

Braeburn®

500 1 Heat / 1 Cool **Mechanical**
505 Heat Only **Thermostats**



Inside of Model 500 Shown

Features

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

megaswitch®
Magnetic Switch Technology

**BUILDER
SERIES**

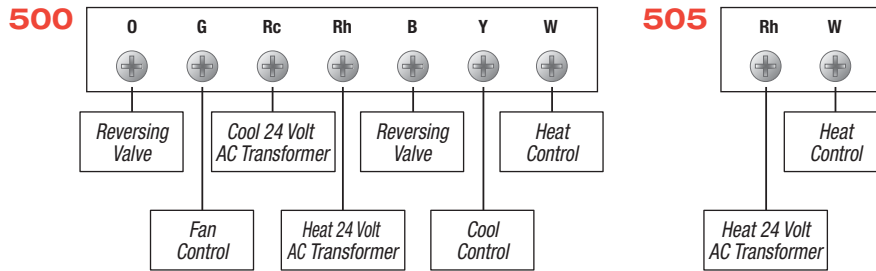
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Toll-Free 866.268.5599 (U.S.) +1.630.844.1968 (Outside the U.S.)

Braeburn®

Terminal Designations



Architectural Specifications

The megaswitch® mechanical thermostat shall be a Braeburn®, model number 500 or 505, 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.

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>
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>
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>

Shipping Information

INDIVIDUAL CARTON	MASTER CARTON
Dimensions: 5.10" x 3.10" x 1.30"	Quantity: 12
Weight: .30 lbs. (Models 500 & 505)	Dimensions: 9.00" x 4.00" x 10.30"
	Cubic Feet: .15
	Weight: 4.25 lbs. (Models 500 & 505)

Braeburn 500 Replaces

Honeywell®	T87F, T812C, T834
Emerson®	1C26, 1F56, 1E56, 1D56

Braeburn 505 Replaces

Honeywell®	T87F, T812A, T834
Emerson®	1F30, 1E30, 1D30, 1C30, 1C20

All trademarks are the property of their respective owners.

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: _____

Braeburn Systems LLC • 2215 Cornell Avenue • Montgomery, IL 60538 • Toll-Free 866.268.5599 (U.S.) +1.630.844.1968 (Outside the U.S.)