



*Versatile Hot Water Technology*

## Used-Oil Coil Tube Boilers

### Models CB-200-CTB, CB-350-CTB and CB-500-CTB

Clean Burn offers the industry's only coil tube boilers engineered from the ground up to burn used oils. They efficiently recycle used oils as a free fuel source to generate hot water, and are remarkably versatile for a wide range of applications, such as car wash facilities, baseboard heating, space heating, in-floor heating and ice melt applications.

Only Clean Burn offers three sizes of used-oil coil tube boilers, each UL listed for use in central heating systems. These can be used in combination to create a boiler system perfectly sized for any facility.

As the industry gold standard for robust construction, reliability and long service life, Clean Burn provides a greater return on investment than any other equipment of its kind. And Clean Burn distributors provide unrivaled service and support.



**Model CB-500-CTB**



**Model CB-350-CTB**



**Model CB-200-CTB**



Clean Burn is a strong advocate of environmental protection and energy conservation. Our multi-oil heating systems, storage tanks and recycling centers eliminate extra handling and transportation of used oils and, consequently, help avoid the possibility of used oils entering our water supplies.



***The first choice for reliability, economy and return on investment***



#### **Easier maintenance**

With Clean Burn Coil Tube Boilers, you spend 30 minutes cleaning every 750-1000 hours of operation. With competitive units, you spend 2 hours cleaning every 400 hours of operation.



#### **Patented burner technology**

The Clean Burn burner swings out for easy cleaning, maintenance and service. An exclusive heater block, atomizer and combustion mechanism make Clean Burn unmatched for reliability, performance and long service life.



#### **Wired, plumbed for installation**

Clean Burn Coil Tube Boilers arrive with wiring and plumbing in place, helping make installation much faster and easier. They meet all national fire and safety codes.

# The world's most reliable, most technically advanced used-oil boilers, only from Clean Burn.



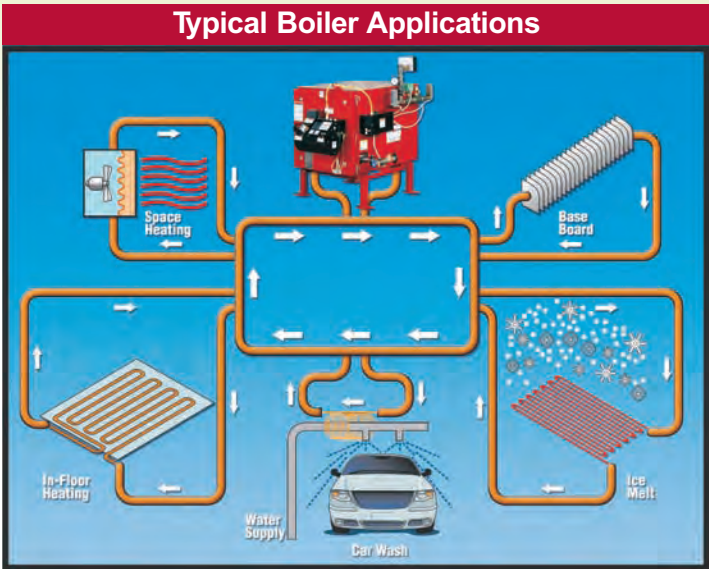
## Multiple Clean Burn Boilers can be used to create larger systems.

Clean Burn Coil Tube Boilers are uniquely designed for installation flexibility. Each is engineered for use as a single boiler unit, or as part of a series of boilers working as a larger system.

- Three-pass heat exchanger captures more heat for greater efficiency
- Low-mass water design provides quick start-up and reduces stack heat loss
- Patented burner engineered exclusively for used-oil combustion
- System is pre-plumbed, pre-wired, ready for installation
- Narrow cabinet designs provide installation flexibility



UL listed, ASME tested and approved.



Clean Burn used-oil boiler systems are so versatile that they are used for a wide range of applications, from heating water in a car wash to in-floor heating systems and more.

MODEL	CB-200-CTB	CB-350-CTB	CB-500-CTB
BTU/hour input:	200,000 / 58.6 kW	350,000 / 102 kW	500,000 / 146.5 kW
BTU/hour output:	148,500 / 43.5 kW	260,000 / 76.2 kW	372,000 / 109.0 kW
Fuels: Used oils Fuel oils	Crankcase, ATF and hydraulic #2, #4, #5	Crankcase, ATF and hydraulic #2, #4, #5	Crankcase, ATF and hydraulic #2, #4, #5
Heating surface	39 sq. ft. / 3.6 sqM	68 sq. ft. / 6.3 sqM	97 sq. ft. / 9.0 sqM
Boiler water volume	5 gal. / 19 L	12 gal. / 45.4 L	20.6 gal. / 78 L
Design water flow per coil	15 gpm / 57 lpm	25 gpm / 95 lpm	37 gpm / 140 lpm
Cabinet dimensions	39.5" L x 29" W x 29" H 1003 mm x 737 mm x 737 mm	56" L x 34.25" W x 34.5" H 1422 mm x 870 mm x 876 mm	66.5" L x 39.75" W x 41.75" H 1689 mm x 1009 mm x 1060 mm
Overall dimensions (with burner/breach/plumbing)	57.5" L x 33.25" W x 37" H 1460 mm x 844 mm x 939 mm	74" L x 39.25" W x 41" H 1880 mm x 997 mm x 1041 mm	85.25" L x 43.5" W x 47.85" H 2165 mm x 1105 mm x 1215 mm
Approximate weight	677 lbs. / 304.7 kg	1240 lbs. / 562.4 kg	1600 lbs. / 725.7 kg
Electrical requirements	115 VAC 60 Hz single phase*	115 VAC 60 Hz single phase*	115 VAC 60 Hz single phase*
Maximum oil consumption	1.4 GPH / 5.3 lph	2.5 GPH / 9.5 lph	3.57 GPH / 13.5 lph
Stack size	8" / 203 mm	8" / 203 mm	10" / 254 mm
Air compressor req's	2.0 CFM @ 25 PSI 3.4 m³/h @ 1.7 bar	2.5 CFM @ 25 PSI 4.25 m³/h @ 1.7 bar	2.5 CFM @ 25 PSI 4.25 m³/h @ 1.7 bar
Recommended clean-out	750 hours	1000 hours	1000 hours

\*230V / 50 Hz units also available



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

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*All Clean Burn products  
are backed by unmatched  
professional factory  
installation and service*