

Robertshaw®

8425-1

DIGITAL
THERMOSTAT

new series!



GAS



ELECTRIC



OIL



HEAT PUMP

2 Heat / 2 Cool Universal

Designer Digital

Finally, a thermostat that combines Function and Fashion.

Functionally, the 8425-1 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 8425-1 comes with all the great features you'd expect from Robertshaw. It has a large backlit display – 80% larger than other competitive models. The 8425-1 operates with a 24V common wire for applications where line power is preferred.

Fashionably, the 8425-1 Robertshaw thermostats can blend with any decor using exclusive Stat-Snaps™ (Custom Clear included with unit). 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.SM



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.

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 1st and 2nd 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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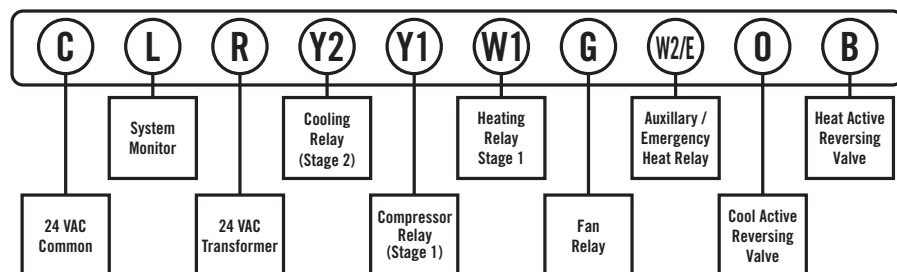
new series!



GAS ELECTRIC OIL HEAT PUMP

2 Heat / 2 Cool Universal

Terminal Designations



THE ROBERTSHAW 8425-1 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

8625-1: 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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