



## Low Voltage Standard Thermostat

Manufacturer: Robertshaw

Model: 9600

Features: 5-2 Day Programmable  
1 Heat / 1 Cool  
Manual Changeover

Plus... Energy Efficient Recovery (EER™)  
Compressor Short Cycle Protection

### Description

The Model 9600 thermostat is the perfect thermostat for affordable home temperature control. This thermostat was engineered to meet the heating and cooling needs of a busy life-style demands. The modern design allows attractive and consistent temperature control. The large digital display makes viewing and setting the temperature easy and accurate. For system safeguard, the thermostat has automatic compressor short cycle protection which reduces wear and tear of HVAC equipment. The adjustable temperature differential maintains optimal customer comfort. The Residual COOL feature will keep the system fan on for an additional 30, 60 or 90 seconds after the compressor cycles off. The Residual COOL feature can only be set in the COOL mode.

The 9600 thermostat features easy one-button programming that can be set for both summer and winter at installation. The thermostat will allow for temporary manual temperature adjustments. The Energy Efficient Recovery (EER™) allows your system to operate at peak efficiency for optimal energy savings. EER™ looks up to 2 hours prior to the end of a set-back period to begin monitoring system performance and determine the most efficient time to turn on your system. During this period, the auxiliary stages of heating and cooling will be locked out. Only the most efficient stages will be utilized. At 20 minutes prior to the upcoming setpoint time, the auxiliary stages will be available to achieve temperature setpoint if required.

The 9600 thermostat is compatible with all standard 24 VAC heating and cooling systems. The thermostat is mercury-free, which makes it environmentally safe and requires no leveling.

### Specifications

Electrical rating: 24 Volt AC (18-30 VAC)  
1 amp maximum load per terminal  
3 amp total maximum load  
(all terminals combined)

Temperature control range: 45° - 90°F (7°-32°C)

Accuracy: +/-1°F (+/-0.5°C)

DC Power: 3.0 VDC  
(2 "AA" alkaline batteries included)

System configurations: 2-5 wire single stage gas,  
oil, or electric systems

Terminations: Rh, Rc, W, Y, G

## Model Selection

Model Number	Description	List Price
9600	1 Heat / 1 Cool 5-2 Day programmable thermostat w/ manual changeover plus 2 unique features	\$119.00 ea.

## Accessories Selection

Model Number	Description	List Price
TG1	High impact plastic thermostat guard	\$34.00 ea.
TG2B	Metal thermostat guard	\$58.00 ea.

## Features / Benefits / Applications

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|---|--|---|
| <ul style="list-style-type: none"> <li>● Weekly 5-2 Day programming</li> <li>● Zone system compatible as a master thermostat</li> <li>● Low battery indicator</li> <li>● Fahrenheit/Celsius display option</li> <li>● Adjustable from 45°F (7°C) to 90°F (32°C)</li> <li>● Accuracy within +/-1 degree</li> <li>● Adjustable temperature differential: .5 - 1.5 degree</li> </ul> | <ul style="list-style-type: none"> <li>● 4 pre-programmed Energy Star setpoints for each day of the week</li> <li>● Energy Efficient Recovery (EER™)</li> <li>● Residual cooling for added air-conditioning efficiency</li> <li>● 2 "AA" ENERGIZER brand batteries retain program memory, even during power outages.</li> <li>● Large digital display</li> <li>● Automatic compressor short cycle protection</li> <li>● Maintains summer and winter programming</li> </ul> | <ul style="list-style-type: none"> <li>● Quick wire terminal block</li> <li>● Environmentally safe</li> <li>● Mercury-free</li> <li>● No leveling required</li> <li>● Relay output for complete 24V heating and cooling system compatibility</li> </ul> |
|---|--|---|

## Specifying Information

The EM Warehouse has many years of experience in spec writing, design-build and interpretation of written specifications. If we can assist you in this area just E-mail your requirements to [emw@ecs-controls.com](mailto:emw@ecs-controls.com).

## Ordering Information

Please contact an EM Warehouse (EMW) representative for the following:

- Wholesale Discount Multiplier - Issued to resellers, contractors and holders of an EIN.
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- Application for a line of credit - Submit an application, free of charge, for an open account.
- Product assistance - Receive help in selecting the right product for your needs and applications.
- Order placement - Place your order and receive confirmation on delivery.
- Request manufacturer data sheets - A detailed description of the product information and schematics.
- Request addition information - We are here to assist you in finding answers and alternatives.

The EM Warehouse (EMW) accepts: VISA, Master Card & American Express credit cards.

You can reach us by the telephone and fax numbers listed below or E-mail us at [emw@ecs-controls.com](mailto:emw@ecs-controls.com). Customers out-of-state can reach us using our 1-800-642-0538 toll free telephone line.

We look forward to servicing both you and your control needs now and in the future.

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