

The **#1** Waste Oil Furnace In Customer Satisfaction™



CLEAN  BURN™



www.CleanBurn.com

WHY CLEAN BURN

THE CLEAN BURN ADVANTAGE

The technologies for efficiently burning used-oils for reliable heat recovery are extremely demanding. Used-oil viscosities vary widely, and oils contain grime of all types. It requires precision engineering and leading edge technology to handle it right. It requires a Clean Burn heating system.

Clean Burn heating units are the longest-lasting, best-engineered in the industry. The bottom line for your business is obvious. Within a very short time, the investment in a Clean Burn used-oil heating system pays back more handsomely than any other alternative available. With our unmatched service and support, you'll realize energy savings and a comfortable working environment.

It's time you experienced the one investment that is sure to pay both immediate and long-term dividends. It's time for a reliable source of free heat.



Repair Shop



Trucking/Automotive



Heavy Equipment

The #1 Selling Used-Oil Furnace of All Time



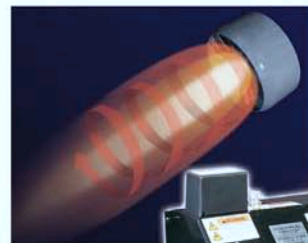
Discover The Clean Burn Advantage

**Turn Your Oil Flow
Into Cash Flow**

High-Efficiency Furnaces: More Heat From Less Oil

Your company's used-oil is a free source of fuel. But the efficiency of your heating system's design and the quality of its construction will determine how far you can stretch your savings. When faced with unpredictable energy costs, only Clean Burn can maximize the value of your oil.

At the heart of Clean Burn's amazing efficiencies is the Clean Burn Heat Exchanger. Our furnaces are specially designed to allow up to 250% greater heated surface area compared to other competitive systems. The result—far greater heat recovery and longer service life.



The Legendary Burner System

Engineered from the ground up specifically to burn used oils, the combination of pre-heater block, ignition system and special retention head make the Clean Burn Burner unique in the industry.



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IT'S TIME FOR CLEAN BURN

The World Leader In Used-Oil Heating Systems

High-Capacity Boilers: "Coil-Tube" Technologies— Max BTU's

**Easier Boiler Maintenance.
Cuts Cleaning Time By Up To 80%.**

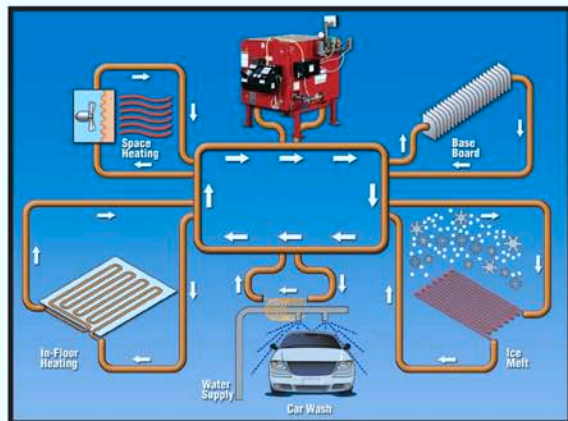
Patented Clean Burn technologies allow you to dramatically cut your maintenance time—as little as 1/8 the time spent cleaning comparable competitor's models.

Competitor units typically require 2 hours of cleaning for every 400 hours of operation. Clean Burn Coil-Tube Boiler systems take just 30 minutes every 750-1000 hours of operation. The swing-away burner and door allow for easy cleaning. Clean Burn is unmatched for reliability, performance and long service life.

*Coil-Tube Design
is the heart of this
unique low mass
boiler system.*



*Clean Burn Coil Tube Boilers can be stacked
as part of a larger system. Your Authorized
Clean Burn Distributor is fully trained and
knowledgeable about used-oil boiler applications.*



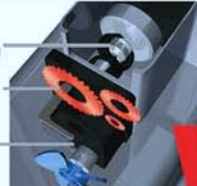
"INSTANT HEAT"—VERSATILE BOILER TECHNOLOGIES
Clean Burn boilers provide "instant" hot water for a wide range of applications, with high efficiency in used oil heat recovery.

7 REASONS TO BUY CLEAN BURN

Take The Clean Burn Challenge

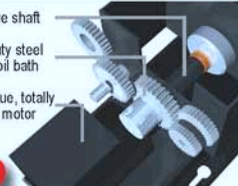
	Clean Burn®	Other
1. Engineered from the ground up to burn used-oils	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Safety listed to work with every type used-oil and fuel oil	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. High strength non-welded flue tubes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. The industry's cleanest-burning most efficient used-oil heating system	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Longest cleaning intervals of any unit in its class	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Authorized Clean Burn Distributor Service & Support	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Industry-leading Warranty	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Fabricated sheet-metal or plastic coupling
Plastic gears, grease-packed
Low torque fan-cooled open motor



Pumps oil a maximum 50' distance, with minimum 50°F oil temperature.

Steel drive shaft
Heavy duty steel gears in oil bath
High torque, totally enclosed motor



Pumps oil a maximum 300' distance, with minimum -40°F oil temperature. Nothing else compares for reliability and for providing more installation options.

Typical "Off-The-Shelf" Competitor's Pump

- Plastic Coupling or Fabricated Sheet-Metal
- Plastic Gears, Grease-Packed
- Low-Torque Fan-Cooled Open Motor

Clean Burn's Powerful & Dependable Metering Pump

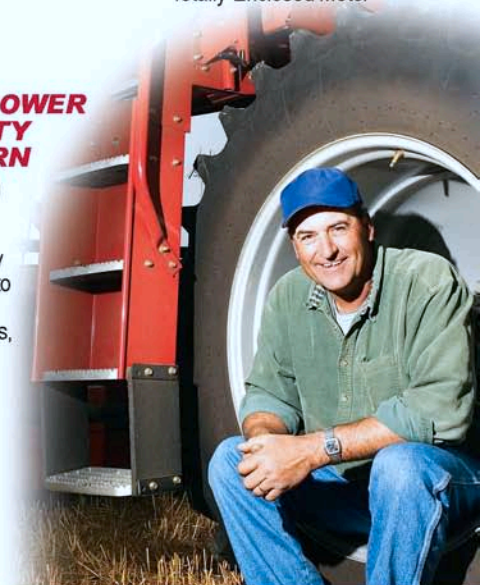
- Steel Drive Shaft
- Heavy Duty Steel Gears In Oil Bath
- High Torque, Totally-Enclosed Motor

NOTHING ELSE MATCHES THE POWER & DEPENDABILITY OF A CLEAN BURN

For reliability and installation options, nothing else compares. Superior Clean Burn pumping systems carry the potential to pump oil up to 300' distance with minimum -40F degree oil temperatures, and are powerful enough to draw oil stored in outside tanks.

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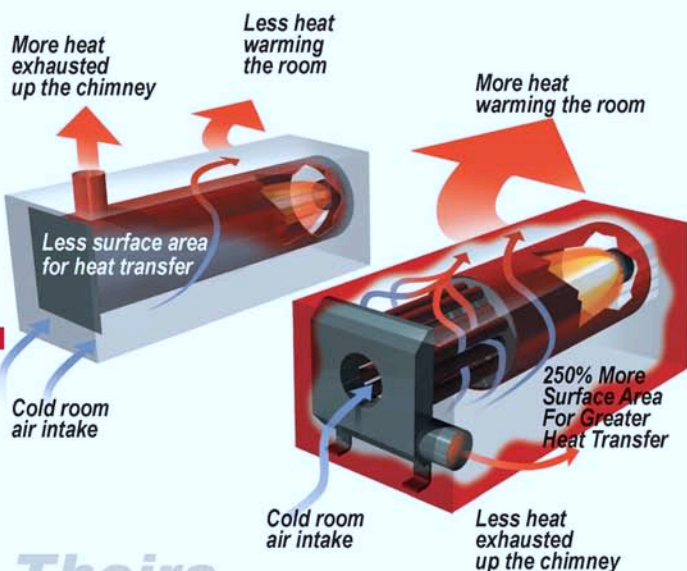


IT'S TIME FOR CLEAN BURN

Proven Technologies. Engineered Like No Other Used-Oil Heating System.

**What You See
Makes It A Clean Burn.**

**What You Can't See
Makes It Burn Clean**



Theirs

Typical "Blast Tube" Low-Efficiency Design

- Less Heat Delivered To Your Work Area
- Lower Surface Area For Heat Transfer
- More Heat Escapes Through Your Chimney
- Require Excessive Maintenance
- Shorter Equipment Life

Clean Burn

Advanced "Clean Burn" High-Efficiency Heat Exchanger

- Maximum Heat Delivered To Your Work Area
- 250% More Surface Area For Greater Heat Transfer (compared to competitive units)
- Less Heat Loss Through Your Chimney
- Less Maintenance
- Longest Equipment Life



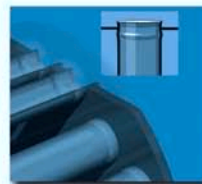
The Energy Retention Disk

This unique Clean Burn feature helps capture more heat per gallon by diverting the flame path, which results in greater heat generation with lower stack temperatures.



Patented Heat Exchanger Performance

The patented long-lasting Clean Burn Heat Exchanger delivers more heat from less oil—while providing a longer service life.



Manufactured For Durability

Clean Burn's unique metal-joining processes are more durable than welding. Swaging allows for expansion and contraction of the joints without cracking, to ensure a longer life.



Door swings open for easy cleaning.



Burner swings out for easy service.

Inside The Red Box.

The Common Sense Heating System.

Unmatched engineering and quality construction lie at the heart of our furnaces. Cold air is heated by contact with the large volume of heat exchange surface area as it is circulated around the flue tubes. Hot gases return through the interconnected flue tubes, transferring more heat to the room air. Used-oil is more thoroughly combusted due to our patented energy retention disk in the combustion chamber generating more heat and higher efficiency in your shop.

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Precision Engineered For Maximum Performance.

Clean Burn furnaces are engineered, designed and manufactured to provide you with

- 1) Easier installation
- 2) Reduced cleaning requirements
- 3) Highest efficiency performance in the industry
- 4) Maximum service life of your furnace
- 5) Burns synthetic and regular weight used motor oils

Easy-Access Design Features— For Easy-Clean Maintenance

- In-line washable oil filter
- Vacuum gauge for filter
- Wall thermostat
- Tank filter
- Barometric damper
- Oil line fittings package
- Oil supply pump



Meet the Family of Clean Burn Waste-Oil Furnaces & Boilers



Model CB-5000

The Model CB-5000, our largest furnace, is rated at approximately 500,000 BTU/hr. Popular at facilities with multiple bays. UL listed for use as a unit heater or central (ducted) furnace.

***Maximum BTU/hour**
500,000 (146 kW)

***Maximum oil consumption**
3.3 GPH (12.5 L/h)

Fuels
Used oils Crankcase, ATF, hydraulic
Fuel oils #2, #4, and #5 fuel oil

Air flow output (CFM)
Unit heater 5500
Central furnace (ducted)
0.25 SPWC (in.) 5200
0.40 SPWC (in.) 5000

***Compressed Air Required**
2.5 CFM @ 25 PSI
(4.2 m3/h @ 1.7 bar)

Stack size
10 inch dia. (25cm dia.)

Furnace dimensions, assembled
78" L x 38" W x 73" H
(198cm x 97cm x 185cm)

Approx. weight (uncrated)
1036 pounds (466.2 kg)

Electrical requirements
230 VAC 60 Hz, single phase



Model CB-3500

The Clean Burn Model CB-3500 is rated at approximately 350,000 BTU/hr. Designed for easy installation and convenient service. UL listed for use as a unit heater or central (ducted) furnace.

***Maximum BTU/hour**
350,000 (102 kW)

***Maximum oil consumption**
2.3 GPH (8.7 L/h)

Fuels
Used oils Crankcase, ATF, hydraulic
Fuel oils #2, #4, and #5 fuel oil

Air flow output (CFM)
Unit heater 4200
Central furnace (ducted)
0.25 SPWC (in.) 4000
0.40 SPWC (in.) 3800

***Compressed Air Required**
2.0 CFM @ 25 PSI
(3.4 m3/h @ 1.7 bar)

Stack size
8 inch dia. (20cm dia.)

Furnace dimensions, assembled
74" L x 35" W x 61" H
(188cm x 89cm x 155cm)

Approx. weight (uncrated)
836 pounds (379 kg)

Electrical requirements
230 VAC 60 Hz, single phase
30 A circuit breaker



Model CB-3250

The largest of the four Clean Burn low profile models, the Model CB-3250 used-oil furnace is rated at approximately 325,000 BTU/hr. UL listed for use as a unit heater or central (ducted) furnace.

***Maximum BTU/hour**
325,000 (95.3 kW)

***Maximum oil consumption**
2.1 GPH (7.9 L/h)

Fuels
Used oils Crankcase, ATF, hydraulic
Fuel oils #2, #4, and #5 fuel oil

Air flow output (CFM)
Unit heater 3300
Central furnace (ducted)
0.25 SPWC (in.) 3150
0.40 SPWC (in.) 2900

***Compressed Air Required**
2.5 CFM @ 25 PSI
(4.2 m3/h @ 1.7 bar)

Stack size
8 inch dia. (20cm dia.)

Furnace dimensions, assembled
121" L x 31.25" W x 35" H
(307cm x 80cm x 89cm)

Approx. weight (uncrated)
641 pounds (288.7 kg)

Electrical requirements
230 VAC 60 Hz, single phase
30 A circuit breaker



Model CB-2500

The most popular of the four low profile models, the Model CB-2500 used-oil furnace is rated at approximately 250,000 BTU/hr. Popular at facilities with multiple bays. UL listed for use as a unit heater or central (ducted) furnace.

***Maximum BTU/hour**
250,000 (73 kW)

***Maximum oil consumption**
1.7 GPH (6.4 L/h)

Fuels
Used oils Crankcase, ATF, hydraulic
Fuel oils #2, #4, and #5 fuel oil

Air flow output (CFM)
Unit heater 2700
Central furnace (ducted)
0.25 SPWC (in.) 2500
0.40 SPWC (in.) 2400

***Compressed Air Required**
2.5 CFM @ 25 PSI
(4.2 m3/h @ 1.7 bar)

Stack size
8 inch dia. (20cm dia.)

Furnace dimensions, assembled
103.25" L x 29.25" W x 31.5" H
(262cm x 74cm x 79cm)

Approx. weight (uncrated)
509 pounds (229.1 kg)

Electrical requirements
115 VAC 60 Hz, single phase
30 A circuit breaker



Model CB-1750

The Clean Burn Model CB-1750 is rated at approximately 175,000 BTU/hr. Low profile design for convenient installation. UL listed for use as a unit heater or central (ducted) furnace.

***Maximum BTU/hour**
175,000 (51.25 kW)

***Maximum oil consumption**
1.2 GPH (4.54 L/h)

Fuels
Used oils Crankcase, ATF, hydraulic
Fuel oils #2, #4, and #5 fuel oil

Air flow output (CFM)
Unit heater 1700
Central furnace (ducted)
0.25 SPWC (in.) 1500
0.30 SPWC (in.) 1400

***Compressed Air Required**
2.0 CFM @ 25 PSI
(3.4 m3/h @ 1.7 bar)

Stack size
8 inch dia. (20cm dia.)

Furnace dimensions, assembled
83.25" L x 29.25" W x 31.5" H
(219 x 74 x 79cm)

Approx. weight (uncrated)
406 pounds (182.7 kg)

Electrical requirements
115 VAC 60 Hz, single phase
30 A circuit breaker



Model CB-140

The Clean Burn Model CB-140 is the smallest and most economical Clean Burn used-oil furnace in terms of initial cost. It produces approximately 140,000 BTU/hr. and is ideal for small garages, shops, and workspaces.

***Maximum BTU/hour**
140,000 (41 kW)

***Maximum oil consumption**
1.0 GPH (3.8 L/h)

Fuels
Used oils Crankcase, ATF, hydraulic
Fuel oils #2, #4, and #5 fuel oil

Air flow output (CFM)
Unit heater 2000
Axial fan
Furnace cannot be ducted

***Compressed Air Required**
2.5 CFM @ 30 PSI
(4.2 m3/h @ 2.0 bar)

Stack size
6 inch dia. (15cm dia.)

Furnace dimensions, assembled
61" L x 32" W x 32" H
(155cm x 81cm x 81cm)

Approx. weight (uncrated)
220 pounds (99.8 kg)

Electrical requirements
115 VAC 60 Hz, single phase
30 A circuit breaker

Furnaces

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* Values indicated above are nominal. Actual values will vary depending on fuel and installation.

Specifications are subject to change without notice.

IT'S TIME FOR CLEAN BURN



Model CB-500-CTB

*Maximum BTU/input:
500,000 (146.5 kW)

*Maximum BTU/output:
372,000 (109.0 kW)

Fuels
Used oils Crankcase, ATF, hydraulic
Fuel oils #2, #4, and #5 fuel oil

Heating surface:
97 sq. ft. / 9.0 sqM

Boiler water volume:
20.6 gal. / 78 L

Design water flow per coil
37 gpm / 140 lpm

Cabinet dimensions
66.38" L x 40" W x 42" H
(169cm x 102cm x 107cm)

**Overall dimensions
(with burner/breach/plumbing)**
86.13" L x 43.5" W x 47.85" H
(219cm x 110.5cm x 121.5cm)

Approx. weight (uncrated)
1600 pounds (725.7 kg)

Electrical requirements
115 VAC 60 Hz, single phase

*Maximum oil consumption
3.57 GPH (13.5 L/h)

Stack size
10 inch dia. (25cm dia.)

*Compressed Air Required
2.5 CFM @ 25 PSI
(4.25 m3/h @ 1.7 bar)

Recommended clean-out
1000 hours



Model CB-350-CTB

*Maximum BTU/input:
350,000 (102 kW)

*Maximum BTU/output:
260,000 (76.2 kW)

Fuels
Used oils Crankcase, ATF, hydraulic
Fuel oils #2, #4, and #5 fuel oil

Heating surface:
68 sq. ft. / 6.3 sqM

Boiler water volume:
12 gal. / 45.4 L

Design water flow per coil
25 gpm / 95 lpm

Cabinet dimensions
56" L x 34" W x 34.5" H
(142cm x 86cm x 88cm)

**Overall dimensions
(with burner/breach/plumbing)**
74" L x 39.25" W x 41" H
(188cm x 100cm x 104cm)

Approx. weight (uncrated)
1240 pounds (562.4 kg)

Electrical requirements
115 VAC 60 Hz, single phase

*Maximum oil consumption
2.5 GPH (9.5 L/h)

Stack size
8 inch dia. (20cm dia.)

*Compressed Air Required
2.5 CFM @ 25 PSI
(4.25 m3/h @ 1.7 bar)

Recommended clean-out
1000 hours



Model CB-200-CTB

*Maximum BTU/input:
200,000 (58.6 kW)

*Maximum BTU/output:
148,500 (43.5 kW)

Fuels
Used oils Crankcase, ATF, hydraulic
Fuel oils #2, #4, and #5 fuel oil

Heating surface:
39 sq. ft. / 3.6 sqM

Boiler water volume:
5 gal. / 19 L

Design water flow per coil
15 gpm / 57 lpm

Cabinet dimensions
40" L x 29" W x 29.5" H
(101cm x 74cm x 75cm)

**Overall dimensions
(with burner/breach/plumbing)**
59" L x 33.25" H x 37" W
(150cm x 84cm x 94cm)

Approx. weight (uncrated)
677 pounds (304.7 kg)

Electrical requirements
115 VAC 60 Hz, single phase

*Maximum oil consumption
1.4 GPH (5.3 L/h)

Stack size
8 inch dia. (20cm dia.)

*Compressed Air Required
2.0 CFM @ 25 PSI
(3.4 m3/h @ 1.7 bar)

Recommended clean-out
750 hours



Used-Oil Recycling Center

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 includes a 215 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 complete with all vents, connectors, brackets, mounting plates and wiring harnesses.

Your Clean Burn Distributor is a qualified expert in system selection, installation and service, and will make sure you get the system that is perfect for your facility.

**optional equipment shown*

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Furnace and Boiler Systems Include:

- In-line washable oil filter
- Vacuum gauge for filter
- Wall thermostat
- Tank filter
- Barometric damper
- Oil line fittings package
- Oil supply pump

* Values indicated above are nominal. Actual values will vary depending on fuel and installation.

Specifications are subject to change without notice.

Approximate system dimensions with Clean Burn furnace installed:

CB-140	140,000 BTU/hr	80" L x 36" W x 116" H	204cm x 91cm x 295cm
CB-1750	175,000 BTU/hr	83" L x 36" W x 127" H	211cm x 91cm x 323cm
CB-2500	250,000 BTU/hr	103" L x 36" W x 127" H	262cm x 91cm x 323cm
CB-3250	325,000 BTU/hr	121" L x 36" W x 131" H	307cm x 91cm x 323cm

IT'S TIME FOR CLEAN BURN

Built To Last

For The World's
Most Demanding Environments

For Businesses Generating Used Motor Oil

It's time to discover the tremendous savings your company can experience from the installation of a durable Clean Burn heating system. If your business generates used motor oil, you'll benefit by reducing your company's heating costs—potentially all the way to zero.

Clean Burn. Green Burn.

In a world faced with severe environmental challenges, Clean Burn just makes sense. First, recycling your used oil through on-site heat recovery reduces risks of spill and contamination. Second, the use of used oils as a fuel source sharply reduces pressure on natural gas and fuel oil supplies. Finally, Clean Burn used-oil combustion meets or exceeds every Environmental Protection Agency (EPA) requirement for helping preserve clean air. The EPA and corresponding agencies worldwide recognize Clean Burn equipment as a preferred method of recycling used motor oils.



World-Class Service

Three Reasons To Call Your Authorized Clean Burn Distributor Today

- 1) Assistance In Designing the Right Heating System for Your Business to Maximize ROI
- 2) Full Installation—Meeting Every Local Code
- 3) Service After the Sale—Highly Responsive and Unequaled

FREE Heat for a wide range of commercial facilities—including Yours

Corporate facilities of every type are discovering the tremendous energy savings that can be easily delivered through the installation of a Clean Burn Energy System:

- ☒ New Car Dealerships
- ☒ Automotive Service Centers & Shops
- ☒ Carwash Facilities
- ☒ Quick Lube & Tire Centers
- ☒ Service Facilities (RVs, trains, busses, boats, etc.)
- ☒ Construction Companies
- ☒ Excavation & Mining Companies
- ☒ Farms & Agri-Businesses
- ☒ Corporate Fleet Facilities
- ☒ Recycling/Salvage Facilities

If your business generates used-oil, your company is the ideal site for Clean Burn used-oil furnaces and boilers. You'll benefit in many ways, including:

- 1) Reducing your heating costs—potentially to zero
- 2) Providing the safest possible handling of your firm's waste oil
- 3) Reducing the need for new energy consumption from the earth's energy reserves.

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IT'S TIME FOR CLEAN BURN

The World's Most Reliable Source Of Free Heat

A World-Wide Reputation For Reliability

Tractor Dealer

"We absolutely love this unit," says Greg Larimore, owner of Webster County Tractor Company in Marshfield, Missouri. The company has been saving energy costs for more than four years with his Clean Burn 2500 unit. "Our Clean Burn hasn't missed a beat—we get 100 percent free heat."

Agri Business

"We have 17 trucks that haul thousands of cattle each year throughout the western portion of the United States," says Brad Bingham, vice president of Bingham Livestock in Tremonton, Utah. "In maintaining those trucks, we have a great deal of used motor oils to dispose of all the time. The Clean Burn furnace we've had for five years is great. I think every farmer who maintains heavy equipment should have these units."

Auto Dealer

"We recycle almost 10,000 gallons of used-oils each year with our Clean Burn units," says Gordon Moore, vice president of McCormick Motors in Nappanee, Indiana. "The energy savings are significant. But the most important benefit is that we've eliminated our liability for transporting the used-oils to a disposal site and we're doing something positive for the environment."

**More Clean Burn
Used-Oil Heating Systems
Are In Use Today
Than Any Other Brand
In The World.**



UL listed, ASME tested and approved.

**See your Authorized
Clean Burn Distributor
Today.**



Tire Center

In 2006, Robinson Tire was spending \$4,000 yearly in gas heating costs. Since adding their Clean Burn furnace, they've reduced gas usage by 87 percent. The Lafayette, Indiana seven-bay auto center has just added a second Clean Burn furnace and expects even greater energy savings in the future.

Truck & Auto Dealer

"One of the first things we did when we purchased our 13,000-square foot reconditioning and clean-up building was buy our Clean Burn furnace," says Craig Burkholder, president of Magnam Truck and Auto in Lima, Ohio. "We create more than 2,300 gallons of used-oils every year with the sports utility vehicles and trucks we sell and service. Remarkably, for the past two years the Clean Burn unit has converted our waste fuels into energy. We're looking to buy more of these units in the near future!"

Construction Company Owner

Two Clean Burn furnaces purchased in December of 2007 recycled 6,000 gallons of used oils in just three months, saving the Kilbarger Construction of Logan, Ohio, more than \$28,000.

"These units will more than pay for themselves within the first year," says mechanic Mike Smith. "We deal with a large amount of heavy equipment, drilling rigs and trucks. They produce an exceptional amount of used-oil during their maintenance. Now we're transforming that used-oil into free heat for our 13,000-square foot shop operations."

Car Wash & Lube

"We've invested in Clean Burn units for the past 11 years because they're a critical part of our successful operations," says Mike Mountz, owner of Cloister Car Wash & Lube in Pennsylvania.



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