



## Eco Ultra Tanks: Getting Started

**A full product manual from Thermo2000 is included with the Eco Ultra tank.**

This sheet describes how to set the tank to work in conjunction with **NORDIC** heat pumps that are equipped with **D1-D2** terminals. (Some *W-series* models do not have D1-D2 terminals; in this case the tank can instead be set up run under its own control with a setpoint lower than that of the heat pump.)

1. Leave the tank in “Electric” rather than “Bi-Energy” mode, with switch on back of controller. This should be its default setting.

2. Set the tank to “joist heat” mode by holding the **wrench** button to display the °F/°C setting, press again to go to heating types, then toggle to second setting which is a picture of joists. Press wrench button two more times to exit.

(This doesn't mean that joist heating is being done in the building, it just sets a high temperature limit that works well with R410a heat pumps.)

flashes when selected



wrench button

3. Connect tank terminals **R** and **W** with a wire jumper.



With **R** and **W** connected, a default temperature setpoint of **125°F** corresponding to “joist heat” will appear. This is fine for a high limit.



4. Now the tank elements will only be activated by a connection between the **E-E** tank terminals, up to the 125°F maximum. This will be done by the **D1-D2** terminals in the heat pump, activating the elements only when **stage 3** or **AUX** heat is required.

See heat pump manual for further explanation.