

Robertshaw®

9920i

DELUXE
PROGRAMMABLE
THERMOSTAT



HEAT PUMP



Contractor Friendly™



Menu Driven Display
2 Heat / 2 Cool

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 9920i is compatible with all standard 24 Volt AC heat pump system, up to two-stage heat and two-stage cool. We took the guesswork out and put simplicity in. It's programming made easy.

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

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

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.



High/Low Balance Point Control – When connected to the outdoor sensor, model 9025i, the thermostat can automatically control first and second stage activities with adjustable set points.

Selectable 2nd Stage Heating (Fossil Fuel Kit) – Choose internal auxiliary or a remote heating system.

Adjustable 1st and 2nd Stage Differential – Maintains optimal customer comfort.

Adjustable Timed Upstaging – Helps maintain optimal temperature or energy savings.

Remote Indoor and Outdoor Sensor Capable – For greater control of indoor comfort and system efficiency.

EER™ (Energy Efficient Recovery) – Increases energy savings. EER™ allows gradual recovery from setback temperature to minimize use of auxiliary systems.



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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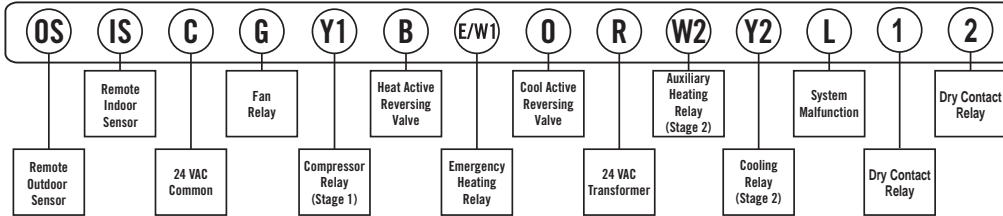


HEAT PUMP

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
2 Heat / 2 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 9920i REPLACES:

Honeywell, Inc.*	T7300F
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)
4 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: Multi-stage heat pumps
Terminations: R, E, Y1, B, W2, Y2, L, O, G, C, IS, OS, 1, 2

Other Multi-Stage Heat Pump Thermostats

9720i: Programmable, 7 Day
9620: Programmable, 7 Day
9420: Non-Programmable

Feature Comparison	Robertshaw 9920i	Honeywell, Inc. T7300F	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		
High-Low Balance Point Control	X		
Fossil Fuel Kit Standard	X	Optional	Optional
Service Interval Reminders	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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