


BRADFORD WHITE®

Aero Series Residential Energy Saver Oil-Powered

Features:

- **Factory installed Hydrojet® Total Performance System—(Center flue models only)** cold inlet sediment reducing device. Helps prevent sediment build up in tank. Increases first hour delivery of hot water while minimizing temperature build up at top of tank.
- **Vitraglas® lined tank**—Bradford White water heater tanks are protected from the corrosive effects of hot water by an exclusive ceramic porcelain-like coating. The Bradford White high silica Vitraglas® lining provides a tough interior surface for our water heater tanks, which must withstand the wearing effects of high volume and high temperature water.
- **Flexible stainless steel baffle—(Center flue models only)** hinged for low ceiling removal and cleaning. Designed for optimal heat transfer.
- **Controls**— dual immersion aquastat (supplied with burner) for precise, easy water temperature regulation and safety.
- **Fiberglass insulation**—High density fiberglass insulation provides a thick blanket around tank and combustion chamber for more heat retention and maximum fuel efficiency.
- **Ceramic fiber combustion chamber** concentrates the flame for a smaller, hotter fire and faster transfer of maximum heat.
- **Protective magnesium anode rods—(Rear flue models have one anode rod)** provides added protection against corrosion for long trouble-free service.
- **Brass drain valve.**
- **Lowest operating cost**—Bradford White oil-fired water heaters provide hot water more economically than heaters powered with other fuels. Costs can be cut as much as 60 percent with these new units.
- **High recovery rates**—oil heats water 3 to 4 times faster than other methods. These models are designed to assure a constant supply of hot water provided the draw-off rate is within the recovery capacity of the unit.
- **T&P relief valve included.**
- **Installation**—occupies relatively little floor space and does not require a separate fuel oil storage tank when used in an oil-heated residence.
- **Oil Burners**— Aero and Beckett are available. Carlin and Riello are optional burners, but not available through Bradford White.
- **Limited warranty**— Six years on tank. Two years on parts and burner.

MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS:
5,954,492; 5,761,379; 5,943,984; 5,081,696; 5,988,117; 6,142,216; 5,199,385;
6,684,821; 5,574,822; 5,372,185; 5,485,879; 5,277,171; (B1)5,341,770; 5,660,165;
5,596,952; 5,682,666; 4,904,428; 5,023,031; 5,000,893; 4,669,448; 4,829,983;
4,808,356; 5,115,767; 5,092,519; 5,052,346; 4,416,222; 4,628,184; 4,861,968;
4,672,919; Re. 34,534. OTHER U.S. AND FOREIGN PATENT APPLICATIONS
PENDING. CURRENT CANADIAN PATENTS: 1,272,914; 1,280,043; 1,289,832;
2,045,862; 2,112,515; 2,108,186; 2,107,012.

BURNERS
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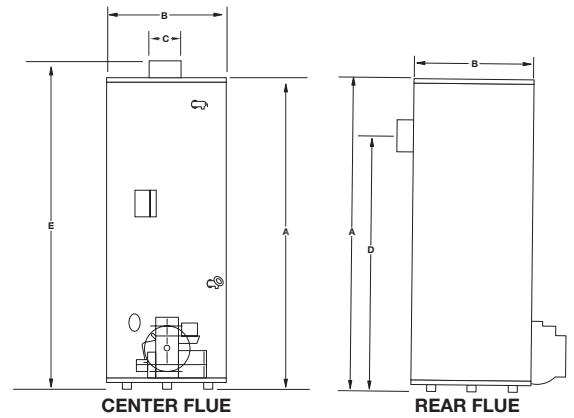
Photo is of CF-32-6

Energy Saver Oil-Powered

Energy Saving Oil-Powered Models

Meets ASHRAE 90.1b (current edition)

Requirements.



Residential Energy Saver Oil-Powered Models

Model Number	U.S. Gal. Cap.	Liters	Recomm. Firing Rate U.S. GPH	Liters/ Hour	Recovery at 100°F Rise		A		B		C		D		E		Water Connection in mm	Air Tube Length in mm	Approx. Shipping Weight lbs. Kg.			
					U.S. GPH	Liters/ Hour	Height in mm	Jacket Dia. in mm	Flue Conn. in mm	Floor to Flue Center in mm	Floor to Flue in mm											
CF-32-6	32	121	.65/.75	2.5/2.8	102	386	51½	1308	20¾	521	6	152	—	—	53¾	1365	¾	19	5½	133	215	98
CF-50-6	50	189	.75/.85	2.8/3.2	97/114	367/431	62	1575	23¾	597	6	152	—	—	64¾	1632	¾	19	7	178	275	125
RF-30-6	30	114	.85	3.2	116	439	55½	1410	23¾	597	6	152	49	1245	—	—	¾	19	7	178	250	113
RF-30SX-6	30	114	.85	3.2	118	446	49½	1257	24¾	629	6	152	43	1092	—	—	¾	19	7	178	210	95
RF-50-6	50	189	1.25/1.35	4.7/5.1	184	696	68½	1740	26¾	673	7	178	61	1549	—	—	1½	32	7½	191	360	163

CF = Center Flue
RF = Rear Flue

Center flue models from 32 to 50 gallons capacity deliver recovery rates as high as 114 gallons per hour, rear flue models are designed for heavier demand with recovery rates as high as 184 gallons per hour (RF-50-6).

Aero Burners

Part Number	Description
239-44275-00	Aero Burner for RF-30-6 and RF-30SX-6
239-44276-00	Aero Burner for RF-50-6
239-44273-00	Aero Burner for CF-32-6
239-44274-00	Aero Burner for CF-50-6

Beckett Burners

Part Number	Description
228-44392-07	Beckett Burner for RF-30-6 and RF-30SX-6
228-44392-09	Beckett Burner for RF-50-6
228-44392-01	Beckett Burner for CF-32-6
228-44392-03	Beckett Burner for CF-50-6

Suitable for Water (Potable) Heating and Space Heating

Toxic chemicals, such as those used for boiler treatment, shall NEVER be introduced into this system. This unit may NEVER be connected to any existing heating system or component(s) previously used with a non-potable water heating appliance.

General: All Oil-Powered water heaters are certified at 300 PSI test pressure (2068 kPa) and 150 PSI working pressure (1034 kPa).

Fuel: Approved for use with No. 2 fuel oil or lighter. Power Supply: 60 cycle, 115 volt, single phase (consult factory for other voltages.) All models meet or exceed the performance standard established under ASHRAE standard 90.1b (current edition). Recovery rates are based on 100°F temperature rise (40° to 140°F). Shipping weight for water heater less Oil Burner - deduct 40 lbs/18 kg.

All water heaters meet or exceed DOE and CSA B211 energy requirements as certified by ETL. All water heaters must be installed with a temperature and pressure relief valve and on a non-combustible floor. All water heaters are approved for use with "L" vent.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

2-Year Limited Warranty on Component Parts

BRADFORD WHITE CORPORATION has a 2-year warranty on replaceable parts— burner, controls, dip tube, drain valve. These quality components are manufactured for us by industry leaders and will be replaced in the event of failure during the parts warranty period (exclusive of shipping and re-installation cost.)§

6-Year Limited Tank Warranty

BRADFORD WHITE CORPORATION LIMITED WARRANTY: Protects your investment in a quality glass-lined water heater. If the tank leaks for reasons of faulty materials, workmanship, or corrosion within the warranty period, the heater will be replaced with a comparable heater of our manufacture (exclusive of shipping and re-installation cost.)§

§ Some states do not allow limitations on warranties. For products installed in USA, Canada and Puerto Rico, see complete copy of the warranty included with the heater.

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For U.S. and Canada field service, contact your professional installer or local Bradford White sales representative.

Sales/800-523-2931
Fax/215-641-1670

Technical Support/800-334-3393
Fax/269-795-1089

Warranty/800-531-2111
Fax/269-795-1089

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