holed tubing allowing the release of vapour into the air.

They come in a range of sizes to treat outdoor areas as large as 500 linear metres or 150 lineal metres suitable for indoor facilities.

The power supply requirements for the VapourGard™ 150 are a single phase 240Vac while the VapourGard™ 500 requires a 3-phase 415Vac power supply.

Optional accessories

Optional accessories for these vapour systems include operational triggers - including timers, atmospheric conditions and remote tank level monitoring to ensure adequate vapour solution levels.