

Braeburn®

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



Inside of Model 500C 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 500C Only)
- Plated Terminals Reduce Corrosion
- No Leveling Required During Installation
- Heavy Duty Heat Anticipator

megaswitch®
Magnetic Switch Technology

**BUILDER
SERIES**

FREE Contractor Branding!
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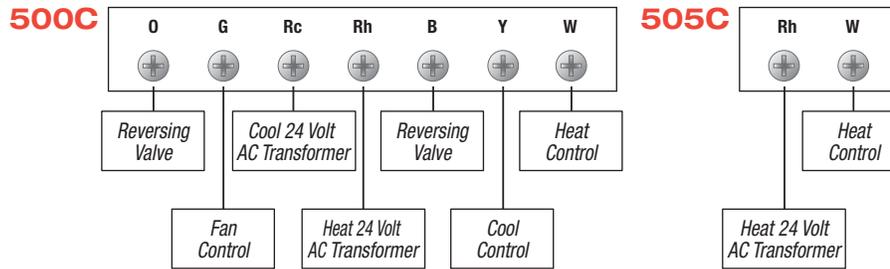
ROHS
COMPLIANT



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 500C or 505C, 11.68 high x 7.95 wide x 3.18 cm. 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 10° and 32° C (50° and 90° F), 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 505C is compatible with single stage gas, oil or electric heating systems including 250mv – 750mv millivolt heating systems.

Product Specifications

Dimensions:	11.68 x 7.95 x 3.18 cm
Electric Rating:	24 Volt AC (18-30 Volt AC)
Heat Anticipation:	0.15 to 1.2 amps
Compatibility:	<p>Model 500C – Single stage gas, oil or electric heating or cooling systems, single stage heat pump systems, 250mv – 750mv millivolt heating systems</p> <p>Model 505C – Single stage gas, oil or electric heating systems, 250mv – 750mv millivolt heating systems</p>
Control Range:	10° to 32° C (50° to 90° F)
Storage Temperature:	-10° to 60° C (14° to 140° F)
Operating Humidity:	5% to 95% Relative Humidity
System Lever:	<p>Model 500C – COOL/OFF/HEAT</p> <p>Model 505C – OFF/HEAT</p>
Fan Control Lever:	Model 500C – AUTO/ON
Terminations:	<p>Model 500C – O, G, Rc, Rh, B, Y, W</p> <p>Model 505C – Rh, W</p>

Shipping Information

INDIVIDUAL CARTON	MASTER CARTON
Dimensions: 12.95 x 7.87 x 3.30 cm	Quantity: 12
Weight: .14 kg (Models 500C & 505C)	Dimensions: 22.86 x 10.16 x 26.16 cm
	Cubic Meter: .004
	Weight: 1.93 kg (Models 500C & 505C)

Braeburn 500C Replaces

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

Braeburn 505C Replaces

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

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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: _____

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