# TECHTiPS

## Sensor Converter Installation

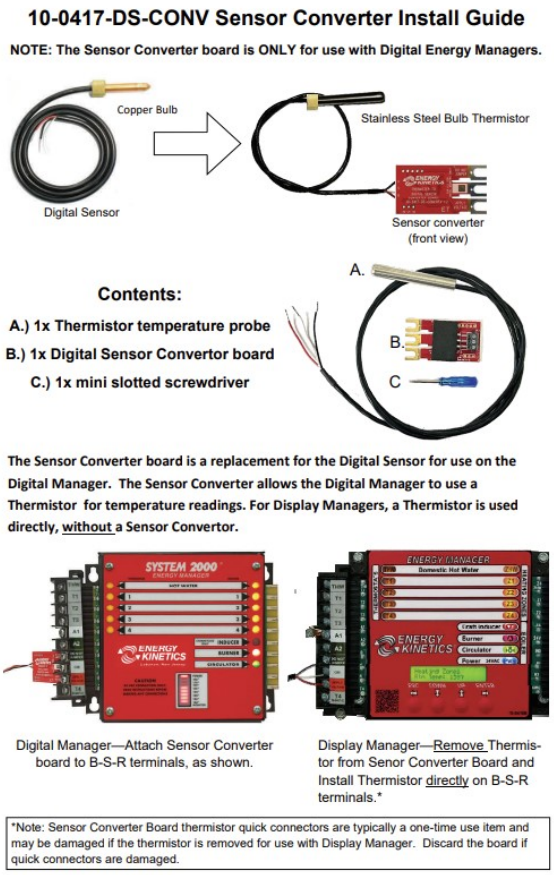
## Versatile Sensor Converter Installation is Quick and Easy

We began using our copper-tipped digital return sensor in 1996 alongside the launch of the Digital Energy Manager. This sensor is a small microprocessor, not a thermistor. This manager/sensor combination improved boiler efficiency and reduced the risk of flue gas condensation affecting the flue passages.

Recently, we upgraded to a stainless-steel bulb thermistor for our Digital and Display Energy Managers. This 10k ohm thermistor features two sensor elements and can be tested with a standard 10k ohm thermistor chart and an ohmmeter. For the Display Energy Manager, the thermistor connects directly to the B, S, and R terminals, while the Digital Energy Manager requires a "sensor converter card" for communication, which is included with the sensor purchase.

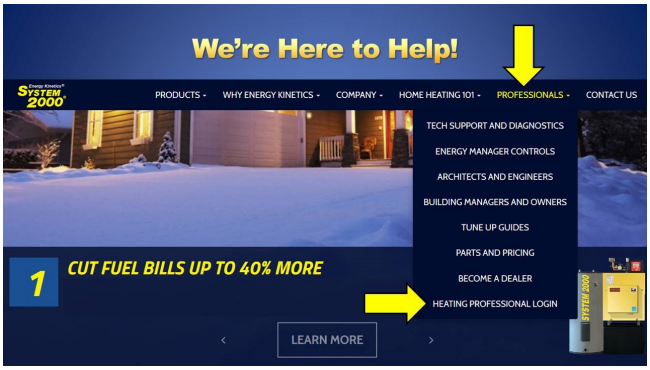
The converter card must be installed with the Energy Kinetics label facing you and oriented properly (see below). When installed correctly, the B, S, and R on the card will align with the same connections on the manager. The card is not used with stainless steel bulb thermistors the Display Energy Manager (remove the converter card and use the thermistor without it).

[View Sensor-Convertor Installation Instructions]



If you have been on the job for 20 minutes and you haven't solved the problem give us a call!
(908)735-2066

www.energykinetics.com




Need Drawings, Manuals, Instructions, Specs, Videos? Good Place to find this information is in our Heating Professional Page on our website.

https://energykinetics.com/dealers/
Username: ekdealer
Password: heatpro