

# EAGLE OIL STEAM SERIES EOS B/T



# NATIONAL

## HVAC MANUFACTURING COMPANY

MADE IN USA

A dark blue, rectangular oil-fired steam boiler unit is shown against a background of a stylized American flag. The unit has a control panel on the top right with a 'NATIONAL' label, a circular access door on the front, and a burner assembly at the bottom. A 'Beckett' label is visible on the burner assembly. An Energy Star logo is in the bottom left corner of the image area.

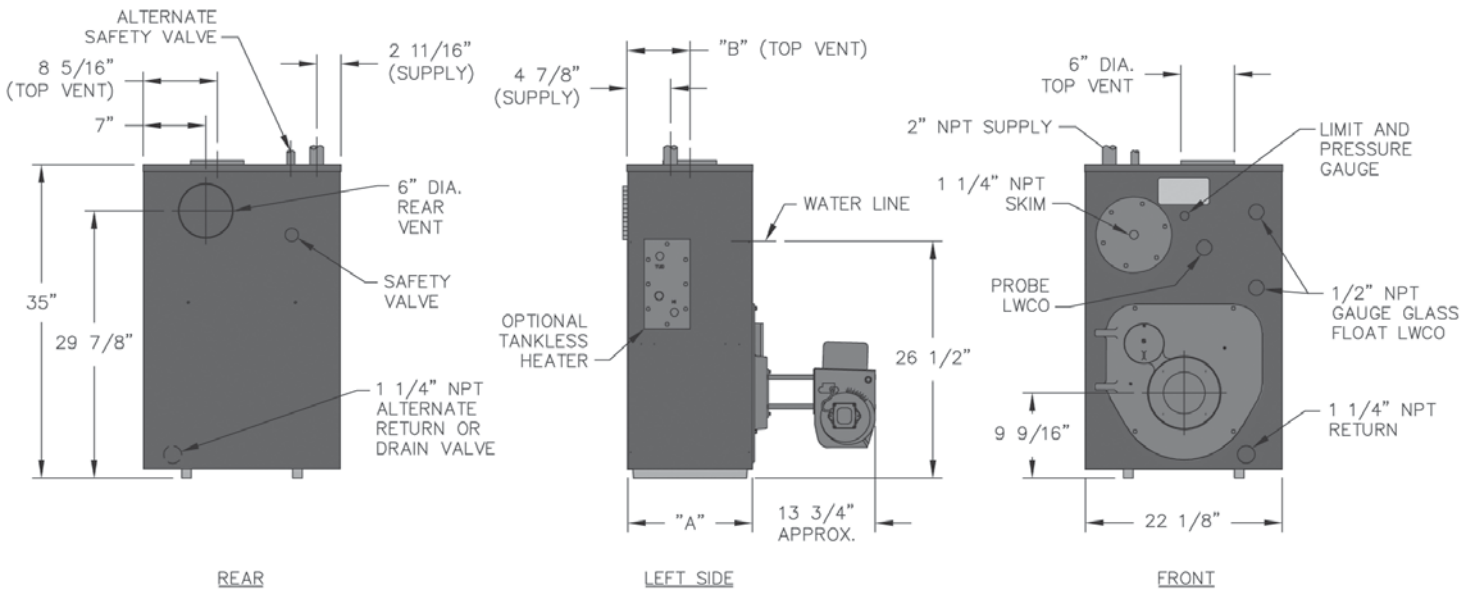
### OIL-FIRED STEAM BOILER

- ★ Probe-style LWCO
- ★ Cast Iron Sections Assembled with Push Nipples
- ★ Beckett AFG Burners with *GeniSys* Control
- ★ Swing-away Door for Easy Access
- ★ Tankless Coil Option
- ★ Convertible Flue Outlet (Rear Standard)
- ★ Insulated, Heavy Duty, Powder Coated Jacket
- ★ 10-year, Non-Prorated Warranty on Cast Iron

FACTORY PACKAGED  
84,000 – 273,000 BTUH INPUT

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## BOILER DIMENSIONS

Boiler Model Number	Jacket Depth "A"	Rear of Jacket to c/l of Vent "B"	Vent Size Diameter "C"
E3-OS-B/T	14-1/8"	7-1/16"	6"
E4-OS-B/T	18-1/8"	9-1/16"	6"

## CRATED DIMENSIONS & SHIPPING WEIGHTS

Boiler Model Number	Length	Width	Height	Package	
				OSB	OST
E3-OS-B/T	35"	28-1/2"	39-3/4"	566	575
E4-OS-B/T	43"	28-1/2"	39-3/4"	694	708

## BOILER RATINGS

Boiler Model Number	Input		Heating Capacity <sup>3</sup> , MBH	Net Ratings <sup>2</sup>		AFUE, %	Water Content, Gallons	Minimum Stack Draft Required, in. W.C.
	GPH <sup>1</sup>	MBH		Steam, sqft	Steam, MBH			
E3-OS-119	0.85	119	103	321	77	84.8	12.00	-.04
E3-OS-147	1.05	147	124	388	93	83.6	12.00	-.05
E4-OS-176	1.25	175	151	471	113	85.3*	14.87	-.04
E4-OS-210	1.50	210	179	558	134	84.3	14.87	-.05

- \* As an ENERGY STAR® Partner, National HVAC Manufacturing Company has determined that these firing rates meet the ENERGY STAR guidelines for energy efficiency.
- 1 Burner input based on No. 2 fuel oil with a heating value of 140,000 Btu per gallon.
- 2 Consult factory before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc. Net Ratings based on an allowance of 1.33.
- 3 Heating Capacity and Annual Fuel Utilization Efficiency (AFUE) ratings are based on U.S. Government tests, with 13% CO<sub>2</sub> and -0.02" w.c. draft over fire. Before purchasing this appliance, read important information about its estimated annual energy consumptions or energy efficiency rating that is available from your retailer.
- 4 Chimney Size: 8" x 8" x 15 ft.



PRESENTED BY:

ORDERING INFORMATION EXAMPLE:

E3 - OS - B/T - 119  
 Series/Sections | Oil Steam | T-Tankless; B-Without Tankless | Model

