

Creating air movement in the most **sustainable** way



Being sustainable

Elta Fans Asia is a purpose-driven team dedicated to one cause.

We are a proud leader in residential, commercial and industrial fan design and engineering and have a long-standing commitment to each other, to our clients, and to our suppliers to provide the best in the industry.

For nearly half a century, our commitment to innovation has uncovered pioneering technologies which are improving the health of all living things, promoting productivity across numerous sectors and industries, and making a considerable impact on the reduction of climate-changing pollutants.

We are proud of the fact that we have created a strong global business by focusing on moving and treating the air around us. The more focus we put on Sustainable Air Movement and the more we invest in it, the bigger our contribution is towards reducing the catastrophic impact air pollution is having on our environment.

We put all our focus on reducing energy consumption in buildings to create healthier indoor environments.

Air is the most precious thing nature has given us because it sustains and promotes new life. It is one of the main building blocks of our eco-systems. Humans can only survive without air for approximately three minutes. This makes clean air more vital to human survival than healthy food and clean water and yet we are polluting the precious air we breathe. This pollution is not only causing damage to our environment, but it is also having severe consequences on our health.

After years of testing and optimisation, our world-leading axial technology is now capable of reducing energy consumption in a building by up to 21% and is the most energy efficient fan of its kind. This single innovation made by our engineers will reduce carbon dioxide emissions by over 1 million tonnes over the lifecycle of just a single major project.

This is a big impact, that is saving lives and it is something we are proud of.

Looking ahead we will continue to focus on a sustainable future in our own operations and in the solutions we provide for our customers. We are continuing to make considerable investments in technologies which will promote even healthier places to live and work and putting our energy into our employees so they too can carry the sustainability message.



“We want to enhance lives
and save energy.”

Building a sustainable paradise

Designed to represent a high efficiency Elta Fans impeller, each blade depicted in the image represents a part of the Earth's biosphere and the sustainable resources we have access to on our planet.





Each part of an impeller works together in order to achieve its main goal. Similarly, the Earth biosphere does the same. Our world is interconnected. Working as one, every part of the planet needs to be cared for in order for our biosphere to continue living.

The melting glaciers shown in the middle of the image give vital sustenance to the diatoms, tiny creatures that live in our oceans and on our beaches. These essential creatures produce a significant percentage of the world's oxygen but are in danger as sea temperatures rise.

The blades on the impeller represent the sustainable energies we have developed using our planet in a healthy way such as solar energy, biomass energy, geothermal energy, and hydroelectric energy.

The blades also represent essential functions of our planet that help it survive. An erupting volcano's ash and lava is carried through the winds across our deserts and into our farms and forests, providing essential nutrients for our agriculture. The mountains and rainforest work as one to move water and nutrients that feed animals and plant life.

Around the impeller, other important aspects of our planet are depicted including fossils representing the

remnants of dead plants and animals that release nutrients into our soils. The coral reefs that provide a large portion of the world's oxygen supply. Even the depths of our oceans that help feed the land we live on.

In order to keep our biosphere healthy, our Earth needs to be nurtured. We need to reverse the damage we have caused to these essential systems, and just as the impeller fan does, keep the wheels of the biosphere spinning.

However, our time to do so is running out. Coral reefs are dying, glaciers are melting, the level of carbon dioxide in our atmosphere is increasing, and by 2030 it is estimated there will be more plastic in our oceans than fish.

The good news is that it is not too late to make a difference. We can all play a part in looking after our planet and making it a more sustainable, better place to live.

At Elta Fans Asia we are working towards a more sustainable future through providing energy efficient, sustainable air movement products to our customers. We believe that through education, advocacy, and action we can make a difference to the health of our planet, and that's what the Sustainable Air Movement is all about.



Green Building Councils



As part of our commitment to working towards a more sustainable future, Elta Fans Asia has aligned with industry associations working towards similar goals, namely the Green Building Council.

Energy efficiency in the built environment has become a key focus in the industry and around the globe. As a result, there has been an increase in Green Building Council memberships since its inception in 1993.

The World Green Building Council oversees individual councils in 70 countries that are all committed to the same overarching goals. Eliminating the CO2 emissions from the building and construction industry, and working towards all buildings being net-zero buildings being on the top of their list.

Elta Fans Asia has now joined the cohort of companies joining the GBC and with the most energy efficient axial fans on the market, Elta Fans Asia has taken a big step towards providing high-quality sustainable air movement products throughout the Asia region.

“Aligning with like-minded industry associations such as the Green Building Council is another way we are showing our commitment to our goal of providing sustainable air movement products to the entire Asia region,” commented Elta Fans Asia CEO, Nick Heaton.

“We want to be part of the movement towards a more sustainable built environment and through

the Green Building Council we can connect with other companies who share the same goal”.

The benefits of green buildings are widely acknowledged and the World Green Building Council website even goes as far as detailing the statistics behind their movement.

Green buildings certified by the Indian Green Building Council (IGBC) results in energy savings of 40 – 50% and water savings of 20 – 30% compared to conventional buildings in India.

Green buildings achieving the Green Star certification in Australia have been shown to produce 62% fewer greenhouse gas emissions than average Australian buildings.

“It is results like these we are aiming for, and it's the long-term commitment to these results that drives us to align with the Green Building Councils. We share the same values and are essentially moving towards the same end game; a sustainable future,” concluded Heaton.

Where it all started

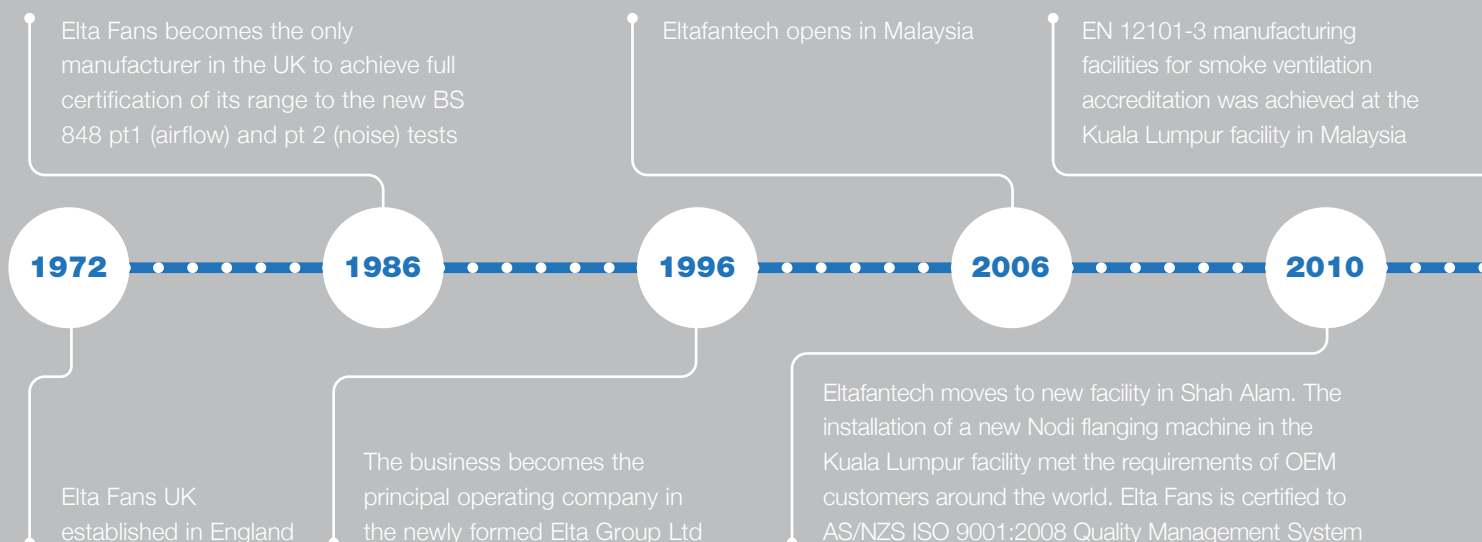
Established over 40 years ago by two pioneers of the industry. Elta Fans' foundations are built on a culture of innovation and engineering that continues to guide the company today.

Our parent company, Elta Fans UK, was established in England in 1972 and is an internationally recognised front runner in axial fan and impeller design. The Elta Group was incorporated in 1996 and is now a multinational company present in four continents. Elta Group companies AMS (Air Movement Solutions) in South Africa and Fantech in Australia and New Zealand have all established market leading positions in their regions through incorporating Elta Fans axial technologies.

Eltafantech Asia was established in 2006, incorporating the branding of both Elta Fans and Fantech, as a response to the increasing popularity of the Elta Fans impeller and Fantech products in Asia.

In 2010 with further growth in the Asian market, Eltafantech moved to our current 45,000 sq. ft. facility in Shah Alam, Kuala Lumpur and, in 2017, rebranded to become Elta Fans Malaysia.

Our heritage timeline

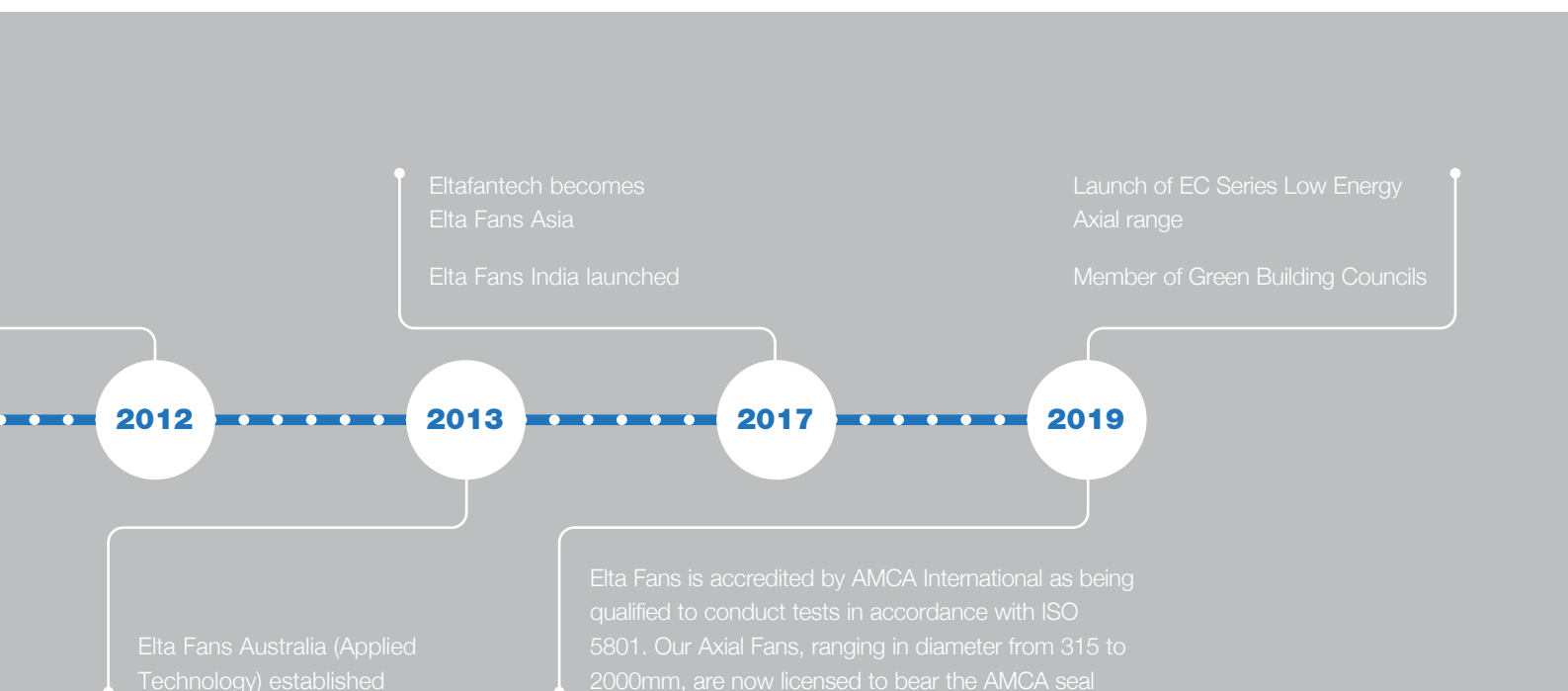


From our manufacturing base we serve the local market across Malaysia as well as supplying most of our product range to the majority of Southeast Asian countries through our network of distribution partners.

In 2007, Eltafantech's distributor, Airovient, introduced Elta Fans into India. In 2017, as the market grew further, Elta Fans India was established to expand our mission across Asia under a joint venture with Airovient & Elta Group.

With manufacturing and warehousing in Kolkata and offices in Delhi, Bangalore, Mumbai, Bengaluru, Pune and Hyderabad, Elta Fans India is now establishing a presence in the market and driving the demand for sustainable buildings in the region.

Elta Fans continues to seek and develop new technologies in sustainable air movement across Asia, aiming to collaborate with like-minded people and organisations that share similar visions for the smart cities of the future.



Our Mission

Healthy air, lowest energy, lowest life cycle costs.

For nearly half a century, our mission has been focused on breaking new ground with innovative air movement technologies that allows for designers to expand their sustainability goals and create more energy efficient buildings.

Our Purpose

Sustainable air movement.

Our investments in air moving technologies, the processes we use, and the people we surround ourselves with allow us to have an impact on our built environment in a way in which contributes to a healthier, more sustainable planet.

Our Vision

A future of smart cities.

We aim to help build sustainable buildings designed with innovative products that deliver the cleanest, healthiest air. We are constantly seeking new ways to provide the most energy efficient solutions to our customers.

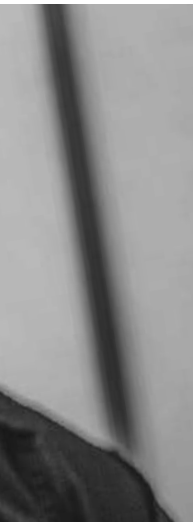
Our People

Commitment to the customer.

Our commitment to our customers does not end with the installation of a product. Our service team support our customers with the highest level of customer service for the lifetime of the product. Every member of our team shares the same passion for improving the air we breathe whilst protecting our environment.



Five core values that shape who we are



Although we may come from different countries or cultural backgrounds, we all live on the same planet and we believe that planet deserves to be looked after.

Our vision is to change the way people think about air movement and the effects it has on our planet. That's how the Sustainable Air Movement was born, and it now drives everything we do.

We continuously strive to reduce our impact on the environment in hopes of one day seeing a cleaner future fuelled by renewable energy and sustainable lifestyles.

By engaging in these practises ourselves, we encourage others to follow in our path, and attract a network of like-minded people who will stand beside us in achieving our goals.

As we work towards creating meaningful change to lead us towards a more sustainable future, we put our values to work. Throughout our entire company, our values encapsulate everything we do and frame all of our beliefs:

Creative
Sustainable
Proactive
Focused
Commercial

What we promise to you

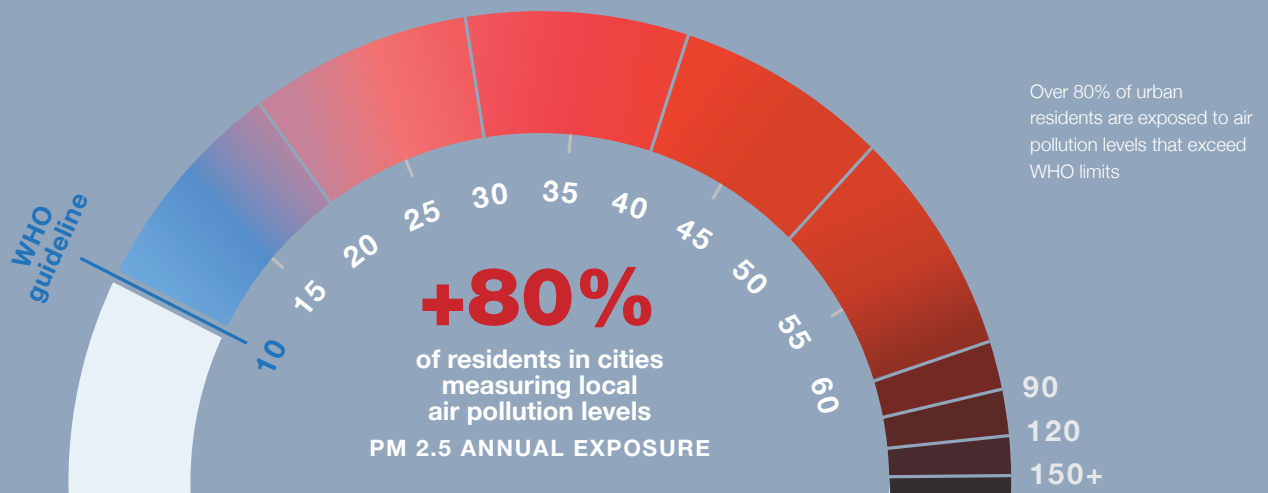
We have a corporate responsibility to engage in best practices when it comes to our business operations, in particular, those that can better our environment and the health of our planet.

So we can uphold this corporate responsibility we incorporate sustainable practises within all aspects of our business. We work to ensure our operation doesn't negatively impact the environment, the health of our employees, our customers, or the communities around us.

We aim to embark on a company-wide corporate, social and environmental responsibility diagnostic. We believe a continuous conscious effort in all areas of our business is required in order to make true progress. Our strong beliefs, company values, and coordinated initiatives will guide us in putting our ideals into action.



Reduce.
Reuse.
Recycle.



Providing clean air to everyone on the planet

When it comes to Indoor Air Quality, Elta Fans is at the forefront of the movement in Asia. We care deeply about proving the best air quality there is to our customers.

According to the World Health Organisation, approximately 2 million people world-wide die from air pollution every year. Asia is plagued with some of the more severe cases of air pollution in the world, suffering from smog filled skies, impeded visibility and a threat to human health.

With some Asian countries facing air pollution levels exceeding the critical limit, as defined by the World Health Organisation, the work we do is more important than ever.

We are committed to providing low energy, sustainable air movement products to our

customers as a way of combating the level of air pollution present in these countries. By providing low energy products, we are lessening the demand for energy and through that reducing the production of coal energy and the pollution that comes with that.

By focusing on innovation and motivation, Elta Fans are constantly considering new technologies to aid in creating healthier air quality for people across the globe. We believe that people everywhere should have access to healthy, clean air.

Encouraging change through energy



Energy efficiency is a big focus at Elta Group as we believe this is our main channel in creating real change in the built environment.

Globally, the demand for electricity increased by nearly four percent in 2018. In turn, the demand on coal energy plants increased, causing coal energy to grow more than any other single source of energy, accounting for 26% of the increased generation.

The process of burning coal to create electricity, produces a huge amount of air pollution. In fact, the contribution of coal energy plants accounts for 38% of the total energy related carbon dioxide (CO₂) emissions. Carbon dioxide is only one of the many chemicals that coal energy plants are polluting our air with, and with each chemical comes a serious negative effect on our environment and our health.

It is for these reasons that we choose to focus on low energy air movement solutions. As we lower the use of energy in buildings, we lower the demand for energy production. In turn the amount of energy being produced is lessened and so is the amount of air pollution being put in to our atmosphere.

As we advocate for renewable energy sources to become the norm, and search for innovative technologies that will abolish the need for coal fired energy plants, we will continue to create low energy products in hopes that others will follow in our lead.

According to the United Nations Environment Programme, the building sector has the biggest potential for significantly reducing harmful emissions in comparison to other sectors. It can potentially make energy savings of up to 50% or more by 2050, equating to 84 gigatons of carbon dioxide through direct measures such as energy efficiency in buildings.

We aim to be leaders in this movement.



Pushing the limits of design

The movement towards sustainable design has been growing with society's awareness of the impact our built environment has on our environment. Sustainable design can have a big impact on the level of water and energy a building requires to operate and can lower the impact it has on the environment and even make a positive impact.

Sustainable and green buildings not only benefit our environment, but they also open the design sphere, challenging for more innovative and thoughtful design. It pushes building designers, architects, and engineers to move outside their comfort zone, to challenge the status quo and improve the design of our built environment through new design.

By pushing the bounds of design to incorporate sustainable design, we are constantly researching

best practise methods and asking for this to be bettered. Our consistent and thorough research allows us to have an innovative approach within the sustainability spectrum and allows for us to incorporate sustainable and innovative technologies and practices within our own business whilst advocating for others to follow in our path.



Building the world around us



Businesses are inextricably linked with communities and people and when combined and acting in shared interests, are more powerful towards creating change. Sustainability is centred around humans and that drives us to focus on people from beginning to end, in everything we do.

In order to make real change, we rely on a community of like minded people who are dedicated to creating a better, healthier world. We aim to build this community around us through engaging with our stakeholders.

We have partnered with industry associations and organisations that align with our vision and goals. These channels allow us to further advocate and understand our social and environmental performance and work to better those in line with the expectations of our stakeholders.



Engaging with our customers and communities around us is an important aspect of our business. Through open and active conversation with our stakeholders we can accurately gain a more comprehensive understanding of what sustainability means to them and what their priorities are surrounding it. Through this, we can then act in a way that we know our community will support and advocate for.





Speaking the word of sustain- ability

We have a platform available to us and believe that we should use that platform to advocate the importance of sustainability and its role within the built environment.

By educating ourselves, we can better advocate for our cause. We empower employees through training and example to further understand their role in advancing our progress on our sustainability goals.

By investing in training and education we can increase engagement from employees and pass our knowledge on to our stakeholders and the communities that surround us. We take a transparent approach to informing our stakeholders on our actions and how they are making an impact on our environment.

Our sustainable products

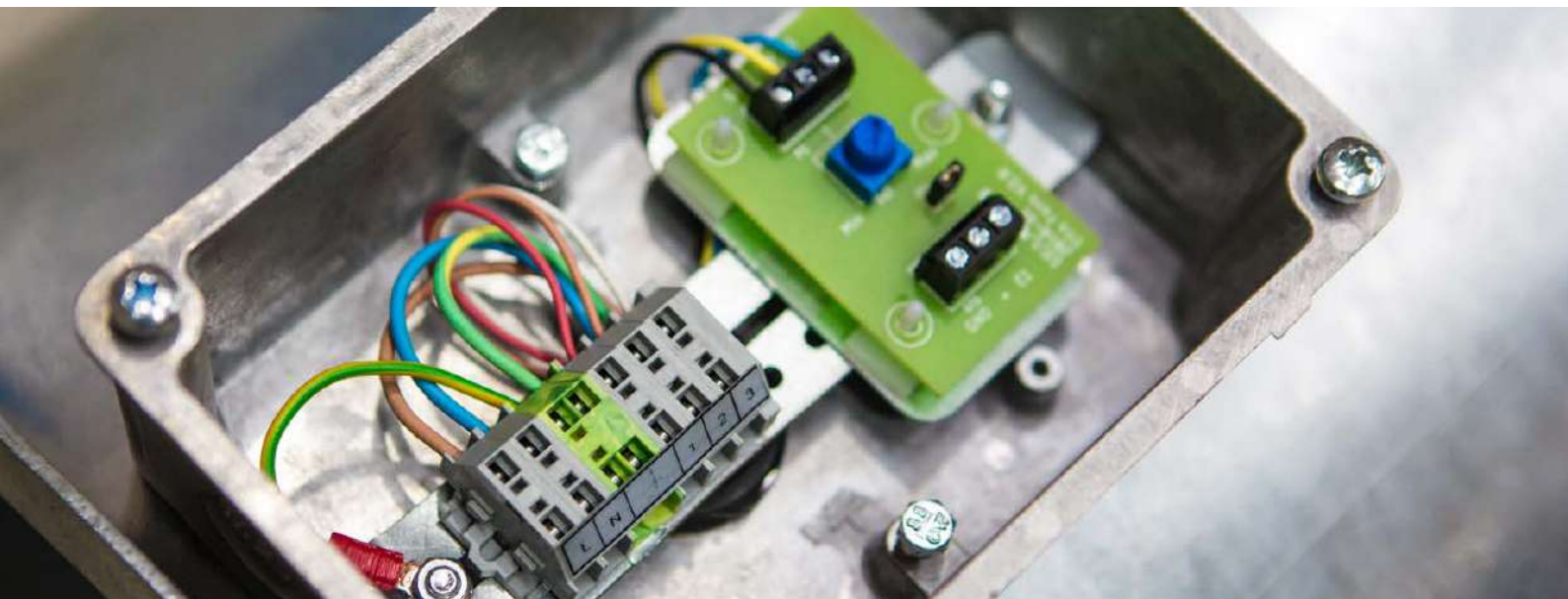
Commercial & Industrial Services

Adjustable Pitch Axial Fans
Centrifugal Fans
Destratification Fans
Explosion Risk and Hazardous Areas
Roof Mounted Fans
Rickard VAV Diffusers
JetVent Car Park Impulse Ventilation
In-Line Mounted Fans
Wall and Window Mounted Fans
Light Commercial Fans
Accessories and Controls

Bespoke and Solutions

AMCA Fans
ATEX Fans
Long and Short Cased Axial Fans
Plate Fans
Belt Drive Fans
Bifurcated Fans
Car Park Fans
Smoke Fans





Residential & Domestic Range

In-Line Mounted Fans
Wall and Window Mounted Fans
Ceiling Mounted Fans
Ceiling Sweep Fans
Heat Recovery Units
IAQ Products
Accessories

EC range

As part of our focus on providing our customers with low energy solutions to help lower their environmental footprint and emissions, we have introduced a diverse range of EC motor fans perfect for lowering energy costs.

Built with EC motors which use significantly less power than their AC counterparts the Elta Fans EC range can cater to many applications, industries and building types for both residential and commercial applications.

- Axial SLC EC
- Compact CPD/E...EC
- PowerlinePCD/E...EC
- Short Case SCD/E...EC
- Gamma EC CD/E...EC
- GL Gamma EC CD/E...EC...VGL
- Gamma EC Supply CD/E...EC...S
- Jetvent EC
- ZOO EC
- HVLS EC
- Vortair Ultra EC







Impeller

The first Elta Fans axial impeller fan was manufactured in 1972. Since then the axial technology has been tested, improved, and optimised.

It is the most energy efficient fan of its kind, capable of significantly reducing energy costs for buildings around the world. The reliable long term performance and increasing efficiency of our

impellers has earned it an unrivalled reputation within the global HVAC markets.

Lifetime warranty

Elta Fans offers industry leading warranties on its fans, including a lifetime warranty on its impellers. Ensuring that our fans are designed made to last, means we can give our customers the confidence

that their purchase will serve them for years to come, and significantly reduces the overall lifecycle cost of a project.



LIFETIME

— WARRANTY —

Where we are in Asia

We have two manufacturing facilities based in Kolkata, India and Selangor, Malaysia where all our products are manufactured and distributed from. We also have a wide range of distributors and agents throughout the Asia region who carry and stock our products. These locations are detailed on the map. As well as the above, we also have the capability to service customers throughout other regions of Asia. The countries we cover

include: Malaysia, India, Sri Lanka, Bangladesh, Myanmar, Thailand, Cambodia, Vietnam, Singapore, Indonesia, Hong Kong, Pakistan, Brunei, Korea, China and the Philippines.

Outside Asia, Elta Fans also manufactures and distributes sustainable air movement products and equipment in Europe, Africa and Australasia.

01 Elta Fans India Pvt Ltd

1st Floor, Plot No.- 73
Street No.-1, Block - L
Mahipalpur, New Delhi - 110037
Delhi, India

Tel: +91 8800434400
Email: info@eltafans.in

02 Elta Fans India Pvt Ltd

Unit #223, Bldg No. 9, Jogani Industrial
Complex, Chunabhatti (East), Sion
Mumbai - 400022
Maharashtra, India

Tel: +91 6289655018
Email: info@eltafans.in

03 Elta Fans India Pvt Ltd

Awfis, 2nd Floor, Nucleus Mall, Opp.
Commissioner Office, Church Road
Pune - 411001
Maharashtra, India

Tel: +91 7596097907
Email: info@eltafans.in

04 Elta Fans India Pvt Ltd

Plot #682
Babukhan Rasheed Plaza
Road #36, Jubilee Hills
Hyderabad - 500033
Telangana, India

Tel: +91 9875635210
Email: info@eltafans.in

05 Elta Fans India Pvt Ltd

#1662, 1st Floor, 18th Main, 41st Cross
Jayanagar, 4T Block
Bengaluru - 560041
Karnataka, India

Tel: +91 (80) 4113 2524
Email: info@eltafans.in

06 Elta Fans India Pvt Ltd

165, Bakhrahat Road, Post - Joka
Hanspukur, Kolkata - 700104
West Bengal, India

Tel: +91 (33) 2498 8126
Fax: +91 (33) 2498 8126
Email: info@eltafans.in

07 Spenserv Ltd

Road 10, House 744 (2nd Floor)
Mirpur DOHS, Mirpur, 1216
Dhaka, Bangladesh

Tel: +88 (02) 4480 6295
Email: contact@spenserv.com

08 Airflow Solutions Pvt Ltd

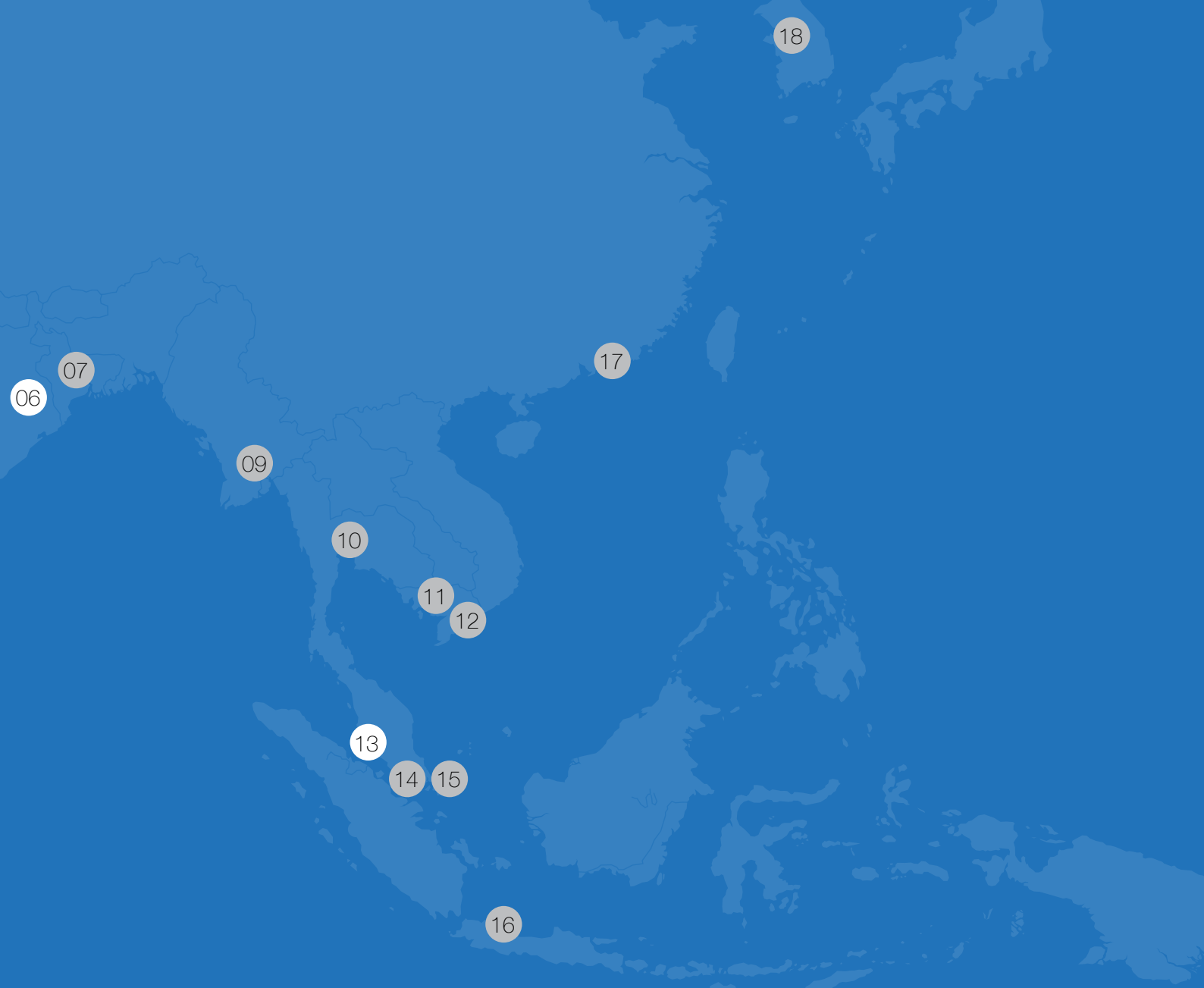
14/2/C, Galpotta Road
Athurugiriya, Sri Lanka

Tel: +94 (11) 256 2764
Fax: +94 (77) 355 9433
Email: airflow@sltnet.lk

09 Glover Electrical Industries Pte Ltd | Myat Kan Moe Enterprise Ltd

6 Shwe Hintha Road
Yangon, Myanmar

Tel: +95 (9) 404906832
+95 (9) 404906833
Email: sales@glovermkm.com.mm



10 Optimal Products Co Ltd

25 Sukhumvit 35 Alley
Khlomg Tan Nuea, Watthana,
Bangkok 10110, Thailand

Tel: +662 261 5801

Fax: +662 261 5804

Email: sales@optimalpdt.com

11 G.A General Engineering & Construction Co., Ltd

#69, St. 105, Sangkat Boeung Trabek
Khan Chamkarmorn
Phnom Penh, Cambodia

Tel: +855 (23) 6623 888

Email: info-gagec@digl.net.kh

12 Double Win Engineering & Trading Enterprise

163/24/14 To Hien Thanh Street
Ward 13, Dist. 10, Ho Chi Minh City
South Vietnam

Tel: +84 (8) 3862 7870

Fax: +84 (8) 3865 3943

Email: info@doublewin.com.vn

13 Elta Fans Malaysia Sdn Bhd

No 147, Jalan TUDM
Kampung Baru Subang
40150 Shah Alam, Selangor
West Malaysia

Tel: +60 (3) 7846 0340

Fax: +60 (3) 7842 1132

Email: info@eltafans.asia

14 Fuego Engineering Pte Ltd

7 Gambas Crescent #06-08
Ark@Gambas
757087 Singapore

Tel: +65 6728 8083

Fax: +65 6728 8084

Email: sales@fuegoengineering.com

15 Asia Fabrication Pte Ltd

31 Woodlands Close, #07-13
Woodlands Horizon
737855 Singapore

Tel: +65 6255 6477

Email: kennylim@asiafab.com.sg

16 P.T. Multitek Indopanca

Wisma Slipi 15th Floor #1501
Jl. Let.Jend S. Parman Kav. 12 Jakarta
11480, Indonesia

Tel: +62 (21) 5366 1985

Fax: +62 (21) 5366 1986

Email: multitek@cbn.net.id

17 Anway Engineering Co Ltd

Unit 05, 13/F, Nanyang Plaza
57 Hung To Road
Kwun Tong, Kowloon
Hong Kong

Tel: +852 2598 4228

Fax: +852 2802 7494

Email: general@anway.com.hk

18 Systemvent Co Ltd

185-10, Buheung-ro, 925beon-gil
Gwangjeok-myeon, Yangju-si,
Gyeonggi-do, South Korea

Tel: +82 31 837 4501

Fax: +82 31 837 4509





Check out some of our work



- | | |
|--|------------------------------|
| Moses Mabhida Stadium | Durban, South Africa |
| Optus Stadium | Perth, Australia |
| South Australian Desalination Plant | Adelaide, Australia |
| Sunshine Coast Hospital | Sunshine Coast, Australia |
| RMIT University | Melbourne, Australia |
| Nadi International Airport | Nadi, Fiji |
| MTR | Hong Kong |
| Royal (Amiri) Terminal complex, Kuwait International Airport | Farwaniya, Kuwait |
| World Trade Centre | Bengaluru, India |
| Seasons Mall | Pune, India |
| RMZ Ecoworld | Bengaluru, India |
| J.W. Marriott Hotel | Kolkata, India |
| Skyforest (MCGM Area) | Mumbai, India |
| AKR Gallery | Jakarta, Indonesia |
| Ritz Carlton | Bali, Indonesia |
| Terminal Pulo Gebang Airport | Pulo Gebang, Indonesia |
| Amorepacific Mall | Seoul, Korea |
| Chungnam Uni Sejong Hospital | Korea |
| Lotte Mall | Korea |
| Samsung Hillstate | Korea |
| Galaxy Phase 2 | Macau |
| Air Asia | Klia, Malaysia |
| JKG Tower | Kuala Lumpur, Malaysia |
| Nokia, Mid Valley | Kuala Lumpur, Malaysia |
| Oracle Corporation Malaysia, Mid Valley City | Kuala Lumpur, Malaysia |
| Sewerage Treatment Plant | Sg Udang, Malaysia |
| The Sphere at Bangsar South | Kuala Lumpur, Malaysia |
| Christchurch Airport | Christchurch, New Zealand |
| Al Janoub Stadium (Al Wakrah Stadium) | Al Wakrah, Qatar |
| Australian Embassy Complex | Bangkok, Thailand |
| Audi & Porsche Workshop | Dubai, United Arab Emirates |
| Dubai Tram Stations & Depot | Dubai, United Arab Emirates |
| Emirates Flight Catering | Dubai, United Arab Emirates |
| HMP Low Moss Prison | Bishopbriggs, United Kingdom |
| London 2012 Olympics | London, United Kingdom |
| Victoria & Albert Museum | London, United Kingdom |
| Microsoft Mobile | Bac Ninh Province, Vietnam |

Elta Fans Asia



A BRAND WITHIN **eg** | ASIA

Elta Fans India Pvt Ltd

165, Bakhrahat Road, Post - Joka, Hanspukur,
Kolkata - 700104 West Bengal, India

Tel: +91 33 2498 8126 **Fax:** +91 33 2498 8126

Email: info@eltafans.in **Website:** www.eltafans.in

Elta Fans Malaysia Sdn Bhd

No. 147, Jalan TUDM Kampung,
Baru Subang, 40150 Shah Alam, Selangor West Malaysia, Malaysia

Tel: +603 7846 0340 **Fax:** +603 7842 1132

Email: info@eltafans.asia **Website:** www.eltafans.asia

 **PRINTED ON RECYCLED PAPER**

63% less energy consumption | 49% less water consumption | Reduction of CO2 emissions by 26%

