

# Anguil Installation

## Experience you can TRUST

**Ability** to take your energy recovery project from start to finish is what separates Anguil from the competition, providing single source responsibility that allows you to focus on your business.

We start with an opportunity analysis, equipment recommendations, and an energy evaluation if necessary. Once selected, our team puts the project in motion with detailed design and quality fabrication.

The installation process is quite possibly the most important aspect of the project. We take special precautions to prevent disruptions in your process and ensure a timely, quality installation. Our capabilities include but are not limited to:

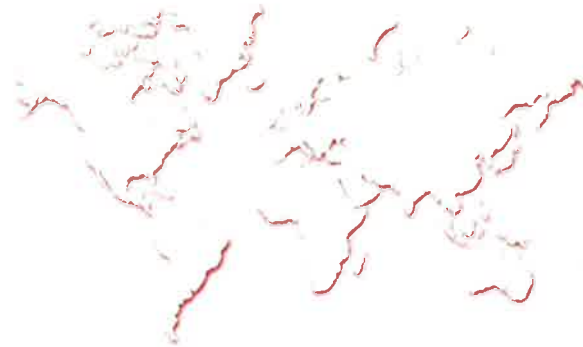
- Mechanical and Electric Installation
- Ductwork Design, Supply and Erection
- Exhaust Stack Modifications
- Controls Design, Supply and Interface
- System Integration Into Existing Processes
- System Startup and Balancing



### DID YOU KNOW?

Anguil has designed and supplied hundreds of innovative, cost-effective solutions for customers in search of greater heat and energy efficiency, either to augment their pollution control systems or as stand-alone energy cost reductions. This is particularly valuable experience in this time of unstable and rising fuel costs.

Anguil provides air pollution control and energy recovery systems worldwide, including engineering, fabrication, installation and technical support. Please contact us for the experienced Anguil Representative in your area. The process knowledge gained by addressing over 1,600 air pollution control and countless energy recovery projects around the world enables us to provide solutions that are not only application-specific but also cost-effective. We understand process parameters, return on investment demands, energy reduction technologies and compliance strategies.



## ANGUIL

### Anguil Environmental Systems, Inc.

Corporate Headquarters  
8855 North 55<sup>th</sup> Street  
Milwaukee, Wisconsin 53223-2358  
USA  
Tel (414) 365-6400  
Fax (414) 365-6410  
sales@anguil.com

### Anguil Europe

Envirocombustion Systems Ltd.  
Parkfield House  
Park Street  
Stafford ST17 4AL  
United Kingdom  
Tel + 44 1785 284001  
Fax + 44 1785 284002  
iainw@envirocombustion.co.uk

### Anguil East Region Office

Anguil Environmental Systems, Inc.  
88 E. Main Street  
Mendham, NJ 07945  
USA  
Tel / Fax (973) 543-8923  
sales@anguil.com

### Anguil Asia

Anguil Environmental Asia, Ltd.  
9F-3 No.321, Fu-Hsin South Rd.  
Sec. 1, Taipei  
Taiwan, R.O.C.  
Tel + 886-2-2705-2886  
Fax + 886-2-2709-0448  
sales@anguilasia.com  
www.anguilasia.com



# ANGUIL

## ENERGY RECOVERY

- Air-to-Air Heat Exchangers
- Air-to-Liquid Heat Exchangers
- Heat-to-Power
- Energy Evaluations

Committed to Energy Recovery.

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# Anguil Energy Recovery

**Process** systems and other energy consuming equipment represent a major portion of the operating costs for manufacturing facilities. Unstable fuel and electric costs are cutting directly into profits and have changed the way plant managers view energy consumption. Energy reduction through waste heat recovery has become the primary means of not only reducing operating costs but also limiting the environmental impact of facilities worldwide.

Anguil Environmental designs, manufactures, installs and services various types of energy recovery technologies. We have the ability to blend time-tested, standard products with engineered solutions to maximize your return on investment. Some advantages of working with Anguil:

- Over 30 Years of Experience in Multiple Industries
- Cost-Effective, Energy-Efficient Equipment
- Custom or Standard Equipment Designs
- Complete Turn-Key Installation Packages
- Energy Evaluations and Economic Analysis

Each system is custom engineered for the application. When working with Anguil, your management and staff will be confident that we have selected the most cost economical solution for your specific process. Integrated into an existing system or installed as a stand-alone piece of equipment, the Anguil energy recovery systems have many practical uses in:

- Process Heating / Cooling
- Plant Comfort Heat
- Parts Drying
- Air Pollution Control
- Preheated Combustion Air
- Heated Process Water
- Plant Power Generation

Our energy recovery systems are used in virtually every industrial application that utilizes heat in the process, including the Automotive, Chemical, Composites, Electronics, Ethanol, Food, Pharmaceutical, Oil, Printing and Converting industries. Whatever your industry, applying an Anguil system into a plant or process will help improve your bottom line.

# Innovative Solutions for Your Industry

**Energy** demands are unique, as is every energy-efficiency improvement possibility. At Anguil, our track record includes custom energy conservation and heat transfer systems that maximize efficiency at a competitive capital investment for optimal payback.

## Air-to-Air Heat Exchangers

Recovering waste heat is one of the easiest and most utilized means of reducing energy demands at industrial facilities. From the smallest exhaust stream to the largest, the Anguil family of heat exchangers can help you recover heat from energy consuming processes or exhaust stacks and return it as process air, preheated combustion air or plant comfort heat.



- Shell and Tube or Plate Type Designs
- Achieve up to 80+% Heat Recovery
- 100-100,000 SCFM Airflow Range
- All Welded Construction or Pressurized Seals
- Low Pressure Drop
- Small Foot Print
- Low Capital Equipment Cost
- Material of Construction Options
- Vertical or Horizontal Orientations and Multiple Flow Patterns

### Options Include:

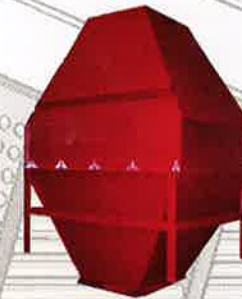
Uninsulated or Insulated, By-Pass Ducts and Dampers, Automatic Wash Systems, Particulate Hoppers, Supply Fans, Supply Filtration, Multiple Access Doors, Turnkey Installations, Manual or PLC Controls

## Heat-to-Power

Oftentimes the heat recovered by an Anguil system is not needed in the plant or a process, in which case we recommend an Heat-to-Power energy recovery system. Our patented systems are capable of sending kilowatts directly back into a facility for electrical power. Greater efficiencies and economic benefits are being achieved with advances of this technology, contact Anguil today for the latest information on our solutions.

## Air-to-Liquid Heat Exchangers

Whether you need to preheat process liquids or generate steam, waste heat is often best utilized in a liquid form. Heat that would typically be sent to atmosphere is captured and can be transferred to a variety of heat sinks such as boiler feedwater, makeup water, process water, glycol and other thermal fluid loops.



- Boiler Economizers, System Loops, Storage Tanks, Waste Heat Boilers, Glycol Loop and More
- Multiple Tube and Fin Types to Maximize Efficiency
- Variety of Sizes and Configurations
- Heating or Cooling Capabilities

### Options Include:

Modulating Dampers, Hinged Access Doors, Automatic Cleaning Capabilities, Pumps, Manual or PLC Controls, Pressure Gages, Digital Temperature Control, Bypass Loops

## Energy Evaluations

The purpose of our energy evaluation is to determine existing sources of waste heat, calculate their values, and evaluate energy recovery options. It begins by gathering data from existing processes for energy consumption and costs. The detailed report allows you to compare equipment options, system benefits and payback. A financial analysis is performed for each measure based on implementation cost-estimates, site-specific operating cost savings and investment criteria.