

Component Library

Product Brochure



Overview of Eco3D

Eco3D is users are calculating carbon footprints and predicting the effects of future change on their energy usage and efficiency. The data available in the Library allows them to do this.

Answering the Carbon Challenge

A Carbon Footprint is something all businesses have and with each passing year it is something they are becoming more aware of.

A lot of businesses are already working towards reducing their energy usage and improving their Carbon Footprint. Any business hoping to achieve these goals will need to know what energy their equipment is using and what alternatives are available.

3D Simulation

Eco3D software includes world leading 3D simulation software for factory automation by Visual Components. 3D simulation allows users to create a digital, working computer model of their workspace. Aimed initially at factories or production lines this technology is now available to businesses of all types to help them save energy.

Using this software you can quickly and simply create your own 3D objects using existing CAD models and add their energy behaviours for use in your simulations.

Eco3D Component Library

For Users of Eco3D and Visual Components simulation software the Eco3D Library contains a huge quantity of components which can be downloaded for use in their simulations. These are also accessible through a drag and drop user interface with the simulation software.

Users of Eco3D log in to the Eco3D component library to drag and drop different energy consuming devices into a digital recreation of their workplaces. The library is a huge resource which is constantly growing and at time of writing has over 40,000 energy consuming products within it.

A wide variety of commonly found energy consuming devices are available for use, enough so that many users will never need to create their own components. Each component contains the energy consumption information for the product it represents.

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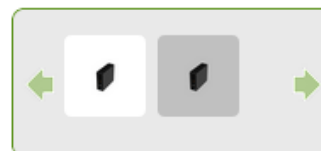
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10ZiG - 5402 - 115v

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Specification

| | |
|-----------------------------------------------|-------------------------------|
| Width | 14.05511 |
| Sleep Mode Default Time Upon Shipment | |
| Operating System Name | Linux, Windows CE, Windows XP |
| Processor Speed | 400 MHz |
| Processor Name | Eden |
| Source | EnergyStar 2010 |
| Manufacturer | 10ZiG |
| Capital Cost | 0 |
| Length | 3.8189 |
| Type | Category A |
| Voltage | 115v |
| Height | 11.81102 |
| Display Sleep Mode Default Time Upon Shipment | 15 minutes |



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Eco3D Component Library – Product Details page example.

Benefits

Through their use of Eco3D Component Library users can expect the following benefits:

3D Presentation – Every component is packaged with a 3D model, these can be generic for their category of item or specific to the model number of the item.

Accurate Data – By using the eco3D library you know the product information and energy consumption are accurate and up to date.

Ease of Use – Through using the Library you will be able to build 3D simulations very quickly and without much technical knowledge. All library components are plug and play.

Accessing the Library

You can browse the Eco3D Component Library without registering but you must register in order to access the component download and product details. In order to access the library you must enter your Eco3D or Visual Components license key upon registration.

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Eco3D Training

The Component Library on-line system has been designed from the ground up to make it as simple to use as possible. Full inline help and on-line help tutorials are available to help with every aspect of using the software and no formal training is supplied.

Please note that with your purchase of Eco3D an introduction to the Component Library is included and much of the formal training will rely upon use the Component Library. If you are a Visual Components license holder and would like to arrange for an on-line library tutorial, please contact us directly:

<http://www.eco3d.co.uk/contact.php>

Related Products

Eco3D offer a range of products to suit all requirements, additional brochures for these are available via the eco3D website.

Eco3D Professional

This software is packaged with a range of additional Eco3D Tools. Eco3D Professional allows users to re-create their business digitally. This allows users to calculate accurately their carbon footprint and predict the effects of change on their energy usage and working efficiency as well as costs.

Eco3D Standard

Similar to Eco3D Professional this software is packaged with a different set of tools and although it includes the full API it does not allow users to create new components from scratch or to fully customise any aspect of an existing component. The interface is similar to Professional and can make full use of the Eco3D Component Library to recreate your business digitally and predict energy savings.

Eco3D Lite

This product combines two of the Eco3D tools into a stand-alone package aimed at smaller organisations to help them take the first steps towards understanding their carbon footprint and making realistic energy savings.

Eco3D Component Manager

This is an on-line service offered to product manufacturers or anyone who creates components to make their products accessible to the Eco3D user base. This allows companies to customise the data that is displayed as well as the 3D geometry of their entries in the Eco3D Component Library. This powerful, intuitive on-line interface allows for individual details to be edited or for uploads to be made in bulk.

More Information

For more information or to make a software purchase please visit the Eco3D website: www.eco3d.co.uk.