

Thermostats & Controls

Electromechanical De-Humidistat



Features

- 4.4 amp @ 120VAC
- 2.2 amp @ 240VAC
- 50VA @ 24VAC - 240VAC
- 10% - 60% relative humidity range

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION
05891402	H1D1AA	Dehumidistat/Electromechanical

Wireless RF Interface Series



RFT-1 shown with
UT thermostat



RFR



RFT

Features

- Heat only, Cool only / 4 wire Heat/Cool
- Standard 2 stage Heat/ 1 Stage Cool Heat Pumps
- Multistage heating and/or cooling equipment
- Made in U.S.A. with domestic and foreign components
- Works with most low voltage thermostats
- Max Operating Range: 50 Feet

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	VOLTAGE	CONNECTION
05235502	RFT-1	RF Thermostat Transmitter Dim: 4" x 5" x .875"	2-AAA Batteries	6 Wires
05235602	RFR-5	RF Relay Interface Dim: 4.5" x 6" x 1.25"	24 VAC	R-C-R1 1-2-3-4-5
05235702	RFRkit-5	RFT-1 & RFR-5 Package	2-AAA 24 VAC	R-C-R1 1-2-3-4-5
05346702	RFR5002	Wireless relay for low voltage systems. Use with SDRF thermostat.	24 VAC	R-C-R1 1-2-3-4-5

Honeywell Line Voltage Thermostats



T4398A 1021
Precision Mechanical



Features

- Heat only thermostats
- Accurate temperature control
- 22 Amp resistive for mechanical models

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	VOLTAGE	DIMENSIONS	DESCRIPTION
05033002	T4398A 1021	120-240	2.875"x4.375"x2.00D	Precision Electric Heating, SPST, 50-80 °F, 22 Amp @ 120-240V 19 Amp @ 277V



TL8230A 1003
Electronic Programmable



Features

- Heat only thermostats
- Accurate temperature control
- 16 Amp resistive for electronic models
- Energy Star compliant.

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	VOLTAGE	DIMENSIONS	DESCRIPTION
05033602	TL8230A 1003	240/208	2.70"x4.90"x.90D	Electronic Programmable Line Voltage DPST, 15 Amp, 40-86 °F

Features

- The SD Series of Clever Comfort Thermostats are self learning setback thermostats designed specifically for commercial and industrial applications. Unlike most setback thermostats this thermostat doesn't require programming. With the use of a motion sensor, it learns your schedule, and changes automatically with schedule changes. Regardless of your schedule, it automatically returns to economy after you leave.
- The Clever Comfort Smart Recovery feature returns the system to the comfort temperature before you arrive. The holiday feature automatically returns to economy setting on any day that no-one shows up.
- Compatible with single and multistage equipment up to 4 stages of Heat, 4 Stages of Cool, or any combination of Heat and Cool up to 4 stages, including 2 Stage Heat, 1 Stage Cool Heat pumps.

**Fully Automatic Setback!
No Programming!**



SDHW1001

SDHW1001: Hardwired Thermostat: Catalog# 05236402:

The SDHW thermostats are wired directly to the HVAC system. The SDHW1001 model is compatible with 26 types of 24VAC systems. Simply choose your system on setup, apply the corresponding terminal strip label and wire as you would any other thermostat.

SDHW1002: E2 Extended Energy Saver Hardwired Thermostat: Catalog# 05347002:

The SDHW E2 thermostat extends the savings over the standard SDHW1001 by limited temperature ranges, and incorporating a minimum offset of 5 degrees. The SDHW1002 does not allow heat mode temperature settings above 74 degrees or cool mode settings below 72 degrees. This allows employers to give their employees control of the temperature setting while preventing abuse. NOTE: Customized temperature ranges, differentials, dead bands, etc...are available through our SD customization program.

SDRF1001: Wireless Thermostat: Catalog# 05236502:

The SDRF thermostat is wirelessly connected to HVAC system when combined with one of TPI's compatible RF relays. The SDRF1001 when combined with the RFR5002 low voltage relay incorporates all the features and system compatibility of the SDHW1001 thermostat, while allowing the thermostat to be located in the best location. NOTE: The SDRFK5002 incorporates the SDRF1001 thermostat and the RFR5002 relay in a single pre-linked kit.

SDRFK5002: Wireless Thermostat Kit: Catalog# 05346902:

The SDRFK5002 includes both the SDRF thermostat and the compatible RFR5002 Relay in a pre-linked kit. The RFR5002 relay is connected to the HVAC system. The SDRF thermostat can be located in a convenient location without having to run additional wires.

RFR5002: Wireless Relay Catalog# 05346702:

The RFR5002 is the low voltage wireless RF relay to be used with the SDRF 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 remotod up to 25' using 5 conductor shielded wire. Either of the sensors may be used individually without connecting the other.

Standard Models



MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	VOLTAGE	CONNECTIONS
05236402	SDHW1001	SD Wired Thermostat	2 AA Batteries or 24VAC	Varies by System
05347002	SDHW1002	Extend Energy Saver Model	2 AA Batteries or 24VAC	Varies by System
05236502	SDRF1001	SD Wireless Thermostat	2 AA Batteries	Wireless
05346902	SDRFK5002	SD Wireless Kit	2 AA & 24VAC	Varies by System
05346702	RFR5002	SD Wireless Relay	24VAC	Varies by System
05346802	SDRMT001	Wired Remote Sensors	Powered from Thermostat	Connects to Stat

Features

- The RSD Clever Comfort system for residential applications learns your schedule, and keeps it up to date. No programming involved. On your way out the door, you simply press the Set button on the Keypad to put the system into economy. The RSD system learns when you normally return home, and automatically returns to the comfort setting by the time you return.
- The minimum system includes an RSD thermostat, an RSD Keypad, and the RSD Administrator. The RSDHW-Kit includes the RSDHW thermostat, the RSD Keypad, and the RSD Administrator. The RSDRF Kit, includes the RSDRF Thermostat with pre-linked RFR5 Relay, the RSD Keypad and RSD Administrator. Additional Keypads, Thermostats, and options devices may be added to either system. A total of 10 RSD devices may be linked to a single Administrator.



RSDHW1001

RSDHW Starter Kit - Catalog# 05347102:

Everything needed for a single zone system is included in this starter package. The RSDHW thermostat is connected to your 24VAC HVAC system. The RSDK Keypad is battery operated and is mounted near the door. The RSDA Administrator is plugged into a standard 120VAC outlet. Additional Keypads, RSD Thermostats, and optional devices may be added to the system. Kit includes pre-linked RSDHW thermostat, RSDK keypad, and RSDA administrator.

RSDRF Starter Kit - Catalog# 05347202:

Everything needed for a single zone system is included in this starter package. The wireless RSDRF thermostat is connected to your 24VAC HVAC system using the RFR5 Relay. The RSDK Keypad is battery operated and is mounted near the door. The RSDA Administrator is plugged into a standard 120VAC outlet. Additional Keypads, RSD Thermostats, and optional devices may be added to the system. Kit includes pre-linked RSDRF thermostat, RFR5 relay, RSDK keypad, and RSDA administrator.

RSDHW1001 - Hardwired Thermostat: Catalog# 05237602:

The RSDHW thermostats are wired directly to the HVAC system. The RSDHW1001 model is compatible with 26 types of 24VAC systems. Simply choose your system on setup, apply the corresponding terminal strip label and wire as you would any other thermostat.

RSDRFK5002 - Wireless Thermostat Kit: Catalog# 05347302:

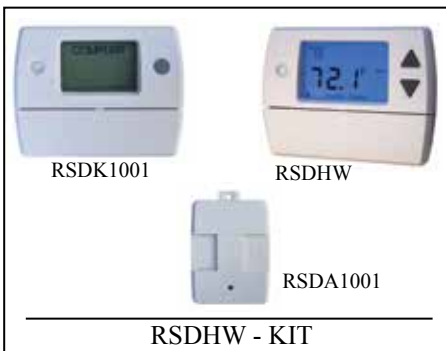
The RFR5002 relay is connected to the HVAC system. The RSDRF thermostat can be located in a convenient without having to run additional wires. The RSDRFK5002 includes the RSDRF thermostat and compatible RFR5002 relay in a pre-linked kit.

RSDA1001 - RSD Administrator: Catalog# 05237802:

The RSDA1001 Administrator is included in both starter kits. Only one Administrator may be used for each RSD system. This item should be bought for replacement only.

RSDK1001 - RSD Keypad Catalog# 05237902:

The RSDK1001 Keypad is where you set your economy periods. Normally mounted next to the main door used to enter and exit the house. Additional Keypad may be added to your RSD system.



RSDHW - KIT



RSDRF - KIT



RSDRFK5002

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	VOLTAGE	CONNECTIONS
05347102	RSDHW-Kit	Hardwire thermostat starter kit	Varies by component	System connections
05347202	RSDRF-Kit	Wireless thermostat starter kit	Varies by component	System connections
05237602	RSDHW1001	RSD wired thermostat	(2) AA Batteries or 24VAC	Varies by system
05347302	RSDRFK5002	RSD wireless thermostat kit	(2) AA Batteries & 24VAC	Varies by system
05237802	RSDA1001	RSD administrator	120VAC	Wireless
05237902	RSDK1001	RSD keypad	(2) AA Batteries	Wireless

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.



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 wireless 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