



Your partners in Air Pollution Controls and FRP Products

Air Pollution Control Systems and Solutions



Installation, Chemical Pumps and Systems Maintenance



We Specialize in

- All kinds of Fiberglass (FRP) Works
- Design to Specifications and Requirements
- Manufacturer of FRP Products and Lining Works.



About Us

We are an Air Pollution Control (APC) specialist and professional manufacturer of FRP (*fiberglass reinforced plastic*) products. We design, engineer and fabricate systems for APC and individual process equipment as well as custom parts for various industrial applications.

Our Mission

Our mission is to consistently provide our customers with quality products and services which meet or exceed their expectations.

In our pursuit of this mission, we:

work as a team to encourage creative problem solving in a working environment which recognizes individual contribution.

strive to enhance value to our customers and shareholders, thereby providing growth and continued benefit to all associated with AirClean Pollution Engineering Pte Ltd.

Our History

We are a team with more than 20 years' experience in the FRP fabrication and Air Pollution Controls, extending our specialization which include prominent sectors of the environmental, municipals, water/semi-conductors, solar and chemical industries.

Over the years, we continue striking through improvement to provide our customers with top quality, Just-In-Time (JIT) delivery and price competitiveness.

For the last 10 years, our fabricated products were delivered to Asia and Middle East and have grown to an international presence.



Products & Services

We provide air pollution control (APC) solutions for various industries, institutions and commercial sectors that requiring treatment of air for their process equipment and odour problems, where meeting the stipulated local code of practice and also to promote cleaner air for the environment around us. Our turnkey solutions from design, supply, installation, testing and hand-over for our APC systems, provides a one-stop solution to our client or end-user.

Our specialization also includes the FRP products, where we design, fabricate and supply all types of process equipment, such as tanks, ducting, custom parts and FRP linings work. Installation Work, System maintenance and Chemical Resistant Pump is also available.



Air Pollution Control (APC)

We offer APC solutions through the use of Scrubber Systems, Activated Carbon Filters and Exhaust / Ventilating Systems for various industries which are required by their processes, by laws or by company policies to offer protection for the environment.

All our scrubber and activated carbon systems are designed by our team of experienced engineers / managers who have years of experience behind them. The scrubbers and carbon filters are manufactured in-house, thus leading to tighter QC, better control in lead time and lower costs, all of which are added values passed to our customers.

We also provide consultation to clients on Air Pollution Control for their business needs. A formal proposal can be provided as well.

As an APC specialist, we offer the best possible economic solutions and viable options for all your APC needs such as fume, acidic & alkaline gas and particulate controls. We are also an OEM manufacturer for scrubber vessels, chemical tanks and carbon filter vessels which are commonly used in APC applications for both local and overseas APC suppliers.

Our APC Products:

- ***Horizontal Cross-Flow Scrubber System***
- ***Vertical Countercurrent Scrubber System***
- ***Mini Scrubber Suitable for Cleanroom and Laboratory Operations***
- ***Activated Carbon Filter System***
- ***Exhaust and Ventilating System***
- ***Dosing System***

Installation and Systems Maintenance

We provide turnkey service for our system solution from design, installation, testing & commissioning. Maintenance and repair is also available for systems or parts.

Installation and Systems Maintenance

Quadt Chemical Immersion Pumps TP Series are suitable for the handling of aggressive, down-viscous liquids such as acids, caustic solutions, solvent, sea water, demineralized water and many more.

The operational areas are in the chemical industry, pharmaceutical industry, textile and leather industries, glass and ceramic industry, iron-producing and – processing industry, environmental protection plants such as drinking and industrial water preparation, waste water purification and air pollution control.

Applications are feed pumps, recirculation pumps, filtration pumps and discharge pumps.

They are suitable to run dry without any liquid and are insensitive to liquids containing solids, since there are no bearings or seal elements within the liquid area. They are used in situations where conventional materials only yield a short working life at high corrosive stress.

All materials that come in contact with the liquid are made of high quality thermoplastic plastics. As standard the pumps are made of Polypropylene (PP). The maximum working temperature is +80°C. Higher temperatures are possible on request.





Construction details:

Able to run dry, no bearings or seal elements within the liquid area – long working life
Sealing of the shaft against aggressive vapours with maintenance free lip seal
No special drive motors needed.

Performance range:

8 Sizes with flexible Impeller diameters

Motor power up to 34.5 kW

Flow rates up to 280 m³/h

Total head up to 32 m

Immersion depths up to 1500 mm

<https://www.quadt-kunststoff.de/en/submersible-industrial-pumps/submersible-chemical-pumps.html>

Exhaust & Ventilation

Whether just the fan alone or the design and supply of exhaust / ventilation system, we have the expertise to assist you in your requirement.

We have exhaust and ventilation fans for a wide range of capacities and static pressures available.

[Contact us](#) for more details.

Contact Us

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