

## H-DGCD-CSI Digital Gas Clothes Dryer Simulator

### Purpose

The Hampden **Model H-DGCD-CSI** Digital Gas Clothes Dryer Simulator demonstrates the principles of operation and troubleshooting techniques used on top-of-the-line dryers. Simulator includes H-LTCS Laptop Computer.

### Specifications

#### Additional Features

- Dampness control disconnect
- Timer
- Separate meters for voltage, watts, current, resistance readings

#### Typical Malfunctions

- Defective sensor-to-electronic-control wire
- Defective contacts in starter switch
- Dirty burner contacts in centrifugal switch
- Burned out start winding
- Defective contact in safety thermostat

- Timer mode contacts open
- Coil open in latching relay
- Coil open in solenoid 1
- Shorted flame sensor
- Timer motor burned out
- Door switch contacts open
- Timer Motor contacts Dirty
- Latching Relay contacts Corroded
- Temperature Control Timer Contacts Open
- Centrifugal Switch Motor - buzzer Start Contact Open
- Flame Sensor Does Not Close
- Broken Resistance Element in Power Resistor
- Defective Temperature Control Thermostat
- Defective Timer Heat Contacts
- Defective Sensor
- Defective Temperature Control Burner Contacts

### Options

#### Model H-CSI-CS

Pentium™ Desktop Computer System

#### Model H-CAI-PO

Printer to provide the instructor with color hard copy of the students' progress.

All Hampden units are available for operation at any voltage or frequency

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