

FR Light Commercial

Oil-Fired, Steel, Water Boiler



- **230 to 462 Net BTUs**
 - In 5 sizes
- **Chimney vented**
- **Integrated boiler control**
 - User-friendly
 - Energy-saving “thermal purge” feature circulates residual warm water in heating system prior to firing boiler
 - Combination high limit circulator relay
 - Extensively tested & proven
- **Horizontal firetube heat exchanger, 1/4” and 5/16” boiler-plate steel**
 - Meets the ASME Boiler and Pressure Vessel Code
- **Wet leg design**
 - Provides more heat transfer surface for increased heating efficiency
- **Available with Dual Coils (FR350 through FR462)**
 - Provides increased domestic hot water capacity
 - For models FR-350 through FR-462



New Yorker[®]
RESIDENTIAL HEATING BOILERS

MADE IN

U . S . A .

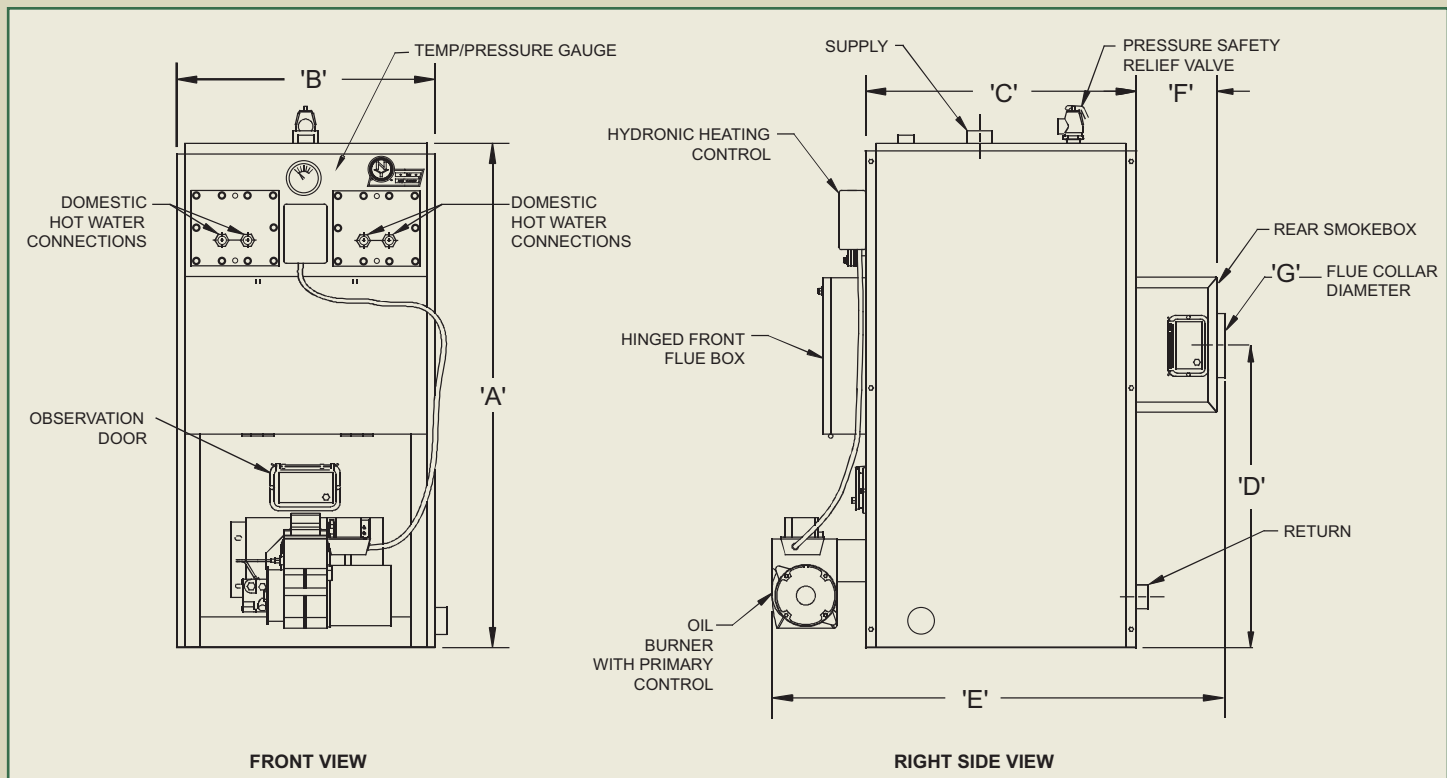
Ratings, Specifications, and Dimensions



Model	FR-265-W	FR305-W	FR-350-W	FR-400-W	FR-462-W
Gross Output MBH	265	305	350	400	465
Net AHRI Rating	230	265	304	348	402
Firing Rate (gal./hr.)	2.35	2.60	3.00	3.50	4.00
Stack Diameter	8	8	10	10	10
Number of Tubes	24	24	33	33	33
Boiler Water Capacity (gal.)	52	52	70	70	80
Supply Size (dia.)	3	3	3	3	3
Return Size (dia.)	2	2	3	3	3
Tankless Heater *Dual Coil Avail.	5	5	5*	5*	5*
Chimney Size (min.)	8" x 12" x 15'	8" x 12" x 18'	8" x 12" x 20'	12" x 12" x 20'	12" x 12" x 25'
Approx. Shipping Weight (lbs.)	900	900	1100	1100	1200
Jacket Height - 'A'	51-1/8	51-1/8	58	58	58
Jacket Width - 'B'	21-7/8	21-7/8	25-7/8	25-7/8	25-7/8
Jacket Depth - 'C'	25-7/8	25-7/8	27-7/8	27-7/8	33-7/8
Smoke Outlet Height - 'D'	34	34	35-3/4	35-3/4	35-3/4
Overall Depth - 'E'	38-3/4	38-3/4	40-7/8	40-7/8	46-3/4
Smokebox Depth - 'F'	6-1/8	6-1/8	6-1/8	6-1/8	6-1/8
Flue Collar O.D. - 'G'	7-7/8	7-7/8	9-7/8	9-7/8	9-7/8

Standard Features

- Horizontal firetube boiler
- Integrated boiler control system
- 3450 RPM flame retention Beckett oil burner
- Beckett GeniSYS primary control
- Electronic ignitor 14KV
- Clean cut fuel pump
- Tridicator
- Relief valve
- Low water cut-off
- Tankless coil for FR350-W through FR-462-W, optional
- National board registration
- Cast iron observation door
- Aquastat
- 1-stage fuel pump dual coils available



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