RSD Series - Clever Comfort System for Residential Applications

Optional Control Features

- The RSD Clever Comfort system for residential applications has been designed for expansion. The starter kits on the previous page include the minimal components. Up to 8 additional devices may be added to the starter system. These include additional RSD Thermostats, and RSD Keypads (shown on previous page). Optional devices include the RSDMS1001 Wireless Motion Sensor and the RSDWH1001 Water Heater Control.
- Also available are replacement components. These include the RSDA1001 Administrator, The RSDRF1001 Thermostat, the RFR5002 Wireless relay (for use with either the RSDRF thermostat or the SDRF thermostat), and the SDRMT001 wired remote temperature and motion control (wired to either the SD or RSD thermostats).

RSDMS1001 - RSD Wireless Remote Motion Sensor: Catalog# 05347402:

The RSDMS1001 wireless remote motion sensor is used wherever people may enter the house other than the main entrance where the Keypad is located. This may include a back door, garage door, etc… Whenever motion is detected at the location, it wirelessly transmits to the system that there is someone home, and if not already in the comfort mode it will switch to comfort.

RSDWH1001 - RSD Water Heater Control: Catalog# 05347502:

The RSDWH1001 control is wired to your gas or electric water heater to turn it off whenever the system is in the economy mode, and automatically turns on 1/2 hour before the system is scheduled to return to comfort. If used with a gas water heater, an additional 24VAC transformer may be required to power the RSDWH1001. If used with an electric water heater, it must be installed with a separate transformer, and contactor. Note: The RSDWH-240Kit includes a transformer and contractor for use on 208 & 240VAC systems with loads up to 50AMPS.

RSDWH-240Kit - RSD Water Heater Control for 240VAC Water Heaters: Catalog# 05347602:

The RSDWH-240Kit includes a 208/240VAC transformer and 50 Amp DPST contactor to turn off an electric water heater whenever the system is in the economy mode, and automatically turns on ½ hour before the system is scheduled to return to comfort.

RSDRF1001 - Wireless Thermostat: Catalog# 05237702:

The SDRF thermostats are wirelessly connected to the HVAC system with use of a TPI compatible RF relay such as the RFR5002 relay below.

RFR5002 - Wireless Relay: Catalog# 05346702:

The RFR5002 is the low voltage wireless RF relay to be used with the RSDRF thermostat.

SDRMT001 - Remote Motion and Temperature Sensors: Catalog# 05346802:

The SDRMT001 incorporates both the motion and temperature sensors for the SD and RSD series of thermostats. The sensors can be remoted up to 25' using 5 conductor shielded wire. Either of the sensors may be used individually without connecting the other.

SDA1001 - SD Administrator: Catalog# 05347702:

The SDA1001 Administrator allows for the residential products to be used for commercial applications. Just like the SD thermostats, if no movement is detected in an hour, it will setback the entire system. Incorporates smart recovery.

RSDWH1001

RSDWH-240Kit

SDA1001

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	VOLTAGE	CONNECTIONS
05347402	RSDMS1001	Wireless motion sensor	(2) AA Batteries	Wireless
05347502	RSDWH1001	Water heater control	24VAC	4-wire
05347602	RSDWH-240Kit	Electric water heater control	240VAC	4-wire
05237702	RSDRF1001	RSD wirelesss thermostat	(2) AA Batteries	Wireless
05346702	RFR5002	SD wireless relay	24VAC	Varies by system
05346802	SDRMT001	Wired remote sensors	Powered from thermostat	Connects to thermostat
05347702	SDA1001	Commercial administrator	120VAC	Wireless to system