Robertshaw®

9801i2
DELUXE PROGRAMMABLE THERMOSTAT

G GAS **E** ELECTRIC **O** OIL **H** HEAT PUMP

Humidity Control

Menu Driven Display
1 Heat / 1 Cool

## Comfort Made Even Easier

Do you want to spend less time installing and setting up thermostats?

The new Robertshaw® 9801i2 thermostat makes controlling your customers' comfort even easier. We've combined humidity and temperature control in one easy to install, easy to program thermostat. This versatile thermostat provides control over both humidification and dehumidification. When used in conjunction with our 9025i outdoor sensor, the 9801i2 automatically controls indoor humidity levels maintaining optimal comfort while minimizing condensation on windows. Your customers will enjoy maximum comfort and energy savings and you will benefit from the time and effort saved by installing a single device that does the work of two.

The new Setup Wizard allows you to spend 50% less time setting up the thermostat over competitive models. Everything is in plain language so there are no complicated codes or button combinations to memorize.

The new 9801i2 is so user friendly it sets a higher standard in efficiency and simplicity for programmable thermostats. It is truly comfort made even easier.
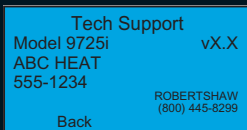
Even More Homeowner Friendly

Features and Benefits
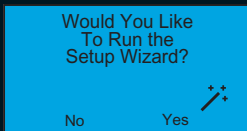
Set-up Wizard *NEW*
Helps speed through the installation process with step-by-step setup and programming instructions.

Would You Like To Run the Setup Wizard? No / Yes
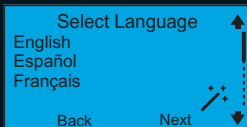
Trilingual Display Option
Set to your customers' language of choice — English, Spanish or French

Select Language: English, Español, Français — Back / Next
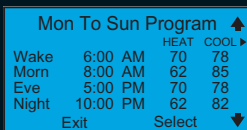
Convenient Displays
View a full day of programming at once for quick review or easy adjustment.

Mon To Sun Program
		HEAT	COOL
Wake	6:00 AM	70	78
Morn	8:00 AM	62	85
Eve	5:00 PM	70	78
Night	10:00 PM	62	82

Exit / Select

Contractor ID Feature
Set it yourself or custom order with your information preloaded. Your name and phone number remind your customers when service is needed.

*Tech Support
Model 9725i vX.X
ABC HEAT
555-1234
ROBERTSHAW (800) 445-8299
Back*

Automatic Daylight Saving Time
Automatically adjusts to correct time regardless of seasonal changes.

Brighter Adjustable Backlighting *NEW*
Choose to have backlighting on at all times or only when programming. You can also adjust the brightness and contrast for improved readability.

Nightlight Option *NEW*
Leave the backlight on to have a convenient, comforting nightlight to illuminate the area.

Time of Day Zoning *NEW*
When coupled with a remote indoor sensor (part #9020i), you can control the temperature in remote locations given different scheduled events.

Three Levels of Security *NEW*
Secure protection against unwanted changes to the programming menus, temperature or set-up functions with your own 4-digit PIN.

Auto Changeover
Automatically adjusts between heating and cooling cycles to maintain optimal comfort.

Worry-Free Memory Storage
Even during power outages, the thermostat maintains set point and programmed parameters.

Adjustable Temperature Offset
Change the displayed temperature from the actual sensed temperature.

Adjustable Temperature Differential
Maintains optimal customer comfort.

Intermittent Fan
Maintains optimal air filtration and circulation with minimal energy use.

ENERGY STAR

24 VAC POWERED

Five Year Warranty

Robertshaw

9801i2 DELUXE PROGRAMMABLE THERMOSTAT

G GAS **E** ELECTRIC **O** OIL **H** HEAT PUMP

THE ROBERTSHAW **9801i2** REPLACES:

White-Rodgers Co.*	1F95-1271, 1F97-391
Honeywell, Inc.*	TH8110
Carrier Corp.*	P274-1100, P374-1100, P474-1100

* Verify specific application requirements before substitution.
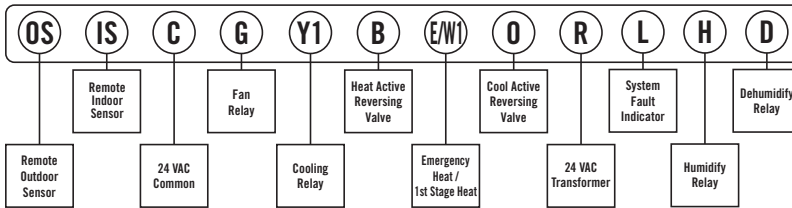
Optional Sensors:
9020i REMOTE INDOOR
9025i REMOTE OUTDOOR

Terminal Designations

(OS) (IS) (C) (G) (Y1) (B) (E/W1) (O) (R) (L) (H) (D)

Terminal	Designation
OS	Remote Outdoor Sensor
IS	Remote Indoor Sensor
C	24 VAC Common
G	Fan Relay
Y1	Cooling Relay
B	Heat Active Reversing Valve
E/W1	Emergency Heat / 1st Stage Heat
O	Cool Active Reversing Valve
R	24 VAC Transformer
L	System Fault Indicator
H	Humidify Relay
D	Dehumidify Relay

Specifications

Electrical rating: 24 Volt AC (18-30 VAC)
1 amp maximum load per terminal (relay outputs)
3 amp total maximum load (all terminals combined)
Temperature control range: 45°- 90°F (7°- 32°C)
Accuracy: +/-1.0°F (+/-0.5°C)
Power Source: 24 VAC
Auto Changeover deadband: Selectable 2° to 8°F
Temporary temperature override: From 10 minutes to 365 days
Remote sensor capable: 1 indoor and 1 outdoor sensor
System configurations: Single-stage gas, oil or electric heating/cooling systems and single stage heat pump
Terminations: OS, IS, C, G, Y1, B, E/W1, O, R, L, H, D

Shipping Information

Indiv. Ctn. Dim.: 6.625" x 4.25" x 1.625"
Master Ctn. Qty.: 6
Master Ctn. Dim.: 9.25" x 5.625 x 7.5"
Master Ctn. Cu. Ft.: .23
Master Ctn. Wt.: 3.5 lbs.
Max. Pallet Qty.: 1260
Max. Pallet Wt.: 785 lbs.

Item 9020i and 9025i Remote Sensors
Indiv. Ctn. Dim.: 2.625" x 1.5625" x 4.4375"
Master Ctn. Qty.: 6
Master Ctn. Dim.: 5.625" x 5.125" x 5.125"
Master Ctn. Cu. Ft.: .09
Master Ctn. Wt.: .78 lbs.

Other Single Stage Heat / Cool Thermostats

9200: Mercury-Free Deluxe Mechanical
9600: Programmable, 5-2 Day
9610: Programmable, 7 Day
9700i: Deluxe Programmable, 7 Day

Patent Information

This product is covered by one or more of the following U.S. patents. Foreign patent rights may be pending. 4967382, 5803357, 6502758, 7000849, D301207, D462940

	Robertshaw 9801i2	Honeywell TH8110	White-Rodgers 1F97-391
Menu Driven (Ease of Programming)	X		
Installation Wizard	X		
Displays Complete Program	X		
Adjustable Backlighting	X		
Cooling System Monitor	X		
Heating System Monitor	X		
Multi-Language; capable of up to 3 languages	X		
1/2 Degree Resolution	X		
Time of Day Zoning	X		
LED Status Indicators	X		
Integrated Fossil Fuel Kit Converter for Heat Pump Application	X		
Events per Day: 2, 4, 6	X		
5/2 Program	X		
24 Hour Program	X		
5/1/1 Program	X		
Dehumidification	X		
Intermittent Fan	X		
Customizable Contractor ID	X		
Remote Outdoor Sensor	X		
Remote Indoor Sensor	X	X	
Adjustable Residual Cooling	X	X	
12 or 24 Hour	X	X	
Humidifier Pad Monitor	X	X	
UV Light Monitor	X	X	
Humidification	X		X
7-Day Programming	X	X	X
Stages: 1H/1C	X	X	X
Large Display	X	X	X
Adjustable Timed Override	X	X	X
Adjustable Timed Hold	X	X	X
Automatic Daylight Saving Time Adjustment	X	X	X
Adjustable Temperature Limits	X	X	X
High/Low Balance Points	X	X	X
Adjustable Differential	X	X	X
Adjustable Compressor Short Cycle Protection	X	X	X
Battery Free Memory Retention	X	X	X
Manual Override	X	X	X
Resume	X	X	X
Auto Changeover	X	X	X
Gas/Electric	X	X	X
Single Stage Heat Pump Compatible	X	X	X
Line Powered	X	X	X
Programmable Fan	X	X	X
°F and °C	X	X	X
Air Filter Monitor	X	X	X
Vacation Setting	X	X	X
O & B Terminals	X	X	X
4 Hour Reserve	X	X	X
Energy Efficient Recovery	X	X	X
Pre-set Program	X	X	X
Hidden Service Level	X	X	X
Security Key Pad	X	X	X
Temperature Recalibration	X	X	X