

a-SORB™ Activated Carbon Canisters



TAPC's a-SORB™ canisters are a unique concept in the purification of air and gas, having been developed to offer a low cost and very effective method of controlling odours, toxic vapours and hydrocarbon emissions.

These activated carbon adsorbers can be readily applied to control emissions from industrial processes, storage tanks, sewerage systems, pumping stations, reactor vessels, waste treatment facilities, etc. They are suitable for use over a wide range of objectionable or unacceptable emissions. Generally they only need to be connected to the process vent to be fully operational.



Activated carbon works by adsorbing the gaseous pollutants to the surface of the carbon. Activated carbons have a highly developed pore structure throughout each granule creating a massive surface area for pollutants to be captured upon.

Beware! Not all activated carbons are the same! If you buy inferior carbon, the capture capacity may only be small and result in a limited carbon life. At TAPC we only use specially engineered, high quality activated carbons so that we can guarantee performance and longevity.



Peace of Mind.

TAPC (previously as "EGL") has been designing and supplying activated carbon systems for over 25 years. With hundreds of plants successfully supplied and installed, no other air pollution control company can match our depth of experience and expertise. When you buy a TAPC gas cleaning plant you are buying the world's best technology backed by the assurance of industry leading engineering and after sales support.

Total Air Pollution Control Pty. Ltd.

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a-SORB™ Canister



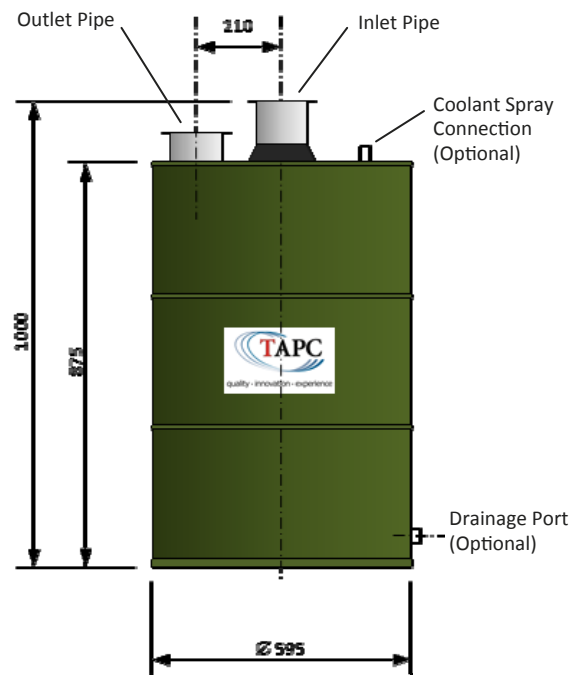
TAPC's a-SORB™ canisters are available in a variety of configurations encompassing various gas flow requirements, offering flexibility in the selection of a system to suit the particular process and operational requirements. Single canisters are capable of handling gas flows up to 340 m³/h, with larger gas flows being accommodated by employing multiple modules in parallel.

Booster fans, inlet particulate filter chambers and vapour collection facilities are optional. If desired, TAPC can undertake the total system design and installation.

When selecting a system for a particular process, the contaminants involved in the air stream need to be specified in order to supply a canister system with the correct grade of activated carbon. Please contact our staff today to determine the correct carbon and system orientation for your needs.

Advantages

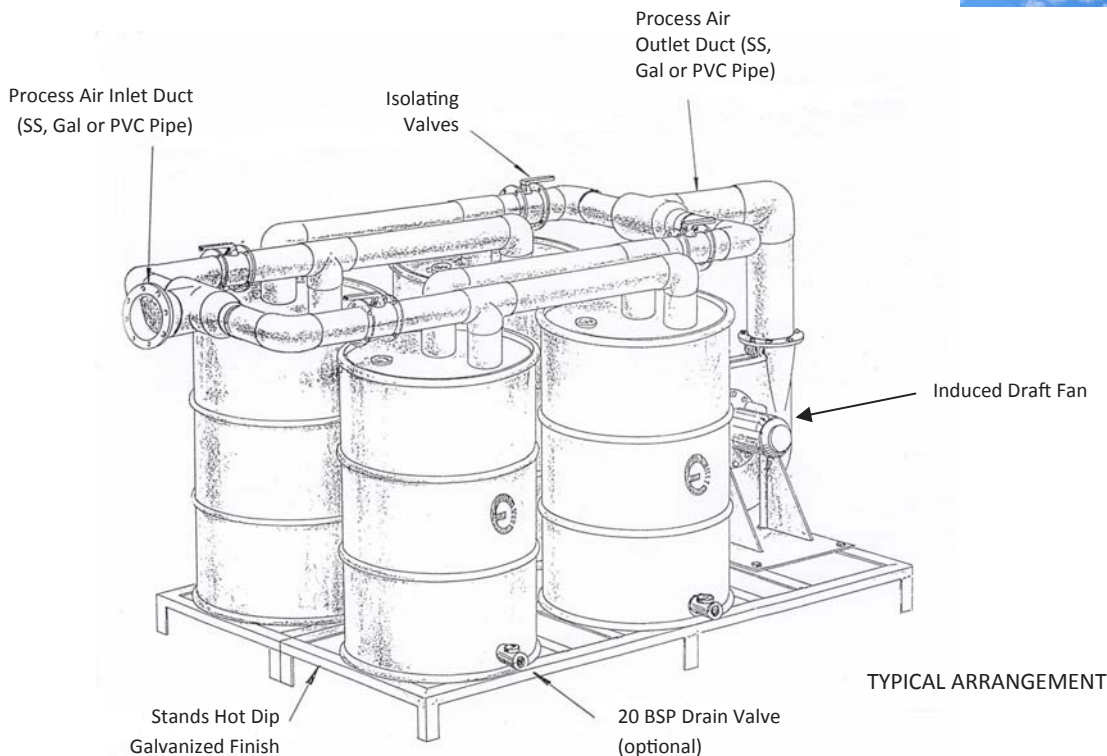
- ☑ Effective treatment for a wide variety of contaminants
- ☑ Continuous operation
- ☑ Low cost
- ☑ Short delivery time
- ☑ Ease of installation
- ☑ No operator attention
- ☑ Robust construction
- ☑ Weather proof
- ☑ Maintenance free
- ☑ Modular design
- ☑ Options in AC selection
- ☑ Options in fittings supplied
- ☑ Proven performance



a-SORB™ Canister
1000 0442 shown

| Kitset Code | Model | Application | Canister Size | Process Connection |
|-------------|---------------------------------------|--------------|---------------|---------------------------|
| 1000 0441 | Canister – Vent Gas CN10GNAC | VOCs | 205 L | 100NB Speedlock |
| 1000 0442 | Canister – Odourmiser CN10GNAC-ST | H2S / Sewage | 205 L | 100 NB Speedlock |
| 1000 0443 | Canister – Odourmiser CN10PVAC-ST | H2S / Sewage | 205 L | 100NB PVC (Sewer Pipe) |
| 1000 0447 | Canister – Odourmiser CN5GNAC-ST | H2S / Sewage | 205 L | 50NB B.S.P.T Pipe |
| 1000 0450 | Canister – Odourmiser CN5GNAC-ST MINI | H2S / Sewage | 60 L | 50NB B.S.P.T Pipe |
| 1000 5691 | Canister – Vent Gas CN5GNAC-ST | VOCs | 205 L | 90° Elbow - 50NB F&F ENDS |
| 1000 6352 | Canister – Odourmiser CN5GNAC-ST | H2S / Sewage | 205 L | 90° Elbow - 50NB F&F ENDS |
| 1000 8221 | Canister – Odourmiser CN5GNAC-ST | H2S / Sewage | 205 L | 2" ANSI 150# Flange |

a-SORB™ Multi-Canister Arrangements



| | Maximum Process Air Flow (m ³ /h) | Approximate Shipping Weight (kg) | Approximate Dimensions W x L x H (mm) |
|------------------------|--|----------------------------------|---------------------------------------|
| Dual a-SORB™ Canister | 680 | 220 | 610 x 2130 x 1450 |
| Quad a-SORB™ Canister | 1,360 | 400 | 1220 x 2130 x 1450 |
| Six a-SORB™ Canister | 2,040 | 580 | 1220 x 2830 x 1450 |
| Eight a-SORB™ Canister | 2,720 | 760 | 1220 x 3530 x 1450 |

Industries

- Petrochemical
- Sewage/Waste Water
- Chemical
- Plastic
- Pharmaceutical
- Gas
- Soil Remediation
- Waste Handling



Oil Tank Vent Installation with Six a-SORB™ Canister System

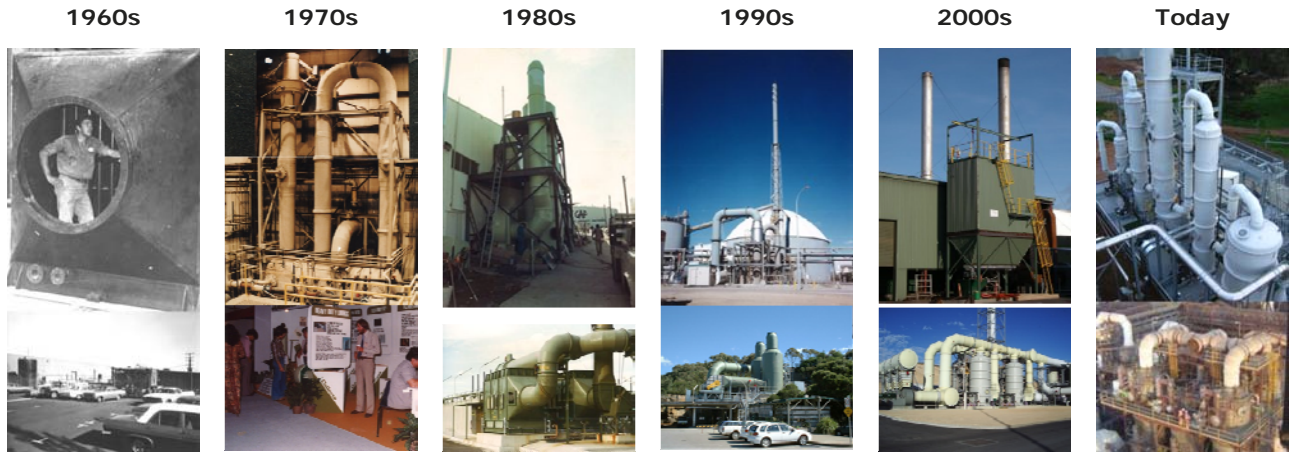


Chemical Plant Installation with Quad a-SORB™ Canister



Sewer Vent Installation including optional enclosure.

Air Pollution Control Experts since 1968



History

In 1968 Ceilcote Tasmania was formed as a specialist producer of fibreglass packed bed scrubbers based on Tellerette packing. Ceilcote became Transfield RPC in the 1980s and Horizon APC in the 1990s. In 1998 the Environmental Group (EGL) acquired Horizon APC to augment its existing air pollution control business that included activated carbon systems and flares. From 1998 until 2012, the business grew to become the largest in Australia at removing gaseous pollutants from industrial processes.

In 2001 TAPC was formed as the Australasian representative for BHA Group Inc (now GE Energy). TAPC quickly established itself as one of the region's leading industrial air pollution control companies in the field of particulate capture using electrostatic precipitators and fabric filters.

In 2007 the Environmental Group (EGL) acquired TAPC to add particulate capture technologies to its already substantial gaseous pollutant technologies. In 2012 it was decided to merge the two business units into one entity; Total Air Pollution Control (TAPC). In so doing, forming Australia's largest and most comprehensive air pollution control company. No matter what the pollutant, TAPC has the technology, experience and capability to capture it.

EGL is listed on the Australian stock exchange under the code "EGL". TAPC is a wholly owned subsidiary of EGL.



Australia's Leading Air Pollution Control Company.



Gas Scrubbing



Fabric Filters



Electrostatic Precipitators

Total Air Pollution Control Pty. Ltd.

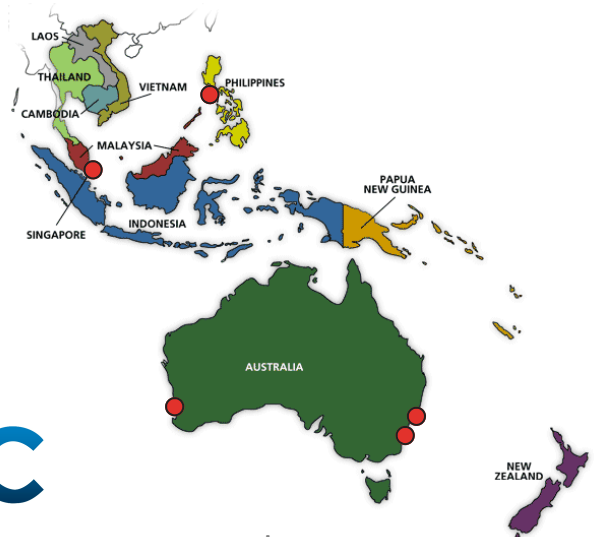
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