

## 30E and 80E Hybrid Water Heaters

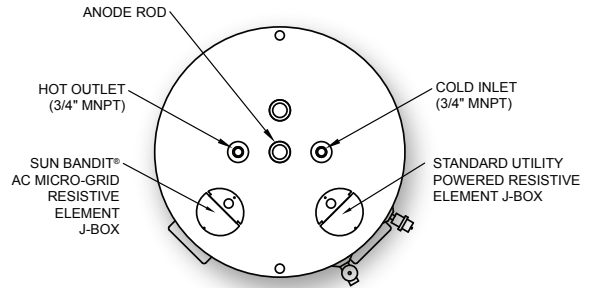
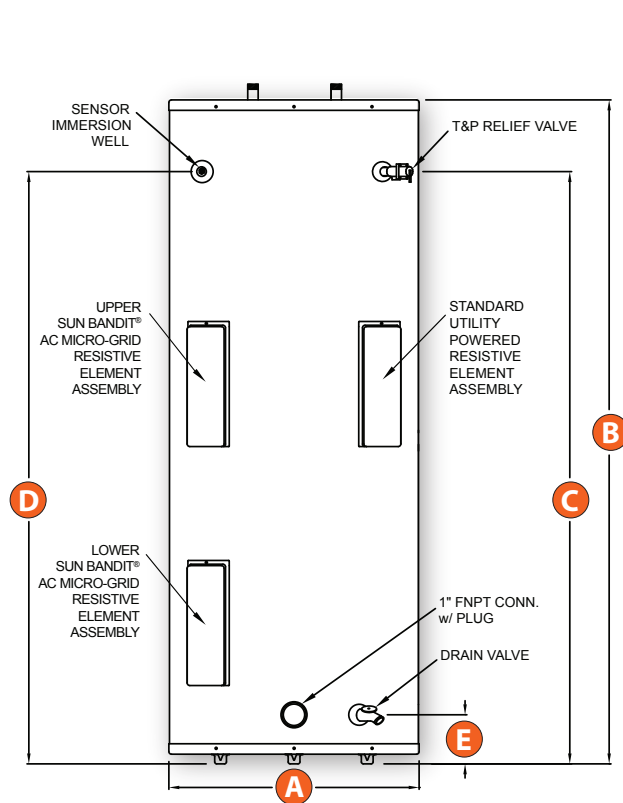
Featuring best-in-class technology and construction to provide years of clean, quiet, dependable hot water from the free energy from the sun.



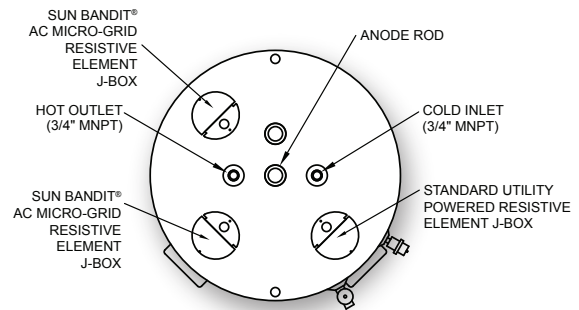
- Two Sun Bandit<sup>®</sup> AC micro-grid resistive elements with integrated thermostats
- One standard utility power resistive element with thermostat
- Factory installed temperature & pressure relief valve
- Temperature mixing valve (ready to install)
- Factory installed temperature gauge
- Factory installed brass drain valve
- Two anode rods double cathodic protection
- 2" non-CFC zero ozone depleting foam insulation
- Glass-fused-to-steel interior
- Powder coated steel exterior
- Commercial-grade steel construction
- 10 year warranty

# 30E and 80E Hybrid Water Heaters

## Technical Specifications



**Non-Simultaneous  
Sun Bandit® AC Micro-Grid  
Resistive Elements  
Series 100 and 200**



**Simultaneous  
Sun Bandit® AC Micro-Grid  
Resistive Elements  
Series 300 and 400**

Model	Storage Gallons (L)	Number of Micro-grid Elements	Number of Grid Elements	Full First Hour Rating* Gallons (L)	First Hour Rating** Gallons (L)	Dimensions Inches (cm)					Shipping Weight LBS (kg)
						A	B	C	D	E	
30E	30 (113.56)	2	1	64 (242.26)	43 (162.77)	20 (50.80)	39-1/2 (100.33)	33 (83.82)	33 (83.82)	4-5/8 (11.74)	150 (68.03)
80E	78 (295.26)	2	1	104 (393.68)	63 (238.48)	24 (60.96)	64 (162.56)	57-1/8 (145.09)	57-1/8 (145.09)	5 (12.70)	250 (113.39)

\*When entire Sun Bandit® Hybrid Water Heater has been heated to 160°F by the Sun Bandit® AC Micro-Grid Resistive Elements  
\*\* Recovery of the Standard Utility Powered Resistive Element

**Warning:** Installation should be in accordance with all national and/or local codes. In the absence of local codes, refer to NFPA 54 or ANSI Z21.10.1.  
**Caution:** The recommended maximum hot water temperature setting for normal residential use is 120°F. Manufacturer recommends a tempering valve or anti-scald valve be installed and used according to the manufacturer's directions to prevent scalding. Sun Bandit® Hybrid Water Heaters include a mixing valve that will prevent scalding when installed properly.  
**Pressures (all):** Working pressure, 150 psi; testing pressure, 300 psi  
**Electrical Rating, Sun Bandit® Upper and Lower AC Micro-Grid Resistive Elements:** 3.0 kW, 240V  
**Electrical Rating, Standard Utility Powered Resistive Element:** 4.5 kW, 240V