

# Robertshaw®

# 8425

DIGITAL  
THERMOSTAT

new series!



GAS



ELECTRIC



OIL



HEAT PUMP



2 Heat / 2 Cool

## Designer Digital

Finally, a thermostat that combines Function and Fashion.

Functionally, the 8425 Robertshaw thermostat is a Universal Multi-stage product that is compatible with all 24 VAC multi-stage heating and cooling equipment including heat pumps. The 8425 comes with all the great features you'd expect from Robertshaw. It has a large backlit display – 80% larger than other competitive models. The 8425 operates with a 24V common wire for applications where line power is preferred.

Fashionably, the 8425 Robertshaw thermostats can blend with any decor using exclusive Stat-Snaps™ (sold separately). Four styles of faceplates are available: Gloss 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.™

## Features and Benefits

### Stat-Snap™

The custom thermostat cover that applies in a snap.

### Larger Back Lit Display

Makes viewing and setting the temperature easy and accurate.

### Automatic Compressor Short Cycle Protection

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

### Worry-Free Memory Storage

Even during power outages, the thermostat maintains set point and programmed parameters.

### Adjustable 1<sup>st</sup> and 2<sup>nd</sup> Stage Temperature Differential

Maintains optimal customer comfort.

### O & B Terminals

Greater system flexibility, zoning compatible.

### Zone System Compatible

In zoning applications where temperature is precisely controlled, the thermostat acts as a sensor within the system.

### Quick Wire Terminal Block

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

### Toll-Free Assistance

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

24 VAC POWERED



Technical service available:

1-800-445-8299

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



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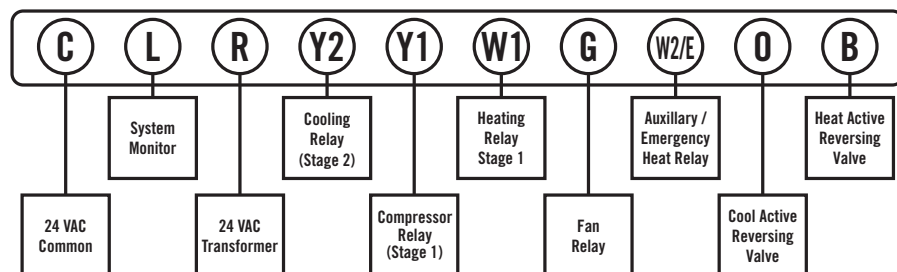
**new series!**



GAS ELECTRIC OIL HEAT PUMP

2 Heat / 2 Cool

## Terminal Designations



## THE ROBERTSHAW 8425 REPLACES:

Robertshaw	9515, 9520
White-Rodgers Company*	1F79-111, 1F83-261 1F83-277, 1F89-211
Honeywell, Inc.*	T8411R
ICM*	SC2200, SC2201 SC2211, SC2300
Braeburn*	3100, 3200

\* Verify specific application requirements before substitution.

## Specifications

**Electrical rating:** 24 Volt AC (18-30 VAC)

1 amp maximum load per terminal

3 amp total maximum load

(all terminals combined)

**Temperature control range:** 45° - 90°F (7° - 32°C)

**Accuracy:** +/-1°F (+/- .5°C)

**Power:** 24 VAC

**System configurations:** Multi-stage heat pump systems - two stage heat, two stage cool

**Terminations:** C, L, R, Y2, Y1, W1, G, W2/E, O, B

## 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.:** 3.1 lbs.

**Max. Pallet Qty.:** 1176

**Max. Pallet Dim.:** 40" x 48" x 48"

**Max. Pallet Cu. Ft.:** 53.8

**Max. Pallet Wt.:** 658 lbs.

## Other Two Stage Heat, Two Stage Cool Thermostats

**8625:** Programmable, 2 Heat / 2 Cool Universal

**9415:** Digital Non-Programmable, 2 Heat / 2 Cool

**9420:** Digital Non-Programmable, 2 Heat / 2 Cool, Heat Pump

**9555:** Digital Non-Programmable, 2 Heat / 2 Cool

**9560:** Digital Non-Programmable, 2 Heat / 2 Cool

**9715i:** Deluxe Programmable, 2 Heat / 2 Cool

**9720i:** Deluxe Programmable, 2 Heat / 2 Cool, Heat Pump

**9815i:** Deluxe Programmable, 2 Heat / 2 Cool

**9820i:** Deluxe Programmable, 2 Heat / 2 Cool

**9915i:** Deluxe Programmable, 2 Heat / 2 Cool

**9920i:** Deluxe Programmable, 2 Heat / 2 Cool, Heat Pump

**9865i:** Deluxe Programmable, 2 Heat / 2 Cool

**9870i:** Deluxe Programmable, 2 Heat / 2 Cool, Heat Pump

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