



# Energy Products, LLC

HVAC and Lighting Occupancy Based Controls

## DDC Features

- Occupied Temperature Limits
- Unoccupied Temperature Setback Limits
- Unsold Temperature Setback Limits (Deep Setback)
- Interior and Exterior Door/Window Control
- Soft Bypass®
- Refresh Cycle
- Secondary 24V Control Relay- Lighting/ Other
- Constant Fan Mode
- 3 Fan Speeds - Automatic and/or Manual
- Automatic Heat & Cool Decision
- LCD Backlit Temperature Display (Fahrenheit and Celsius)
- Push Button Controls
- Plug-in Diagnostic Devices
- Relative Humidity Control
- Hand Held Programming Kit
- Freeze Guard

## DDC Options

- Privacy Please® Room Occupancy Status
- Real Time Clock (Replaces Entry Door Switch)
- RF Wireless Peripherals
- Remote Passive Infrared Multi-room Occupancy Status
- Universal Power Control Station- 100V to 277V 50/60H
- Two-Way Communications- Hardwire or RF Wireless
- Aquastat Control
- innPULSE® Software Communications
- Do Not Disturb - DND

## DDC HVAC Applications

- PTAC
- Split System 1 Package Units
- PTHP
- Fan Coils 2,3,4 Pipe (Heat Strips)



## SensorStat® DDC



## Standard Benefits

- 25-35% Average Reduction in Energy Use
- Enhanced Guest Comfort
- Precise Digital Temperature Sensing + /- 1 Degree F.
- User Friendly Design & Operation
- Passive Infrared Occupancy Sensing Technology (Built in Tamper Proof PIR Flat Lens)
- Flash Memory Prevents Obsolescence
- Non-Regressive Technology Ensures Energy Savings
- Compressor Equalization Delay Circuitry
- Fast Clock Diagnostic Features- Testing Mode
- Safe Start Demand Protection Circuitry
- Reduces Maintenance Cost & Extends Equipment Life
- Easy Installation and Easy Replacement
- 1 Year Manufacturers Warranty

Energy Products, LLC is a leading provider of Eco-Friendly Energy Management systems and services for the Hospitality, Corporate, Education and Government markets.

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Finally the new standard of intelligence for guestroom comfort and management solution is here!

SensorStat® DDC merges digital control with passive infrared (PIR) occupancy sensing, and programmable temperature setbacks to create the latest technology in the industry today.

The SensorStat® DDC is specifically designed to electronically control HVAC systems, improve guest comfort, and increase energy efficiency through occupancy-based setback strategies. When upgraded, the SensorStat® DDC provides operational input via a Windows® based software system...innPULSE®.

SensorStat® DDC features a new slim-line housing architecture with a stylish design that is pleasing to the guest both visually and functionally. It is easy to install, affordable, and very user friendly.

In a typical application, the SensorStat® DDC is installed on an interior wall and functions as the room thermostat. The SensorStat® DDC interfaces with virtually all types of HVAC systems (PTHP, PTAC, fan-coil units, or split systems) and replaces existing line voltage AC/DC thermostats (mechanical or digital) and improves upon existing controls.

SensorStat® DDC uses the proven logic of monitoring the status of entry doors (open/closed) plus physical occupancy detected by its concealed PIR sensor to positively determine if the room is occupied or unoccupied. Once determined, the automatic setback feature will engage the pre-programmed energy and comfort control functions. In addition to providing complete guestroom HVAC control, the on-line version can also communicate (hardwire or RF wireless) providing real time central monitoring and management capabilities via innPULSE® software.



### Required Equipment (Per Room)

- SensorStat® DDC
- Door Switch (flush or surface mount)
- Quick Connect Field Wiring Cable

### Optional Accessories

- Privacy Please® allows authorized staff members to detect occupancy status from outside the room, without knocking or disturbing guests.
  - Privacy Please® IR Transmitter (1 per room)
  - Privacy Please® IR Scanner (for staff)
- RS485 innPULSE® communications module
  - Wireless Door Switch Tranceivers
  - Wireless Remote PIRs, for multi-room suites
- Wired Sensor Communication Module
  - Wireless Door Switch Tranceivers
  - Wireless Remote PIRs, for multi-room occupancy status
  - Wired Remote Temp Sensor
  - Wired Mini-Bar Switch

Distributed By:



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