



OUR BEST JUST
GOT BIGGER ...
AND BETTER.

ULTRA HIGH EFFICIENCY COMMERCIAL GAS WATER HEATERS.

Now Available in 119 Gallon Capacity.



- ✓ Available inputs of 399,999 and 499,000 BTU/hr.
- ✓ New improvements for easier installation, maintenance and reduced downtime including:
 - Optional plugged top water outlet
 - Front-located exhaust
 - Powered anode rods
 - Ideally-located space heating connections
 - Prominently-positioned ICON HD™ display
- ✓ With 119-gallon capacity, the eF Series® now provides additional options for high-demand needs. Specifiers and engineers can recommend the proven performance of the eF Series® for ALL their commercial customers.

DELIVERING WHAT YOU'D EXPECT
FROM THE **eF SERIES®**

eF Series® Efficiency. Fully condensing design with 94% Thermal Efficiency.

eF Series® Quality. Superior Vitraglas® enamel lining. Durable, tamper-proof brass drain valves.

Proven eF Series® Performance. Down-fired premix power burner for efficient heating. ICON HD™ Commercial Control System for accurate temperature control. High recovery rates. Ultra quiet operation.

— BRADFORD WHITE IS —

**AMERICAN
STRONG**

Built to be the Best™

www.bradfordwhite.com



QUALITY ENGINEERING FROM TOP TO BOTTOM.

- 1 DOWN-FIRED PREMIX POWER BURNER**
Automatically regulates fuel flow for optimum combustion.
- 2 SUBMERGED COMBUSTION CHAMBER**
Minimizes radiant heat loss for better efficiency.
- 3 ICON HD™**
Commercial Control System.
- 4 THREE PASS HEAT EXCHANGER SYSTEM**
Provides maximum heat transfer surface area.
- 5 HYDROJET® SEDIMENT REDUCTION SYSTEM**
Provides longer life and better performance.



THE BRADFORD WHITE
ICON HD™
COMMERCIAL CONTROL SYSTEM

THE COMMERCIAL eF SERIES® MODELS

Model Number	Nominal Gal. Capacity		Input BTU/Hr. Input	Therm. Eff. %	A Floor to Top of Heater	B Jacket Dia.	C Floor to Front Hot Water Conn.	D Floor to Cold Water Conn.	E Floor to Gas Conn.	F Floor to Vent Conn.	G Floor to Air Intake Conn.	H Floor to T&P Conn.	J Floor to Top Hot Water Conn.	Water Conn. Dia.	Gas Conn. Dia.	Relief Valve Conn.	Approx. Shipping Weight
	U.S. Gal.	Imp. Gal.			in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
EF-120T-400-3N(A)	119	99	399,999	94.0	77 1/8	33	61 1/4	12 1/4	73 7/8	6 3/4	71	58 1/2	72 1/2	1 1/2	1	1	1120
EF-120T-500-3N(A)	119	99	499,000	94.0	77 1/8	33	61 1/4	12 1/4	74 7/8	6 3/4	71	58 1/2	72 1/2	1 1/2	1	1	1135

Model Number	Nominal Liter Capacity	Input kW/Hr. Input	Therm. Eff. %	A Floor to Top of Heater	B Jacket Dia.	C Floor to Front Hot Water Conn.	D Floor to Cold Water Conn.	E Floor to Gas Conn.	F Floor to Vent Conn.	G Floor to Air Intake Conn.	H Floor to T&P Conn.	J Floor to Top Hot Water Conn.	Water Conn. Dia.	Gas Conn. Dia.	Relief Valve Conn.	Approx. Shipping Weight
				mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.
EF-120T-400-3N(A)	450	117.2	94.0	1959	838	1556	311	1877	171	1804	1486	1842	38	25	25	508
EF-120T-500-3N(A)	450	146.5	94.0	1959	838	1556	311	1902	171	1804	1486	1842	38	25	25	515

Recovery Data

Model Number	GPH Recovery at Degree Rise*										LPH Recovery at Degree Rise*													
	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	110°F	120°F	130°F	140°F	17°C	22°C	28°C	33°C	39°C	44°C	50°C	56°C	61°C	67°C	72°C	78°C
EF-120T-400-3N(A)	1520	1140	912	760	651	570	507	456	414	380	351	326	5754	4315	3452	2877	2464	2158	1919	1726	1567	1438	1329	1234
EF-120T-500-3N(A)	1893	1420	1136	947	811	710	631	568	516	473	437	406	7166	5375	4300	3585	3070	2688	2389	2150	1953	1790	1654	1537

(A) = ASME Available.

* = Recoveries are based on listed AHRI Thermal Efficiencies. Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.



THE eF SERIES® MEANS SAVINGS.

When compared to a traditional non-condensing water heater, the eF Series® could save hundreds or even thousands of dollars each year in energy costs. Check out our eF Series® Calculator on bradfordwhite.com/efcalculator.

— BRADFORD WHITE IS —



Committed to the Professional.

©2019, Bradford White Corporation. All rights reserved. EF120-SS-0319



www.bradfordwhite.com