

Boilers



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
66.5" L x 39.75" W x 41.75" H
166cm x 101cm x 106cm

**Overall dimensions
(with burner/breach/plumbing)**
85.25" L x 43.5" W x 47.85" H
(2165mm x 1105mm x 1215mm)

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. (254mm dia.)

***Air compressor req'd**
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 34.25" W x 34.5" H
142cm x 87cm x 88cm

**Overall dimensions
(with burner/breach/plumbing)**
74" L x 39.25" W x 41" H
(1880mm x 997mm x 1041mm)

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. (203mm dia.)

***Air compressor req'd**
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
39.5" L x 29" W x 29" H
100cm x 74cm x 74cm

**Overall dimensions
(with burner/breach/plumbing)**
57.5" L x 33.25" W x 37" H
(1460mm x 844mm x 939mm)

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. (203mm dia.)

***Air compressor req'd**
2.0 CFM @ 20 PSI
(3.4 m3/h @ 1.4 bar)

Recommended clean-out
750 hours

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.