

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.

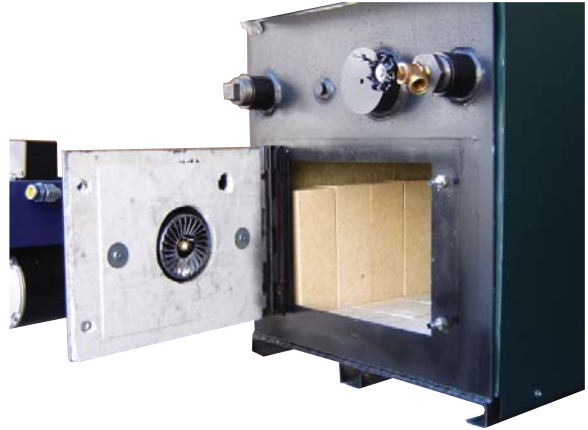
LARGER BOILERS ARE AVAILABLE.

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) | | |
| STANDARD EQUIPMENT: 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 | | |
| OPTIONAL: 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

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www.columbiaboiler.com



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