



insight™

9701i DELUXE
PROGRAMMABLE
THERMOSTAT



ELECTRIC GAS HEAT PUMP



Homeowner Friendly™

Menu Driven Display
1 Heat / 1 Cool

Programming Made Easy

Did you hear 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, insight's unique 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 9701i is compatible with all standard 24 Volt AC heating and cooling systems. We took the guess work out and put simplicity in. Programming made easy...it's pure insight.

Features and Benefits



Full Featured Settings
Set insight 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.

Menu Driven Display – Only insight™ offers selectable menus.

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.

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 7:30 a.m. - 5:30 p.m. CST



Two Year Warranty

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



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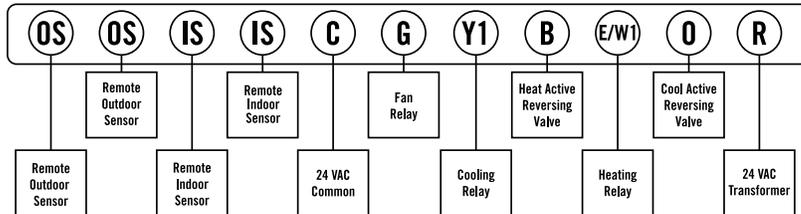


Menu Driven Display
1 Heat / 1 Cool



Optional Sensors:
9020i REMOTE INDOOR
9025i REMOTE OUTDOOR

Terminal Designations



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 INVENSYS 9701i REPLACES:

White-Rodgers Co.*	1F90-371, 1F97-371, 1F90-51, 1F97-51
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)
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, IS, OS, OS

Other Single Stage Heat / Cool Thermostats

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

Feature Comparison	Invensys insight 9701i	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
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
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

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Patents Pending
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