

# Robertshaw®

# 8405-1

DIGITAL  
THERMOSTATS

# 8406-1

new series!



1 Heat 8405-1  
1 Cool 8406-1

## Designer Digitals

Finally, a thermostat that combines Function and Fashion.

Functionally, the 8405-1 and 8406-1 Robertshaw thermostats come with all the great features you'd expect. They both have a large backlit display – 80% larger than other competitive models. Both operate with 2 AA batteries. Both are compatible with all standard 24 VAC heating or cooling systems.

Fashionably, the 8405-1 and 8406-1 Robertshaw thermostats can blend with any decor using exclusive Stat-Snaps™ (Custom Clear included with unit). Four styles of faceplates are available: Polished Black, Antique Bronze, Brushed Stainless, and Custom Clear. The Custom Clear can be painted or wall papered to custom match any decor.

You get all of this in a cool new look. We've delivered the desired "touch screen" appearance - a flush, smooth, easy to clean face – without the high price of a touch screen.

When you select a Robertshaw thermostat, you've made the choice of an industry partner that's been making quality products for over 100 years. Come home to affordable comfort. Come home to Robertshaw.<sup>SM</sup>



## Features and Benefits

### Stat-Snap™

The custom thermostat cover that applies in a snap (Custom Clear included with unit).

### Larger Back Lit Display

Makes viewing and setting the temperature easy and accurate.

### Quick Connect Wiring

Fast and easy installation. Uses sturdy wire clamps – no wrap-around of screws.

### Automatic Compressor Short Cycle Protection (8406-1 only)

A system safeguard. Reduces wear and tear of HVAC equipment.

### Adjustable Temperature Differential

Maintains optimal customer comfort.

### Toll-Free Assistance

Toll-Free Technical Service number printed right on the thermostat provides immediate assistance.



Energizer® Batteries Included



Technical service available:

1-800-445-8299

M-F 7:00 a.m. - 5:30 p.m. CST



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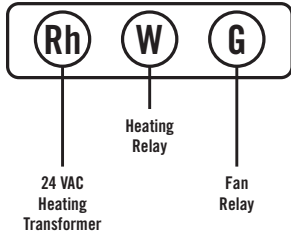
# 8406-1

**new series!**

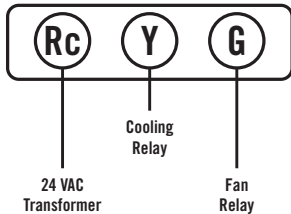


GAS ELECTRIC OIL

## 8405-1 Terminal Designations



## 8406-1 Terminal Designations



1 Heat 8405-1  
1 Cool 8406-1

THE ROBERTSHAW 8405-1 REPLACES:

|                  |        |
|------------------|--------|
| Robertshaw       | 9505   |
| Honeywell, Inc.* | T8400B |
| ICM*             | SC1800 |

THE ROBERTSHAW 8406-1 REPLACES:

|      |        |
|------|--------|
| ICM* | SC1900 |
|------|--------|

\* Verify specific application requirements before substitution.

## Specifications

**Electrical rating:** 24 Volt AC (18-30 VAC)  
1 amp maximum load per terminal  
1 amp total maximum load (all terminals combined)  
**Temperature control range:** 45° - 90°F (7° - 32°C)  
**Accuracy:** +/-1°F (+/- .5°C)  
**System configurations:** Single stage gas, oil, or electric heating/cooling systems (including single stage heat pump systems)  
**DC power:** 3.0 Volt  
(2 "AA" alkaline batteries included)  
**8405-1 Terminations:** Rh, W, G  
**8406-1 Terminations:** Rc, Y, G

## Shipping Information

**Indiv. Ctn. Dim.:** 5.1" x 5.1" x 1.8"  
**Master Ctn. Qty.:** 6  
**Master Ctn. Dim.:** 10.9" x 5.6" x 6.1"  
**Master Ctn. Cu. Ft.:** .22  
**Master Ctn. Wt.:** 3.7 lbs.  
**Max. Pallet Qty.:** 1176  
**Max. Pallet Dim.:** 40" x 48" x 48"  
**Max. Pallet Cu. Ft.:** 53.8  
**Max. Pallet Wt.:** 775 lbs.

## Other Single-Stage Heat / Cool Thermostats

**9200:** Mercury-Free Deluxe Mechanical  
**8600-1:** Programmable, 5-2 Day  
**8601-1:** Programmable, 5-2 Day  
**9700i:** Deluxe Programmable, 7 Day  
**9701i:** Deluxe Programmable, 7 Day  
**9400:** Digital Non-Programmable  
**9801i:** Deluxe Programmable, 7 Day  
**9851i:** Deluxe Programmable, 7 Day  
**9901i:** Deluxe Programmable, 7 Day

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