



**ESSENCY**  
HOT WATER INNOVATIONS

**EXR-D**

# Introducing the Smart Grid EXR-D

## **A Reliable Water Heater is Essential to a Comfortable Home.**

First, Essency brought you the EXR, an entirely new way to heat water. Now, Essency brings you the EXR-D with the ability to enroll in Demand Response Programs. This new smart grid product introduces several other innovations and enhancements to the original, world's first on-demand tank water heater. We're just getting warmed up.

### **Features & Benefits**

- The EXR-D allows owners to opt-in to Demand Response utility programs for energy and utility bill savings.
- Acts as a thermal battery storing energy in a durable, serviceable 30-year water heater.
- With an 80-gallon first hour rating and Heat+Mode that boosts output to 100 gallons, the EXR-D accommodates the needs of many different households.
- Additional benefits include grid stability by supporting renewable energy sources, and a smarter water heater for an even more positive environmental impact.

### **Notes**

- Final connectivity capabilities are accomplished by acquiring the Universal Communications Module (UCM), white box as illustrated, from the utility provider.
- A standard model EXR\* can be upgraded to an EXR-D with a simple upgrade kit.

\* Confirm Serial Number with Essency before proceeding.  
Older versions are not compatible.



<b>FHR: First Hour Rating</b> (Gal)	80 / 100*
<b>Uniform Energy Factor</b> (UEF)	0.93
<b>Control Type</b>	Electronic w/digital touchscreen, WiFi Standard, App enabled, Bluetooth Pairing
<b>Overall Dimensions</b> (HxWxD)	65" x 22" x 26"
<b>Connection Sizes: Hot Water</b>	3/4" (MNPT)
<b>Connection Sizes: Water Inlet</b>	3/4" (MNPT)
<b>Net Unit Weight</b>	100 lbs.
<b>Electrical Circuit Sizing</b>	240V/60Hz/25A
<b>Heating Elements</b> (x2)	4500 W, titanium
<b>Operating Water Pressure</b>	145 psi max
<b>Type of Install</b>	Indoor Only

\*100 gallon obtained in Heat+ Mode when tested in similar conditions as the standardized FHR test.

*Product specifications are subject to change*

## Certifications

UL-174 certified | Lead-free compliant | FCC compliant

