

## ASME Certified STANDARD

### Vessel Construction

The only boiler vessel built specifically for waste oil from the ground up. Our heavy carbon-steel construction is stronger and more efficient than cast-iron and coil-tube boilers provided by other brands.

## Safety STANDARD

- Low water cut off
- High temperature limit
- Pressure relief valve
- Triple aquastat

## Optional Integrated Domestic Hot Water Coil

An open loop domestic coil can be added to run closed and open loops simultaneously. Provides hot water for restrooms, carwash, dishwashers and more. Unit can operate as a stand-alone system using the hot water coil.

## Digital Hour Meter STANDARD

Tracks runtime

## Removable Rear Panel EXCLUSIVE

Speeds and simplifies straight-through cleaning (see below).

## Wet Floor Based Heat Exchanger STANDARD

Water-cooled heat exchanger prevents hot spots and deterioration.

## Small Footprint STANDARD

Saves space and makes installation simpler and more flexible with unit stacking and flue options.

## Metering Fuel Pump PATENTED

Reliable, consistent fuel delivery regardless of fuel type (up to 90W) with no manual adjustments.

## Integrated Air Compressor STANDARD

Built in so you don't have to connect to and rely on shop air, providing 24/7 heating availability.

## Accutemp Preheater PATENTED

Rapidly heats the widest range of viscosities of used oil, synthetic oil and other acceptable fuels.



## Easy Access & Maintenance

### Swing Open Boiler Door STANDARD

Easy access to the firing chamber for cleaning

View of front



View of back



### Rear Panel Removal

Clean the chamber faster and easier than other brands. Push ash straight through with one tool. Cleans in 30 minutes or less.

## Flame Retention Head PATENTED

This patented design creates a hotter flame for complete fuel combustion and highest heat output. Less ash is produced resulting in longer maintenance intervals than competitor brands.

Pictured: 375B boiler

# Boilers

200B



375B



500B



	200B		375B		500B	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC
<b>BTU Input</b>	200,000 BTU per hour	58.3 kW per hour	375,000 BTU per hour	110 kW per hour	499,000 BTU per hour	146 kW per hour
<b>Fuel Flow Rate</b>	1.4 gallons/hour	5.3 liters/hour	2.7 gallons/hour	10.2 liters/hour	3.6 gallons/hour	13.6 liters/hour
<b>Water Output Temp. (max)</b>	230 F	110 C	230 F	110 C	230 F	110 C
<b>Domestic Hot Water Output</b>	4 gal/min at 100 F temp rise	15 liters/min at 37.8 C temp rise	6 gal/min at 100 F temp rise	22 liters/min at 37.8 C temp rise	1 coil: 8 gal/min at 100 F 2 coils: 16 gal/min lower	1 coil: 30 liters/min at 37.8 C 2 coils: 60 liters/min lower
<b>Boiler Capacity</b>	30 gallons	114 liters	43 gallons	162.75 liters	52 gallons	200 liters
<b>Inlet Water Temp.</b>	140 F minimum	60 C minimum	140 F minimum	60 C minimum	140 F minimum	60 C minimum
<b>Exhaust Flue Diameter</b>	8" diameter	20.32 cm diameter available	8" diameter	20.32 cm diameter	10" diameter	25.4 cm diameter
<b>System Dimensions</b>	45" H x 32" W x 50" D	114 cm H x 82 cm W x 127 cm D	42" H x 28" W x 60" D	107 cm H x 71 cm W x 152 cm D	45" H x 32" W x 68" D	114 cm H x 82cm W x 173 cm D
<b>Shipping Weight</b>	790 lbs	358.34 kg	1042 lbs	472.64 kg	1160 lbs	526.17 kg
<b>Shipping Weight w/ 250 gal Tank</b>	1237 lbs	561 kg	1450 lbs	656 kg	1550 lbs	705 kg

## Optimum performance to heat water for multiple applications

In-floor radiant heat  
Ice melt  
Hot water for carwash  
Potable water  
Built in capability to run open and closed loop systems

## Operating Pressure

Low pressure, 30 psi

## Approved Fuels

Used crankcase oils, ATF, No. 2 fuel oil, up to 90 weight gear oil and diesel fuel

## Electrical Req.

115 VAC 60Hz, 25 amps | maximum dedicated circuit

## Warranty

10 years on boiler vessel, five years full and five years prorated  
Three years on parts

## Regulation and Certification

EPA-approved  
UL-listed system  
ASME-certified vessel  
Canadian Registration (CRN) available in approved provinces for waste oil heating

## Storage Tanks Sold separately

Optional UL and CUL listed, workbench tanks are designed specifically for the use of waste oil heating with firematic safety valves, water drain valves and side suction port. Available in several sizes including 70 gallon, 130 gallon, 250 gallon\* and 500 gallon\*.

\*Single and double-wall available.



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