



WORLD CLASS. WORLDWIDE.



ESCO is 14001 Certified

ESCO was **GREEN** before **GREEN** was popular. In 1978 ESCO was created to design and produce Clean Air products for the microchip industry. One of the founding mandates was to produce these products in the most environmentally friendly way possible using the technology of the day.

Being **GREEN** is more than modifying products to use new energy efficient technology which ESCO does. It also includes every aspect of the company.

What has ESCO done to be environmentally responsible?

ESCO's corporate office was located in Singapore a tropical paradise with a tropical climate eliminating energy requirements for heating the facility. This is a major reduction in energy compared to facilities located in other parts of the world.

The building was designed with large high open areas under the building that opened upward through large stairways taking advantage of the natural flow of air providing a cooling effect for the upper floor and reducing air conditioning energy demands.

All utilities are shut off when an area is not occupied.

Large windows located high on the walls provide natural light to the office area reducing energy requirements.



Manufacturing was expanded to the island of Bintan 1 ½ hours from Singapore and all the same building design concepts and practices were incorporated. These factors reduced energy consumption by a large percentage.

We also employed almost 400 people providing them with better environmental working conditions, improving their standard of living and reducing pollution caused by their previous occupations.

ESCO Technologies, Inc. 2940 Turnpike Drive – Suites 15 & 16 - Hatboro, PA 19040
Phone 215-441-9661 – Fax 215-441-9660 –Toll Free 1- 877-479-3726
www.us.escoglobal.com

Recycling programs have been implemented in Singapore and Bintan.

All pallets are manufactured from trees planted for harvest. No old growth or rain forest trees are used.

Local efficient housing has been constructed close to the Bintan facility reducing the need for transportation.

What does ESCO do to make our products more efficient and GREEN?

ESCO was the first company to utilize the German made ebm-papst rotor / motor system in laminar flow products. These motors were selected for energy efficiency, compact design, and flat profile. The complete integrated system assembly optimizes motor cooling reducing energy consumption and extends the motor life.

ESCO also uses high-pack, low resistant ULPA filters in our laminar flow products. The low resistance 99.999% efficient filters, combined with the ebm-papst rotor / motor systems, allows ESCO to provide better reserve capacity. Better reserve capacity equals longer filter life and lower life time cost of the product.

For example the LA2-xA2 Series of Biological Safety Cabinets provide over 150% increase in pressure loss over clean filters without a speed control adjustment and 210% increase with speed control adjustment.

Lower energy demands with the ability to adjust the airflow of a product over its life extends the life of the disposable components and reduces the life time operating cost.

How will ESCO continue to embrace GREEN?

ESCO incorporates the latest proven technologically advanced components available. One in every four of ESCO's employees is involved in Research and Development. Many of these research people are evaluating new components and/or designs for better efficiency.

All new models will use the low energy T-5 bulbs for better lighting using less energy. As new technology is available ESCO designs this technology into our products.

All ESCO companies worldwide are continually reminded to be environmentally friendly in day-to-day operations.

Can we go to solar power for our Singapore corporate headquarters? It's being evaluated.

ESCO is a family owned company dedicated to providing reasonable cost products to all the people of the world without destroying our environment to do it.

ESCO Technologies, Inc. 2940 Turnpike Drive – Suites 15 & 16 - Hatboro, PA 19040
Phone 215-441-9661 – Fax 215-441-9660 –Toll Free 1- 877-479-3726
www.us.escoglobal.com