



Low Voltage Heat Pump Thermostat

Manufacturer: Robertshaw

Model: 9520

Features: Digital Non-Programmable
2 Heat / 2 Cool
Manual Changeover

Plus... Automatic Heating Shutdown
Compressor Short Cycle Protection
System Status LED Indication
Battery Free Memory Storage

Description

The Model 9520 multi-stage heat pump thermostat is the clear alternative to traditional mechanical heat pump thermostats. 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 heat automatically turns on when temperature goes below 40 degrees Fahrenheit which provides low temperature protection of the space and keeps pipes from freezing.

The 9520 heat pump thermostat is compatible with all standard 24 VAC multi-stage heat pump systems. Multi-colored LED's indicate system status with auxiliary (green) check (red) and emergency heat (red). 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)

System Configurations: Multi-stage heat pump systems - two stage heat, two stage cool

Terminations: R, E, W2, Y1, Y2, O, B, G, L, C

Model Selection

Model Number	Description	List Price
9520	2 Heat / 2 Cool digital thermostat w/ manual changeover plus 4 unique features	\$133.00 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"> ● Multi-stage heat and cooling control ● Zone system compatible as a master thermostat ● Battery free memory storage ● Fahrenheit/Celsius display option ● Adjustable from 45°F (7°C) to 90°F (32°C) ● Accuracy within +/-1 degree ● Adjustable temperature differential: .5 - 1.5 degree | <ul style="list-style-type: none"> ● Automatic heating shutdown if temperature exceeds 90°F (32°C) ● Large digital display ● Automatic compressor short cycle protection ● O and B terminals ● Quick wire terminal block ● Relay output for complete 24V heating and cooling system compatibility | <ul style="list-style-type: none"> ● Environmentally safe ● Mercury-free ● No leveling required ● Multi-colored LED indicators for system status |
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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:

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- Request addition information - We are here to assist you in finding answers and alternatives.

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