

# COLUMBIA

**WASTE OIL BURNING EQUIPMENT & SERVICES  
MEETS EPA GUIDELINES FOR ON-SITE RECYCLING OF USED OIL**

## **KWO-500** 500,000 BTU Boiler



- Optional tankless coil for warm car wash water or domestic water supply
- Large removable flue box and rear turn-around for easy cleaning
- Hinged burner door for quick access to fire chamber
- Attractive insulated jacket
- Choice of burner/nozzle combinations to satisfy your heating requirements

**REAL BOILERS, built by BOILER MAKERS**

*Since 1936*



*You can do **BETTER** with Columbia*

**GOOD** people. **BETTER** Boilers. **BEST** value.

www.columbiaboiler.com



# AN ECONOMICAL HYDRONIC HEATING SYSTEM FOR...

- TRUCK AND AUTO DEALERSHIPS
- TRUCK AND AUTO REPAIR FACILITIES
- QUICK LUBE SHOPS
- TRANSMISSION REPAIR FACILITIES
- TRUCK AND CAR WASH FACILITIES
- FLOOR OR RADIANT HEAT APPLICATIONS
- BIODIESEL PRODUCTION/  
TANK HEATING
- GREENHOUSES, SHEDS,  
BARNs



**RECYCLE YOUR USED CRANKCASE OIL, TRANSMISSION FLUID, HYDRAULIC FLUID, SYNTHETIC OILS, VEGETABLE & COOKING OILS. ALSO BURNS #1 AND #2 FUEL OIL, AND BIODIESEL.**

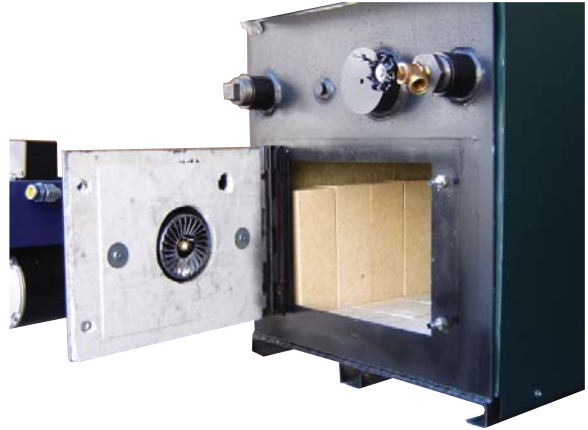
**LARGER BOILERS ARE AVAILABLE.**

**INTENDED FOR COMMERCIAL USE ONLY**



At the heart of all our waste oil boilers is the patented Shenandoah burner with its easy-to-clean patented slide-out gun assembly and quick-disconnect. This industry-recognized and time-proven burner incorporates the latest flame control technology and high-voltage multi-try ignition.

**YOUR LOCAL DISTRIBUTOR**



Burner swing door and large rear turn-around allow quick and convenient maintenance of combustion and heat transfer areas.

## SPECIFICATIONS AND DATA

MODEL KWO 500,000	MIN	MAX
Waste Oil GPH (approx.)	2.5	3.5
Input BTUH (approx.)	350,000	500,000
Gross Output BTUH (approx.)	280,000	400,000
Gross H.P.	8	12
GPH Single Coil Temp Rise 100°F*	264	470
Water Volume, Gals.	75	
Boiler Width, with Controls	30"	
Depth, with Burner	80"	
Boiler Height	50"	
Supply	2"	
Returns (4)	2"	
Flue Outlet	10"	
Compressed Air Requirements	2CFM @ 40 psi	
Electrical Requirements: 115/60, 15 Amp (220/50, 7.5 Amp also available)		
Boiler Weight (Dry)	1,350 lbs.	
Total Shipping Weight (approx.)	1,600 lbs.	
Canadian Boiler Registration:		
Operating Pressure	30 psi Water	
Fuels: Used crankcase oil, transmission and hydraulic fluids, synthetic oils, and other petroleum based lubricants (any weight combination up to SAE 50 including #1 and #2 fuel oil)		
<b>STANDARD EQUIPMENT:</b> ASME Boiler, Waste Oil Burner w/Primary Control, ASME Relief Valve, Oil Pump and Filter Kit, Installation Kit & Manual, Insulated Flush Jacket, Theraltimeter Gauge, Operating and Manual High-Limit Aquastats, Low Water Cut-Off, Cleaning Brush, Boiler Drain Valve, Optional Tankless Coil		
<b>OPTIONAL:</b> Oil Storage Tanks, Hydronic Unit Heaters, Hyrdonic Duct Coils.		

\*Water coil is an option and must be ordered separately.

\*\*Baffles may be required for maximum output.

America's Most Trusted Name in Waste Oil Burning Equipment & Services

# COLUMBIA® BOILER COMPANY

P.O. Box 1070, Pottstown, PA 19464 • Phone (610) 323-2700 • Fax (610) 323-7292

www.columbiaboiler.com



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