

**Your organic waste is a valuable resource...
Get the most out of it.**

Introducing EGOR™

Eco-Growth Organic Reactor

EGOR™ 125

Retail Price \$18,000 CAD

- Processes 125LBS Waste in 24 hours
- Low Operating Costs
- Requires Only a Dryer Vent and Power 1-Phase 250V 15A
- 46"L x 26"W x 36"H
- 3x Safety Redundancy Built-in
- Pairs with Eco-Growth Biofuel Boiler
- Automatic Shut-Off
- Rotation Shut Down
- Signals When Load is Complete
- Emergency Stop Button
- Robust stainless steel design
- Modular



EGOR™ 500

Retail Price \$44,000 CAD

- Processes 500LBS Waste in 24 hours
- Low Operating Costs
- Requires Only a Dryer Vent and Power 1-Phase 250V 50A
- 144"L x 24"W x 36"H
- 3x Safety Redundancy Built-in
- Pairs with Eco-Growth Biofuel Boiler
- Automatic Shut-Off
- Rotation Shut Down
- Signals When Load is Complete
- Emergency Stop Button
- Robust stainless steel design
- Modular

EGOR™ KC10

Retail Price \$69,000 CAD

- Processes 1000 – 3000lbs Waste in 24 hours
- EGOR™ custom biomass shredder
- 1000lb onboard hopper
- Low Operating Costs
- Requires Only a Dryer Vent and Power 3-Phase
- 208v@92.9fla
- 480v@50fla
- 600v@40fla(preferred)
- 215"L x 26"W x 90"H at tallest tower
- 3x Safety Redundancy Built-in
- Pairs and dumps into Eco-Growth dry biomass hopper to feed the boiler
- Automatic Shut-Off
- Rotation Shut Down
- Temperature sensors
- Waste heat integration from biomass boiler or solar
- Continuous feed
- Emergency Stop Button
- Robust stainless steel design
- Modular





PROCESSES 125LBS
to 5000LBS PER DAY

EGOR™ Benefits

Your waste is a valuable resource. Get the most of out it. Eco-Growth's Organic Reactors (trademarked EGOR™) is a smart, forward thinking solution for your organic waste, and will seamlessly integrate into your commercial facility's already efficient processes.



REDUCES WEIGHT OF
WASTE BY UP
TO 80%



OUTPUT IS DRY
ODOUR FREE HIGH
CALORIC BIOFUEL



SEAMLESS INTEGRATION
SIMPLE INSTALLATION

Organic waste streams such as food waste, paper towels, and miscellaneous organics are introduced to the EGOR, which converts raw waste to a high calorific biofuel. The EGOR™ patented system uses thermal vacuum technology to breakdown the organic waste in a 24 hour cycle. Unlike automatic composting machines, EGOR systems utilize very little power and do not emit CO2 due to their innovative scrubbing technology.

The residual biofuel produced from the thermal vacuum process is virtually odourless and is significantly reduced in weight and volume. Biofuel can be utilized onsite as the energy source for the Eco-Growth biofuel boiler system or removed for other applications. Current biofuel boiler operations include an industrial mat washing facility as a source to create hot water for the laundering process and heating a swimming pool at a recreation center.



SAVE ON OPERATING AND
HAULAGE COSTS

The EGOR™ technology is ideal for large corporate and municipal facilities, hotels and restaurant chains, recreation centers and sporting venues, or anywhere where food waste is generated daily.



COMPLIES WITH NEW
ORGANIC BY-LAWS



CARBON NEUTRAL

**Your organic waste is a valuable resource...
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Introducing Eco-Boiler™

- Operates on EGOR produced high caloric biomass fuel
- Thermal energy can be used to heat water, buildings, laundry, etc.
- Emission control scrubber captures CO₂ and repurposes it
- Available in sizes 120,000 to 700,000 BTU

Eco-Boiler™ 1520 **Retail Price \$55,000 CAD**

- 120,000BTU/hour
- 120volt single phase
- Automatic variable speed auger drive (15-20lbs/hr)
- Automatic ash removal
- Horizontal flu's
- Space-age heat refractory technology
- Robust stainless steel design
- Modular

Eco-Boiler™ 4050 **Retail Price \$89,000 CAD**

- 350,000BTU/hour
- Automatic ash removal
- 220volt single phase
- Automatic variable speed auger drive (40-50lbs/hr)
- Horizontal flu's
- Space-age heat refractory technology
- Robust stainless steel design
- Modular

Eco-Boiler™ 80100 **Retail Price \$109,000 CAD**

- 600,000-700,000BTU/hour
- Automatic ash removal
- 220volt single phase
- Automatic variable speed auger drive (80-100lbs/hr)
- Horizontal flu's
- Space-age heat refractory technology
- Robust stainless steel design
- Modular



**Your organic waste is a valuable resource...
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Eco-Growth Value Added Products

Biomass Discharge Auger and Hopper Included in Boiler

- **Pricing**
- Conveys dry biomass to Eco-Boiler
- Easy integration with Eco-Boiler
- Burn back safety Water Tank
- Doesn't require dedicated power source
- Place fryer grease on top of dry biomass in hopper for additional BTU's
- Robust stainless steel design
- Modular



Biomass Emissions Scrubber Retail Price \$21,000 CAD

- Emission control scrubber prevents CO2 from entering atmosphere
- Captures Particulate
- Captured CO2 mixed with water to create carbonic acid commodity for use in Pools, Laundry's, or as a weak acid based cleaner.
- Easy integration with Eco-Boiler
- Robust stainless steel design



MADE IN



CANADA



EGOR™ KC10



MADE IN

CANADA