



## Clean Burn Products Overview

**Ecological Solutions** is proud to offer the full line of Clean Burn furnaces, boilers, and recycling centers.

Clean Burn multi-oil heating systems let you safely and economically burn used oil generated on site. It provides free heat -- dramatically cutting or eliminating your heating costs -- while eliminating your used oil liability and disposal costs.

Clean Burn products are UL-listed, meet all EPA requirements, feature advanced combustion technology and carry a 10-year limited warranty.

## Clean Burn Furnaces

Not all used-oil-fired furnaces are built alike. In fact, many so-called used-oil furnaces are merely adaptations of conventional fuel-oil heating systems. Not so with Clean Burn. Every Clean Burn furnace is designed exclusively to burn used oil--and burn it efficiently, safely, and reliably. From the design of the burner and heat exchanger to the distributor who installs and services it, a Clean Burn furnace is your best choice in used-oil heating and recycling. Here's why over 40,000 owners chose Clean Burn:

### Heavy Duty Construction

A combustion chamber made of heavier, thicker steel results in extra durability. On average, our furnaces weigh up to 200 lbs. more than many competitive furnaces

### Three-Pass Heat Exchanger

Large, round flow tubes are staggered to enhance air flow and provide higher BTU output, higher efficiency and lower stack temperatures.

### Patented burners with pre-heater block

An innovative burner designed exclusively to burn used oil. Pre-heater block assembly heats the oil and air supply to ensure consistent oil viscosity and temperature to the nozzle for complete combustion. Swing-away burner design provides quick, easy access to the combustion chamber. No need to disconnect oil, air and electrical lines.

### Heavy Duty Oil Pump

A beefy fuel flow control pump allows the furnace to be installed up to 300 ft. from the oil storage tank. It also permits the use of an outside storage tank where, in colder temperatures, many competitive pumps can't function.



### Complete Versatility

Unique Clean Burn furnace provides design provides installation versatility. Furnace can be ceiling mounted or placed on tank stands as part of Clean Burn's recycling center. Burner design permits the use of readily available shop air or fitted with a Clean Burn unit-mounted compressor.

### Easy Maintenance

Larger flue passageways than found on many competitive furnaces means longer operational time between routine cleanings. On average, a Clean Burn furnace only requires cleaning every 700 to 1000 hours, as compared to every 350 hours for many competitive units.

### Industry Leader since 1979

Dependable installation and after-sale service and parts support. UL-accredited research and test facility develops continuing advances in used-oil burning technology. All Clean Burn furnaces are UL and ULC listed and meet EPA guidelines for the on-site recycling of used-oil. Exclusive endorsement by General Motors for use in their dealerships worldwide. GSA contract #GS-07F-9531G.

## Clean Burn Boilers

The Clean Burn CB-350-CTB Coil Tube Boiler is engineered from the ground up exclusively to burn used oils, and burns standard fuel oil for added versatility. The CB-350-CTB provides hot water while complying with EPA regulations for used oil recycling through heat recovery.

The CB-350-CTB is unique in the industry as a small scale coil tube design. It is designed and engineered for use as a single boiler unit or as part of a series of boilers working as a larger system. It is listed at 350,000 BTU/hr and is unsurpassed for robust engineering, construction and reliability.

Typical installations include car washes, truck service facilities, radiant floor heating, and other places where economical production of hot water is an operational benefit.



## Clean Burn Recycling Centers

When used in combination with a Clean Burn furnace, a state-of-the-art Clean Burn Recycling Center is the ideal system for collecting, storing and generating heat recovered from used oils. The Clean Burn Recycling Center works with most Clean Burn used-oil furnace models and provides a 250 gallon storage tank.

A Clean Burn Recycling Center makes oil handling and free heat generation easier because it combines the tank and furnace in one convenient unit.

In addition to a Clean Burn furnace and all its components, the industrial grade Clean Burn Recycling Center includes a used oil storage tank, legs, supports, brackets, mounting plates and wiring harnesses.



### Recycling Centers

Stand alone systems for collecting, storing and generating heat recovered from used oils

An array of flexible, custom systems designed to meet your heating needs



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