



MODEL TS2201

## DRYERSAVER®

### OVERVIEW

There are over 80 million electric clothes dryers in North America. Most dryers run on a mechanical and timer-based control without a sensor. Hence, the dryer continues to run even after the clothes are dry. With this mechanism, clothes are routinely over-dried and huge amounts of energy are spent for more tumbling in the dryer than needed.

The TrickleStar® DryerSaver® is a sophisticated energy-saving and power management device for electric dryers. It turns off the dryer when the clothes are dry, and conserves energy by reducing power wasted in over-drying clothes. This allows for cost savings when compared to the regular timed drying cycle.

### HOW IT WORKS

The DryerSaver features a sophisticated sensor that detects the temperature and humidity in the dryer exhaust air stream. When the exhaust air reaches a specified level of dryness, the DryerSaver turns off the dryer.

The DryerSaver consists of three parts:

- Controller
- Duct adapter
- Temperature and humidity sensor

### OPERATION

The user simply operates the electric dryer as they normally would. The DryerSaver will automatically turn off the dryer when the humidity of the exhaust air indicates the clothes are dry.

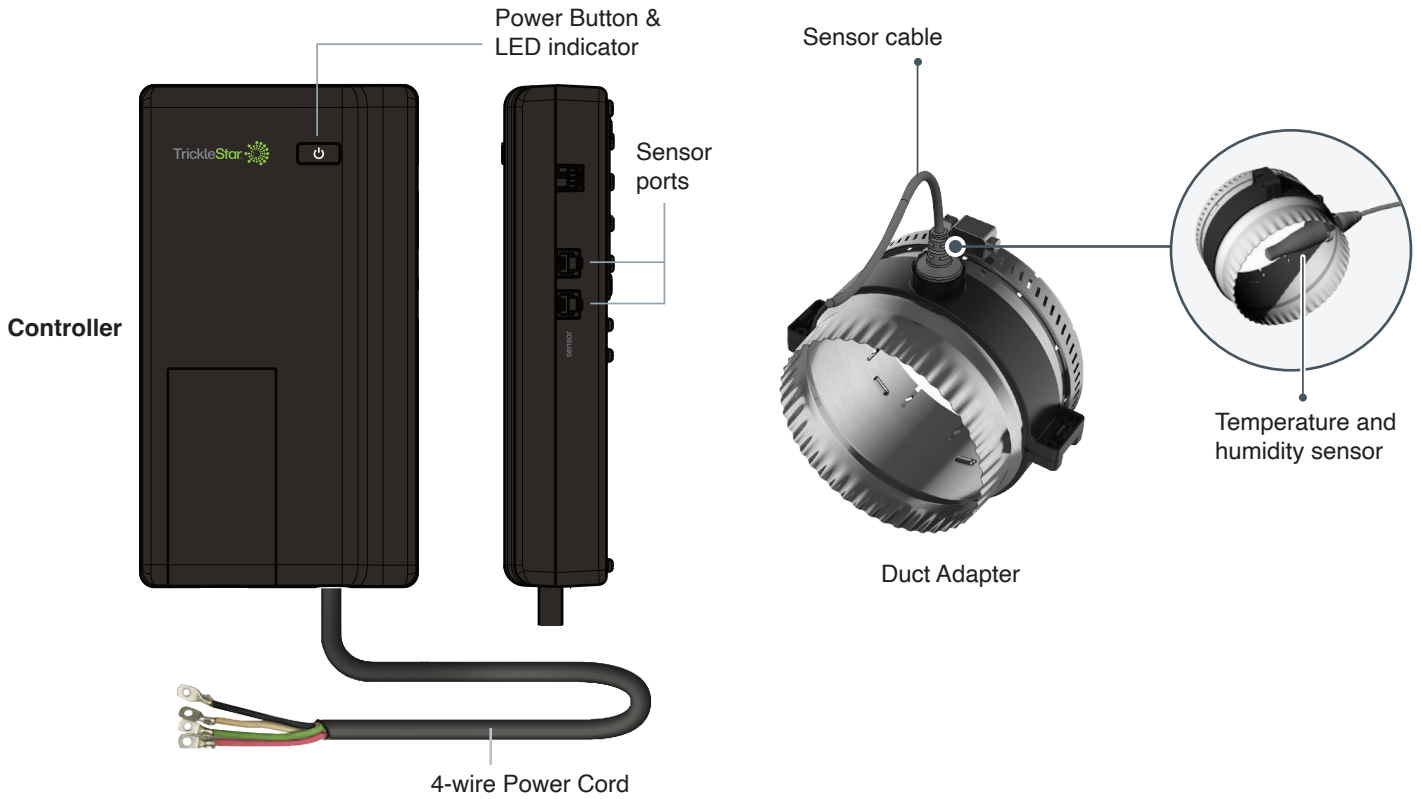
### Wi-Fi CONNECTED VERSION

A Wi-Fi enabled version of the DryerSaver is available for field trials to determine the energy savings potential and user behavior. Please call 1-888-700-1098 or email [sales@tricklestar.com](mailto:sales@tricklestar.com) for more details.

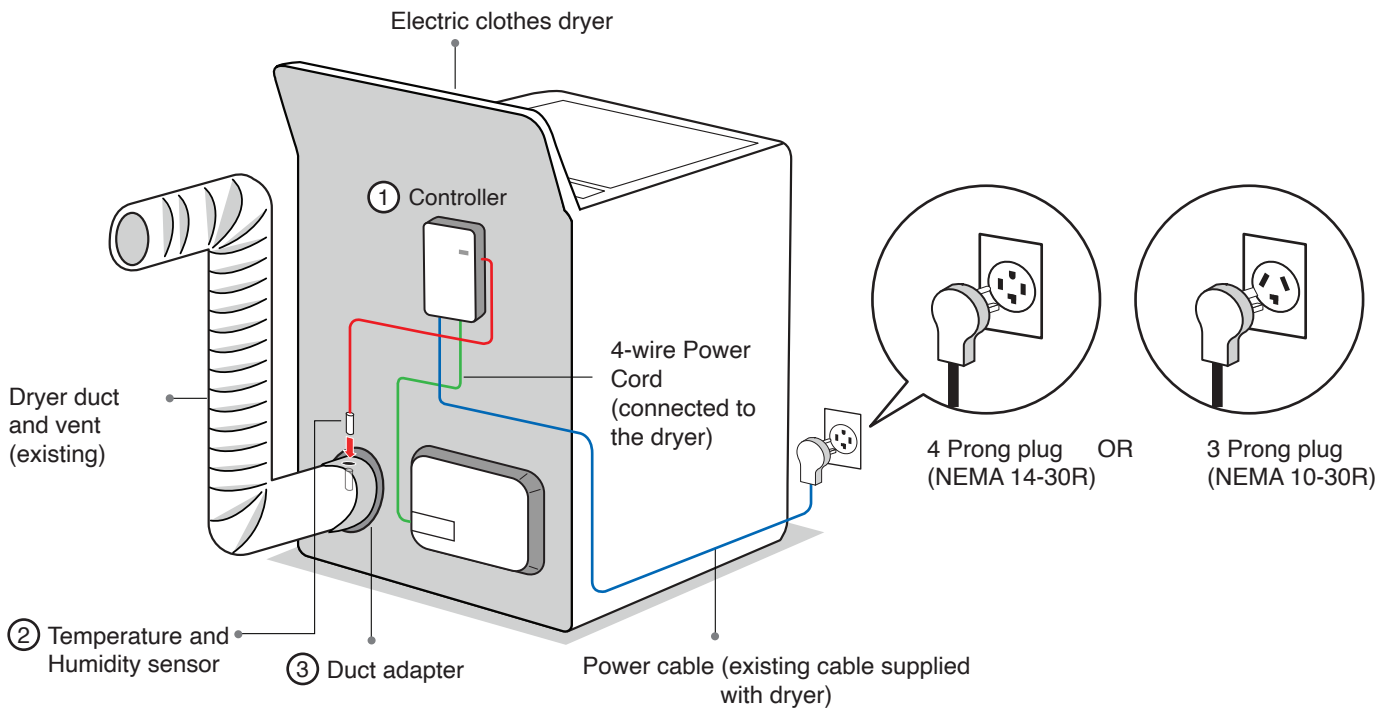
### PRODUCT WARRANTY

Two-year limited product warranty.

## FEATURE DIAGRAM



## APPLICATION DIAGRAM



\*TrickleStar® DryerSaver® consist of items 1,2 and 3

## PRODUCT SPECIFICATIONS

### DRYERSAVER CONTROLLER

Operating Voltage	: 240 V AC, 50/60 Hz
Output Current	: 24 A
Maximum Total Load	: 5,760 W
Standby Power Consumption	: <1 W
Power Consumption	: <5 W
Sensor Port	: 12 V DC, Two RJ11/RJ12 /Ethernet ports
4-wire Cord Length	: 3 ft. (91.4 cm)
Operating Temperature	: 32°F to 113°F (0°C to 45°C)
Storage Temperature	: -40°F to 140°F (-40°C to 60°C)
Humidity	: 10% to 95% (non-condensing)
Dimension (Approx.)	: 5.5 in. (W) x 10.2 in. (H) x 2.2 in. (D) (14.1 cm (W) x 26.0 cm (H) x 5.5 cm (D))
Weight (Approx.)	: 2.36 lb. (1.07 kg)

### DUCT ADAPTE R

Inner Diameter : 4.04 in. (10.3 cm)

### TEMPERATURE AND HUMIDITY SENSOR

Humidity Detection Range	: 0 to 100% RH (+/- 5% or better)
Temperature Detection Range	: -40°F to 185°F (-40°C to 85°C) (+/- 1%)
Cord Plug Type & Length	: RJ11 & 6 ft. (183 cm)
Dimension (Approx.)	: 0.70 in. (W) x 3.64 in. (H) x 0.98 in. (D) (1.78 cm (W) x 9.25 cm (H) x 2.30 cm (D))
Weight (Approx.)	: 0.12 lb. (52 g)

### APPROVALS



### MODEL INFORMATION

<b>TS2201</b>	TrickleStar® DryerSaver®
<b>TS2202</b>	TrickleStar® DryerSaver® with Wi-Fi