

# Robertshaw®

# 9700i

DELUXE  
PROGRAMMABLE  
THERMOSTAT



GAS



ELECTRIC



HEAT PUMP



Homeowner Friendly™

## Features and Benefits



**Full Featured Settings**  
Set to your customer's unique lifestyle and language—English, Spanish or French.



**Conversational Menus**  
Take programming step by step in plain, easy to understand language.



**Convenient Displays**  
View a full day of programming at once for quick review or easy adjustment.



**Contractor ID Feature**  
Set your name and phone number to remind customers when service is needed.

**Menu Driven Display** — Makes programming so easy, you don't even need a manual.

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

**Front Load Battery Door** — For no-hassle access when changing batteries.

**Worry-Free Memory Storage** — Even during power outages, the thermostat maintains setpoint and programmed parameters.

**Fully Programmable** — 7 day, 5/2, 5/1/1 or 24 hour programming menus.

\* Based on consumer studies done by the research firm Decision Analyst, Inc.

Menu Driven Display  
1 Heat / 1 Cool

## Programming Made Easy

Did you know that 70% of people who own a programmable thermostat don't know how to use them? We listened. Finally, a programmable thermostat that's easy to program. Similar to a common cell phone, this menu driven programming style is so easy, you don't even need a manual.

Since programming is a breeze, your customers will really appreciate energy saving features like adjustable minimum and maximum temperature controls, and Energy Efficient Recovery™.

The 9700i is compatible with all standard 24 Volt AC heating / cooling systems, and requires only four wires for standard installation. We took the guess work out and put simplicity in. It's programming made easy.

**Adjustable Events Per Day** — 2, 4 or 6 events per day for greater control of your customer's comfort.

**Three Level Security** — Secure protection against unwanted changes to the programming menus, temperature or set-up functions.

**Adjustable Temperature Differential** — Maintains optimal customer comfort.

**Temperature Adjustment Limits** — Set minimum and maximum temperature settings.

**Programmable Fan** — Energy cost savings. Allows user to set and provide continuous circulation for optimal comfort.

**Intermittent Fan** — For minimum hourly fan circulation rates for optimal filtration with minimal energy use.

**Three Hold Settings** — Permanent program override, a temporary 3 hour override or a temporary override adjustable from 1 to 12 hours.



Technical service available:

1-800-445-8299

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



Two Year Warranty

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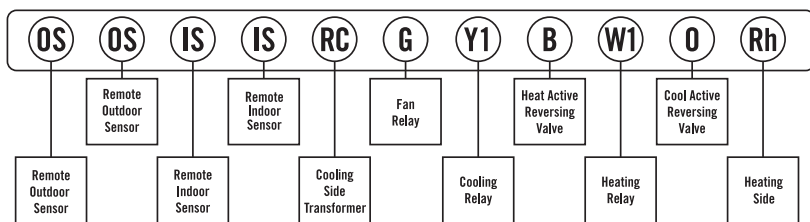


GAS ELECTRIC HEAT PUMP

## Patent Information

This product is covered by one or more of the following U.S. patents. Foreign patent rights may be pending. 5063164, 5573953, 5803357, 6502758, D301207

## Terminal Designations



Menu Driven Display  
1 Heat / 1 Cool



Optional Sensors:  
9020i REMOTE INDOOR  
9025i REMOTE OUTDOOR

## 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.

THE ROBERTSHAW 9700i REPLACES:

White-Rodgers Co.*	1F90-371, 1F97-371, 1F90-51, 1F90-71, 1F97-51, 1F97-51, 1F90-71
Honeywell, Inc.*	T8601D, T7300D
Carrier Corp.*	P274-1100, P474-1100, P374-1100

\* Verify specific application requirements before substitution.

## Specifications

**Electrical rating:** 24 Volt AC (18-30 VAC)  
1.0 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)  
**DC Power:** 3.0 Volt (4 "AA" batteries included)  
**Auto Changeover deadband:** Selectable 2° to 8°F  
**Temporay temperature override:** 3 hour maximum or next setpoint  
**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:** Rh, W1, Y1, B, O, G, RC, IS, IS, OS, OS

## Other Single Stage Heat / Cool Thermostats

9200: Mercury-Free Deluxe Mechanical  
9400: Digital  
9600: Programmable, 5-2 Day  
9610: Programmable, 7 Day

## Feature Comparison

	Robertshaw 9700i	Honeywell, Inc. T8601D	Carrier Corp. P274-1100	White-Rodgers Co. 1F97-371
Menu Driven (Ease of Programming)	X			
5/2 Day Programming	X			Other Model
24 Hr. Programming	X			
7 Day Programming	X	X	X	X
Large Display	X	X	X	X
Back Lighting	X	X	X	X
Battery Free Memory Retention	X	X	X	X
Manual Override	X	X	X	X
Resume	X	X	X	X
Auto Changeover	X	X	X	X
Front Load Battery Door	X			
Gas/Electric	X	X	X	X
Single Stage Heat Pump Compatible	X			X
Line Powered	X	X	X	X
Programmable Fan	X	X	X	X
Intermittent Fan	X	X	X	X
°F and °C	X	X	X	X
12 or 24 Hour	X	X		
Air Filter Monitor	X		X	X
Vacation Setting	X	X		X
O & B Terminals	X	X	Partial	X
Events / day	2, 4, 6	4	4	4
Adjustable Temperature Limits	X	X		
Remote Outdoor Sensor	X	X	X	X
Remote Indoor Sensor	X			X
LED Status Indicators	X			X
Adjustable Differential	X	X		X
Energy Efficient Recovery	X	X	X	X
Pre-Set Program	X	X	X	X
Hidden Service Level	X	X	X	
Security Key Pad	X			X
Compressor Short Cycle Protection	X	X	X	X
Adjustable Residual Cooling	X			X

Invensys®

Climate Controls Americas