



vegawatt

Run your Restaurant on Waste Vegetable Oil!

Power Your Restaurant With Waste Vegetable Oil!

A **Vegawatt™ cogeneration system** turns **your waste vegetable oil** into electricity and hot water **at your restaurant**. The fully automated equipment is located at your site, and you never need to worry about an overflowing oil barrel, a missed pickup, or the mess associated with oil storage ever again. The best part is that you get the direct benefit of **lower power bills** and the peace of mind of having an **Emergency Generator**. Just deposit your waste oil into the system, and the **Vegawatt™** does the rest!

Vegawatt™ - Features

- ⊕ Automated production of 5 kW of electricity
- ⊕ Seamless integration into your workflow
- ⊕ Automated waste oil cleaning and processing
- ⊕ Emergency Backup Generator (optional)
- ⊕ Remote monitoring capability
- ⊕ Worry free maintenance
- ⊕ Compact onsite unit
- ⊕ Quiet operation

Your Benefits

- ⊕ Reduce electricity demand and energy costs
- ⊕ Reduce domestic hot water energy costs
- ⊕ Eliminate waste oil hauling costs
- ⊕ Protect your restaurant with an Automatic Emergency Backup Generator
- ⊕ Reduce pests associated with waste oil drums
- ⊕ Attract Eco-Friendly patrons

Environmental Benefits

- ⊕ Reduce waste hauling related pollution and waste in landfills and sewerage facilities
- ⊕ Reduce your carbon footprint
- ⊕ Reduce CO₂, NO_x and mercury emissions from electricity generation plants
- ⊕ Earn up to 11 LEED green building points
- ⊕ Earn 25 Green Restaurant Association points
- ⊕ Environmentally better than Bio-Diesel

5KW

S Y S T E M



Standard Specifications

- ⊕ 5 kW electrical output
- ⊕ 23,500 BTUh hot water output
- ⊕ Oil Consumption per week (GPW):
 - ⊕ 50 gallons minimum ‡
 - ⊕ 80 gallons maximum

Savings @ 80 GPW‡	Monthly	Annually
Electricity usage	\$560	\$6,717
Hot water	\$280	\$3,358
Demand charge	\$50	\$600
TOTAL savings	\$890	\$10,675

That's \$2.57 a gallon‡ for your used oil!

‡ The above numbers are based on Massachusetts electricity and natural gas rates. For a more detailed analysis of your potential payback, please contact us!
www.vegawatt.com GoGreen@vegawatt.com



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Run your Restaurant on Waste Vegetable Oil!

Out of the

deep fryer into your **pocket!**



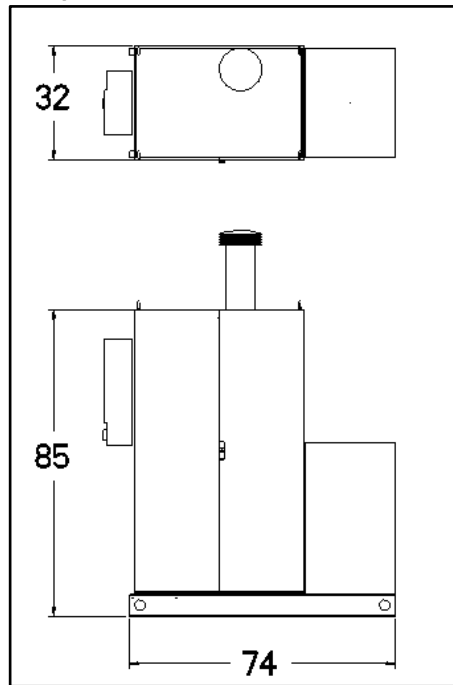
Your **waste oil** is the key to **utility cost savings!**

Transform Waste Vegetable Oil Into Electricity & Hot Water!

Let's get started:

Here are some of the specifics that you will want to know:

Dimensions	
Height	85 inches
Width	74 inches
Depth	32 inches
1200 Lbs	
Electrical	
208/240 Volt AC	
30 Amp 50/60 Hz	
5,000 Watts continuous	
Hot Water	
Inlet	¾ NPT Male
Outlet	¾ NPT Male
23,500 BTU	
Waste Oil Consumption	
0.50 gallons per hour	
80 gallons per week max	



The benefits of running your restaurant with a Vegawatt™ system:

- Save over \$800 a month* on your utility bills!
- FREE electricity onsite
- FREE hot water onsite
- Enjoy the protection of an Emergency Generator
- Eliminate Waste Vegetable Oil disposal fees
- Reduce your Electricity Demand charges
- Claim Federal, State, Local and Utility incentives.
- Reduce CO₂, NO_x, Sulfur and mercury emissions
- Reduce the dependence on fossil fuels
- Increase the reliability of the Electric Grid
- Reduce heavy truck traffic to your facility
- Attract more customers
- Save the Planet

- System must be located outside the facility near an exterior wall. Freestanding and rooftop mount units are available. System should be located on asphalt or on a concrete pad.
- 36 inches of clearance to be maintained around the system.
- Waste-Oil deposit system accepts standard shortening shuttles™, pumps carts, automated oil handling equipment, or direct pour deposits. Remote pour accessories are available.
- Installation requires a dedicated 30 Amp wire direct to a subpanel with adequate space for a dual height breaker. Interconnect utilizes a UL1741 approved Inverter.
- An external internet connection is required to utilize the remote monitoring capability.
- Thermal energy can be supplied as demand or base load energy. Please see the installation manual for detailed hot water layout options.
- Additional wiring is required for the Vegawatt™ to be used as an Emergency Backup Generator.
- Up to 11 LEED points are available: Onsite Renewable Energy Generation, Emissions Reduction Reporting, Solid Waste Reductions, and Innovations in Operations
- Specifications are subject to change.

Endorsed by



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