



Low Voltage Standard Thermostat Heat Pump Compatible

Manufacturer: Robertshaw

Model: 9610

Features: 7 Day Programmable
1 Heat / 1 Cool
Manual Changeover

Plus... Exclusive Quickset™ Programming
Energy Efficient Recovery (EER™)
Compressor Short Cycle Protection
LED Indication for Auxiliary System Operation
Single Stage Heat Pump Compatible
Low Temperature Freeze Protection

Description

The Model 9610 thermostat is the perfect thermostat for affordable home temperature control. This thermostat was engineered to meet the heating and cooling needs a busy life-style demands. The modern design allow attractive and consistent temperature control. The large digital display make 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 9610 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 9610 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 (+/- .5°C)

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

System configurations: 2-7 wire single stage gas, oil, or electric systems

Terminations: Rh, Rc, W, Y, B, O, G

Model Selection

| Model Number | Description | List Price |
|--------------|--|--------------|
| 9610 | 1 Heat / 1 Cool 7 Day programmable thermostat w/ manual changeover plus 6 unique features | \$157.00 ea. |
| | | |

Accessories Selection

| Model Number | Description | List Price |
|--------------|--------------------------------------|-------------|
| TG1 | High impact plastic thermostat guard | \$34.00 ea. |
| TG2B | Metal thermostat guard | \$58.00 ea. |
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Features / Benefits / Applications

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|--|--|---|
| <ul style="list-style-type: none"> ● 7 Day programming ● Zone system compatible as a master thermostat ● Single stage heat pump compatible ● Fahrenheit/Celsius display option ● Adjustable from 45°F (7°C) to 90°F (32°C) ● Accuracy within +/-1 degree ● Adjustable 1st stage temperature differential: 1° - 3°F degree 2nd stage temperature differential: 2° - 6°F ● Energy Efficient Recovery (EER™) ● Maintains summer and winter programming | <ul style="list-style-type: none"> ● Low temperature freeze protection. While in heat mode, thermostat will mechanically turn on heat if temperature drops to 40°F (4°C) even if batteries are missing or drained ● Quickset™ programming for quickly programming all days of the week simultaneously ● Adjustable temperature differential: .5 - 1.5 degree ● LED indicator for auxiliary system operation ● 4 pre-programmed Energy Star setpoints for each day of the week ● Residual cooling for added air-conditioning efficiency ● 2 "AA" ENERGIZER brand batteries retain program memory, even during power outages. | <ul style="list-style-type: none"> ● Automatic compressor short cycle protection ● Large digital display ● O and B terminals ● Quick wire terminal block ● Low battery indicator ● Environmentally safe ● Mercury-free ● No leveling required ● Relay output for complete 24V heating and cooling system compatibility |
|--|--|---|

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.

Ordering Information

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

- Wholesale Discount Multiplier - Issued to resellers, contractors and holders of an EIN.
- Retail Discount Multiplier - Issued to individuals and non-holders of an EIN.
- Quantity discounts - Let us help you save money when you need large quantities.
- 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.
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