



CC500 COMBINATION OIL/WOOD HOT WATER BOILER

The Benjamin Heating Products manufacturing facility incorporates CAD/CAM technology, delivering the most modern, efficient heating appliances possible for today's discerning consumer.

- The "DUTCH OVEN" concept of completely surrounding both fireboxes with cooling water prevents damage from overheating and eliminates the need for firetubes.
- Unique compact size uses less of your valuable floor space.
- Completely separate oil and wood firebox chambers.
- Wood on top for ease of loading.
- Wood firebox 19½" diameter x 23¼" depth.
- Compact unit; easy to install; less piping; neater job.
- CC500 does not sacrifice oil efficiency to burn wood.
- No fire tubes means the unit is easier to clean.
- Two rear-mounted coils for domestic hot water.
- Choice of Aero, Riello or Beckett high efficiency burners.
- Will operate during power failure on gravity flow if complete boiler system properly designed and installed.



6 YEAR LIMITED WARRANTY ON UNIT

COMPACT DESIGN!!

*Over 35 years experience designing
and manufacturing heating products—
assuring quality and heating efficiency.*



CC500 COMBINATION OIL/WOOD HOT WATER BOILER

CERTIFIED TO: CSA B140.7.1, CAN/CSA B366.1, UL391 AND UL726

SPECIFICATIONS

Overall Dimensions: 29-3/4" L x 24-1/4" W x 47" H 2 - 7" I.D. Smoke Pipe
 Supply & Return 1-1/4" (OIL 17-1/2" \pm Height, WOOD 39-1/2" \pm Height)
 Water Capacity: 41 US Gallons Cast Iron Wood Fire Door 12" x 14"
 Shipping Weight: 890 lbs

CONTROL KIT

2 Transformers	1 1/2" Drain Valve	1 Blocked Flue Sensor
1 Flame Retention Burner	1 Triple Aquastat	2 Circulator Pumps
1 Damper Motor w/ chain	1 Tridicator	1 Single Aquastat
1 Pressure Relief Valve	1 Hot Water Control	1 Normally Open Zone Valve

DELEVAN NOZZLES

RIELLO BURNERS

MODEL	INPUT US GPH	NOZZLE SIZE	PUMP PSIG	Burner Insertion - F5 4-1/8"			OUTPUT BTU	EFFICIENCY OIL
				RIELLO MODEL	TBLTR	AIR (INITIAL)		
CC500R	0.90	.75 X 80°B	145	F5	1.50	3.5	107,000	85.3
CC500R	1.02	.85 X 80°B	145	F5	3.25	3.75	120,700	84.9

BECKETT BURNERS

MODEL	INPUT US GPH	NOZZLE SIZE	PUMP PSIG	Burner Insertion: 4"			OUTPUT BTU	EFFICIENCY OIL
				BECKETT MODEL	AIR (INITIAL)			
CC500B	0.89	.75 X 80°B	140	AFG	10	1	106,600	84.9
CC500B	1.00	.85 X 80°B	140	AFG	10	2	118,700	85.1

AERO BURNERS

MODEL	INPUT US GPH	NOZZLE SIZE	PUMP PSIG	Burner Insertion: 4"			OUTPUT BTU	EFFICIENCY OIL
				AERO MODEL	AIR BAND			
CC500A	0.85	.85 X 80°B	100	HF-US	15 HOLE		101,200	85.4
CC500A	1.00	1.00 X 80°B	100	HF-US	15 HOLE		118,300	84.9



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