

Braeburn®

500 1 Heat / 1 Cool

505 Heat Only

507 Cool Only

**Mechanical
Thermostats**



Inside of Model 500 Shown

Features

- Dependable Switch Performance
- Environmentally Safe – Mercury-Free
- Integrated Sub-Base and Front Mounted Wiring Terminals Make Installation Easy
- Separate O & B Terminals (Model 500 Only)
- Plated Terminals Reduce Corrosion
- No Leveling Required During Installation
- Heavy Duty Heat Anticipator (Model 500 and 505)

megaswitch®

Magnetic Switch Technology

**BUILDER
SERIES**

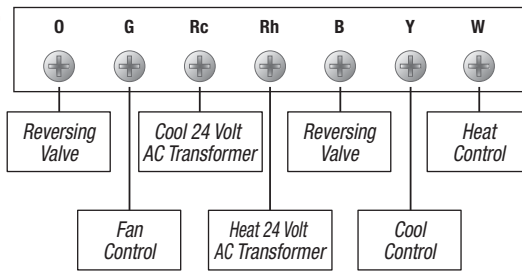
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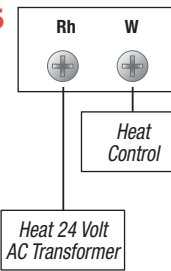
Toll-Free 866.268.5599 (U.S.) +1.630.844.1968 (Outside the U.S.)

Terminal Designations

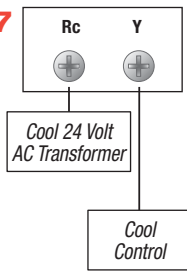
500



505



507



Architectural Specifications

The megaswitch® mechanical thermostat shall be a Braeburn®, model number 500, 4.60" high x 3.13" wide x 1.25" deep. The thermostat shall be compatible with single stage gas, oil or electric heating or cooling systems including single stage heat pumps and 250mv – 750mv millivolt heating systems*. The thermostat shall have a separate sub-base and front mounted wiring terminals for trouble free installation. Temperature control range shall be between 50° and 90° F (10° and 32° C), heat anticipation of 0.15 to 1.2 amps, humidity range between 5% and 95% relative humidity. The thermostat shall be mercury free, have plated terminals to prevent corrosion and require no leveling during installation. The thermostat can be mounted to a vertical junction box. * The model 505 is compatible with single stage gas, oil or electric heating systems including 250mv – 750mv millivolt heating systems. The model 507 is compatible with single stage air conditioning systems.

Product Specifications

Dimensions:	4.60" x 3.13" x 1.25"
Electric Rating:	24 Volt AC (18-30 Volt AC)
Heat Anticipation:	0.15 to 1.2 amps
Compatibility:	<p>Model 500 – Single stage gas, oil or electric heating or cooling systems, single stage heat pump systems, 250mv – 750mv millivolt heating systems</p> <p>Model 505 – Single stage gas, oil or electric heating systems, 250mv – 750mv millivolt heating systems</p> <p>Model 507 – Single stage air conditioning systems</p>
Control Range:	50° to 90° F (10° to 32° C)
Storage Temperature:	14° to 140° F (-10° to 60° C)
Operating Humidity:	5% to 95% Relative Humidity
System Lever:	<p>Model 500 – COOL/OFF/HEAT</p> <p>Model 505 – OFF/HEAT</p> <p>Model 507 – OFF/COOL</p>
Fan Control Lever:	Model 500 – AUTO/ON
Terminations:	<p>Model 500 – O, G, Rc, Rh, B, Y, W</p> <p>Model 505 – Rh, W</p> <p>Model 507 – Rc, Y</p>

Shipping Information

INDIVIDUAL CARTON

Dimensions:	5.10" x 3.10" x 1.30"
Weight:	.30 lbs. (Models 500 & 505) .28 lbs. (Model 507)

MASTER CARTON

Quantity:	12
Dimensions:	9.00" x 4.00" x 10.30"
Cubic Feet:	.15
Weight:	4.25 lbs. (Models 500 & 505) 4.00 lbs. (Model 507)

Braeburn 500 Replaces

Honeywell®	T87F, T812C, T834
White-Rodgers®	1C26, 1F56, 1E56, 1D56

Braeburn 505 Replaces

Honeywell®	T87F, T812A, T834
White-Rodgers®	1F30, 1E30, 1D30, 1C30, 1C20

Braeburn 507 Replaces

Honeywell®	T87F, T812D, T834
White-Rodgers®	1C21, 1E31, 1F51

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Accessories

5970 Universal Thermostat Guard

FREE Contractor Branding Available!

Visit our website (www.braeburnonline.com) for more information, contact your local distributor or call our sales department toll-free at 866.268.5599 (U.S.), +1.630.844.1968 (Outside the U.S.).

Date: _____
 Job Name: _____
 Location: _____
 Contractor: _____

Engineer: _____
 Model No.: _____
 Submitted By: _____
 Submitted For Approval: _____ Record: _____