

# Robertshaw®

# 9901i

DELUXE  
PROGRAMMABLE  
THERMOSTAT



GAS



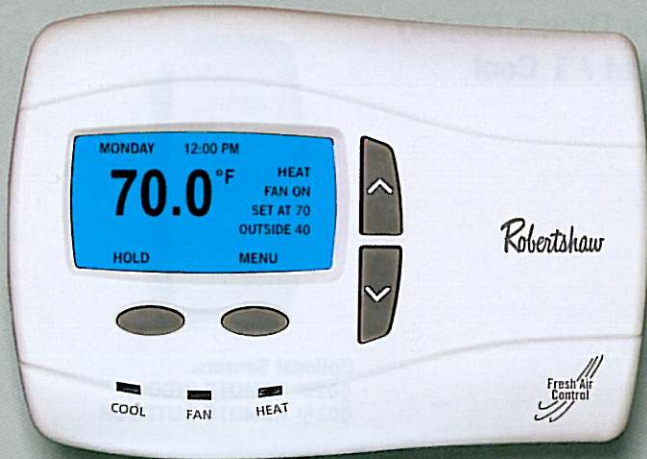
ELECTRIC



OIL



HEAT PUMP



Contractor Friendly™

Menu Driven Display  
1 Heat / 1 Cool

Fresh Air  
Control

## Precision Made Easy

### Temperature and Fresh Air Control

Finally a commercial thermostat made with building operators in mind. Your customers will benefit from maximum comfort and energy savings.

The i-Series thermostats received the 2003 Frost & Sullivan award for simple, menu-driven programming that is similar to a cell phone. Plus you can set optimal fresh air control to meet ASHRAE Indoor Air Quality Standards. We have also added an adjustable purge control to bring in fresh air occasionally during periods of non-occupancy.

The 9901i is compatible with all standard 24 Volt AC single stage gas/electric/oil systems and single stage heat pump systems, up to one-stage heat and one-stage cool (no auxiliary heat). We took the guesswork 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.

**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.

## Features and Benefits

### SELECT A LANGUAGE

ENGLISH  
SPANISH

USER MENU SELECT

### Bilingual Display Option

Set to your customer's unique lifestyle and language—*English or Spanish.*

### MENU

PROGRAM  
HEAT/COOL  
DAY/TIME  
FAN

MORE

HOME SELECT

### Conversational Menus

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

### MONDAY PROGRAM

	WAKE	DAY	EVE	NIGHT	HEAT	COOL
	6:30A	8:30A	4:30P	10:30P	70	78
					62	85
					70	78
					62	82

MAIN MENU SELECT

### Convenient Displays

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

### CONTACT INFORMATION

AIR EXPERTS  
555-2364

ACCEPT NEXT

### Contractor ID Feature

Set your name and phone number to remind customers when service is needed.

**Integrated Fresh Air Control** – Controls fresh air during occupancy along with programmable purge cycles during unoccupied periods. Operates as a dry contact or 24V option.

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

**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.



Technical service available:

1-800-445-8299

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



Two Year Warranty

# Robertshaw®

# 9901i

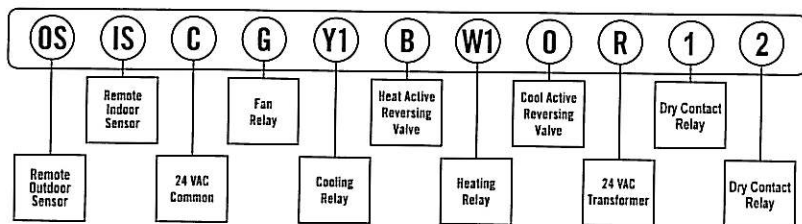
DELUXE  
PROGRAMMABLE  
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**G** **E** **O** **H**  
GAS ELECTRIC OIL HEAT PUMP

## 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 9901i REPLACES:

Honeywell, Inc.*	T7300D
Carrier Corp.*	P374-2300, 33CS071-01

\* Verify specific application requirements before substitution.

## 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: 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: R, W1, Y1, B, O, G, C, IS, OS, 1, 2

## 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

**invensys**

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Patents Pending [www.icca.invensys.com](http://www.icca.invensys.com)  
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## Feature Comparison

	Robertshaw 9901i	Honeywell, Inc. T7300D	Carrier Corp. P374-2300
Manual Override	X	X	X
EEPROM	X	X	X
Compressor Short Cycle Protection	X	X	X
7 Day Programming	X	X	X
Resume	X	X	X
Auto Changeover	X	X	X
Line Powered	X	X	X
Programmable Fan	X	X	X
O & B Terminals	X	X	Partial
°F and °C	X	X	X
Status Indicators	X	X	X
Adjustable Differential	X	X	X
Gas/Electric	X	X	X
Energy Efficient Recovery	X	X	X
Dry Contact Relays	X	X	X
24V Contact Relay	X		
Pre-Set Program	X	X	X
4 Hour Reserve	X	X	X
Events / day	2, 4, 6	4	4
Hidden Service Level	X	X	X
Remote Outdoor Sensor	X	X	X
Security Key Pad	X	X	X
Vacation Setting	X	X	X
Air Filter Monitor	X	X	X
12 or 24 Hour	X	X	
Remote Indoor Sensor	X	X	
Large Display	X		X
Back Lighting	X	X	X
Adjustable Purge Cycles	X		
Service Interval Reminders	X		
On Screen Contractor ID Service Reminder	X		
5/2 Day Programming	X		
Adjustable Residual Cooling	X		
1/2 Degree Resolution	X		
Menu Driven (Ease of Programming)	X		
24 Hr. Programming	X		

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