



WALL THERMOSTATS

Braeburn®



7500 Kit

SMART WI-FI UNIVERSAL WIRELESS THERMOSTAT KIT

7500 Series

The Braeburn® BlueLink™ 7500 Wireless 7 Day, 5-2 Day or Non-Programmable Thermostat Kit includes thermostat, control module and plenum sensor for conventional or heat pump systems up to 3 stages of heat and 2 stages of cool with a 5 square inch display, auto changeover and wireless remote sensing.

Thermostat Features and Benefits

- 7 Day, 5-2 Day or Non-Programmable
- Auto or manual changeover
- Residential or commercial modes
- Battery operated for total installation flexibility
- SpeedBar® multi-function button
- Compatible with 2 or 3 wire hydronic zone systems
- Adjustable balance points
- Auxiliary heat fossil fuel option
- Programmable fan control
- R and C terminals for optional 24V operation
- Adjustable temperature units
- Multi-level keypad lockout
- Free color contractor branding on quick reference instruction card

Control Module Features and Benefits

- Superior wireless range
- Battery life exceeds virtually all competitive models
- Includes return air sensor for default temperature control even if batteries are drained
- Connect to 4 optional wireless indoor sensors for remote temperature sensing*
- Optional wireless outdoor sensing for outdoor temperature display or balance point control*
- Optional wireless humidity plenum sensor for whole-house humidification control*
- Affordable solution for most thermostat applications

* Up to 4 wireless sensors can be connected

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Auto Changeover	Remote Sensor Capable	Comments
7500	Smart Thermostat	Universal, Up to 3 Heat / 2 Cool Heat Pump, Up to 2 Heat / 2 Cool Conventional, Electric, Gas, Oil or Millivolt, 2/3 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp maximum load per terminal, 5 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- .5°C)	Control Module S1, S2, P1, P2, L, C, Y2, Y1, O/B/ V3, W2/AUX, W1/E, Rh, Rc, G Thermostat R, C	3.86" x 5.11" x 1.42" (9.8cm x 13cm x 3.6cm)	Blue	Yes	Yes	Complete kit to add or relocate a thermostat



ROHS
COMPLIANT

5 Year
Limited
Warranty

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WALL THERMOSTATS



SMART WI-FI TOUCHSCREEN UNIVERSAL THERMOSTATS

7320 Series

The Braeburn® BlueLink™ 7320 Smart Wi-Fi Touchscreen Thermostat is a 7 Day, 5-2 Day or Non-Programmable Thermostat for conventional or heat pump systems with up to 3 stages of heat and 2 stages of cool with a 6.5 square inch display, auto changeover and wireless remote sensing.

Features and Benefits

- 7 Day, 5-2 Day or Non-Programmable
- Residential or commercial modes
- Auto or manual changeover
- Adjustable temperature limits
- Hardwire or battery powered
- SpeedBar® multi-function button
- Programmable and circulating fan modes
- Wired remote sensor capability
- Auxiliary heat fossil fuel option
- Heat pump balance points
- Auxiliary "A" terminal for economizer, fresh air or output control
- Wireless remote sensor capability - indoor, outdoor or humidity
- Humidification and dehumidification control with 7330 wireless sensor (sold separately)
- "C" common wire required for Wi-Fi operation
- Free color contractor branding on quick reference instruction card



Phone not included

7320

Braeburn®

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Auto Changeover	Remote Sensor Capable	Comments
7320	Smart Touchscreen Thermostat	Universal, Up to 3 Heat / 2 Cool Heat Pump, Up to 2 Heat / 2 Cool Conventional, Electric, Gas, Oil or Millivolt, 2 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp maximum load per terminal, 6 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C)	Rh, Rc, C, W2/AUX, W1/E, L, A, O/B, G, Y2, Y1, K, S2, S1	3.94" x 5.56" x 1.19" (10cm x 14.1cm x 3cm)	Blue	Yes	Yes	Remote access from Smartphone, tablet, or PC



ROHS COMPLIANT

5 Year Limited Warranty

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WALL THERMOSTATS

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7305

Phone not included



7205

SMART WI-FI UNIVERSAL THERMOSTATS

7305 and 7205 Series

The Braeburn® BlueLink™ 7305 and 7205 Smart Wi-Fi Thermostat is a 7 Day, 5-2 Day or Non-Programmable Thermostat for conventional or heat pump systems with up to 3 stages of heat and 2 stages of cool. The 7305 has a 5 square inch display, auto changeover and wired remote sensing. The 7205 has a 3 square inch display and requires no C wire.

Features and Benefits

- 7 Day, 5-2 Day or Non-Programmable
- Residential or commercial modes
- Auto or manual changeover
- Adjustable temperature limits
- Hardwire or battery powered
- SpeedBar® multi-function button
- Programmable and circulating fan modes
- Wired remote sensor capability
- Auxiliary heat fossil fuel option
- Heat pump balance points
- Auxiliary "A" terminal for economizer, fresh air or output control
- Humidification and dehumidification control for the 7305 model with 7330 wireless sensor (sold separately)

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Auto Changeover	Remote Sensor Capable	Comments
7305	Smart Thermostat	Universal, Up to 3 Heat / 2 Cool Heat Pump, Up to 2 Heat / 2 Cool Conventional, Electric, Gas, Oil or Millivolt, 2/3 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp maximum load per terminal, 6 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C)	Rh, Rc, C, W2, W1/E/W3, L, A, O/B/V3, G, Y2, Y1, K, S2, S1	3.94" x 5.56" x 1.19" (10cm x 14.1cm x 3cm)	Blue	Yes	Yes	Requires "C" common wire for WiFi Remote access from Smartphone, tablet, or PC
7205	Smart Thermostat	Universal, Up to 3 Heat / 2 Cool Heat Pump, Up to 2 Heat / 2 Cool Conventional, Electric, Gas, Oil or Millivolt, 2/3 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp maximum load per terminal, 6 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C)	Rh, Rc, C, W2, W1/E/W3, L, A, O/B/V3, G, Y2, Y1, K, S2, S1	3.94" x 5.56" x 1.19" (10cm x 14.1cm x 3cm)	Blue	Yes	Yes	Remote access from Smartphone, tablet, or PC



5 Year Limited Warranty

WALL THERMOSTATS



SMART WI-FI UNIVERSAL THERMOSTATS

7300 Series

The Braeburn® BlueLink™ 7300 Smart Wi-Fi Thermostat is a 7 Day, 5-2 Day or Non-Programmable Thermostat for single stage conventional or heat pump systems with a 5 square inch display, auto changeover and wired remote sensing.

Features and Benefits

- 7 Day, 5-2 Day or Non-Programmable
- Residential or commercial modes
- Auto or manual changeover
- Adjustable temperature limits
- Hardwire or battery powered
- SpeedBar® multi-function button
- Programmable and circulating fan modes
- Wired remote sensor capability
- "C" common wire required for Wi-Fi operation
- Free color contractor branding on quick reference instruction card



Phone not included

7300

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Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Auto Changeover	Remote Sensor Capable	Comments
7300	Smart Thermostat	Universal, 1 Heat / 1 Cool Heat Pump or Conventional, Electric, Gas, Oil or Millivolt, 2/3 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp maximum load per terminal, 3 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C)	G, Rh, Rc, K, W1, O/B/V3, Y1, C, S1, S2	3.94" x 5.56" x 1.19" (10cm x 14.1cm x 3cm)	Blue	Yes	Yes	Remote access from Smartphone, tablet, or PC



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5 Year
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Warranty

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WALL THERMOSTATS

Braeburn®



6425

DELUXE TOUCHSCREEN UNIVERSAL THERMOSTAT WITH HUMIDIFICATION CONTROL

6425 Series

The Braeburn® 6425 Deluxe Touchscreen is a 7 Day, 5-2 Day or Non-Programmable Thermostat with humidification control for conventional or heat pump systems with up to 4 stages of heat and 2 stages of cool with a 12 square inch display, auto changeover and optional remote sensing.

Features and Benefits

- 7 Day, 5-2 Day or Non-Programmable
- Auto or manual changeover
- Hardwire or battery powered
- SpeedBar® multi-function button
- SpeedSet® programming mode
- Circulating fan mode
- Programmable fan mode
- User selectable service monitors
- Indoor or outdoor remote sensing
- Adjustable temperature limits
- Residential or commercial modes
- Separate user and installer reset buttons
- Economizer control
- Auxiliary heat fossil fuel option
- Adjustable balance points
- Humidification and dehumidification control
- Trilingual packaging and instructions
- Free color contractor branding on quick reference instruction card

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Auto Changeover	Remote Sensor Capable
6425	Touchscreen Programmable Thermostat	Universal, Up to 4 Heat / 2 Cool Heat Pump, Up to 3 Heat / 2 Cool Conventional, Electric, Gas, Oil or Millivolt, 2 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 3 Amp maximum load per terminal, 7 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	A/D, H, G, Rc, Rh, W2/AUX2, W3/O/B, Y1, Y2, W1/E/AUX1, C, L, S1, S2	4.13" x 6.13" x 1.38" (10.5cm x 15.6cm x 3.5cm)	Blue	Yes	Yes



RHS
COMPLIANT

5 Year
Limited
Warranty

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WALL THERMOSTATS



DELUXE TOUCHSCREEN UNIVERSAL PROGRAMMABLE THERMOSTATS

6300 Series

The Braeburn® 6300 Deluxe Touchscreen is a 7 Day, 5-2 Day or Non-Programmable Thermostat for conventional or heat pump systems with up to 4 stages of heat and 2 stages of cool with a 12 square inch display, auto changeover and optional remote sensing.

Features and Benefits

- 7 Day, 5-2 Day or Non-Programmable
- Auto or manual changeover
- Hardwire or battery powered
- SpeedBar® multi-function button
- SpeedSet® programming mode
- Circulating fan mode
- Programmable fan mode
- User selectable service monitors
- Indoor or outdoor remote sensing
- Adjustable temperature limits
- Separate user and installer reset buttons
- Residential or commercial modes
- Economizer control
- Auxiliary heat fossil fuel option
- Adjustable balance points
- Trilingual packaging and instructions
- Free color contractor branding on quick reference instruction card



6300

Braeburn®

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Auto Changeover	Remote Sensor Capable
6300	Touchscreen Programmable Thermostat	Universal, Up to 4 Heat / 2 Cool Heat Pump, Up to 3 Heat / 2 Cool Conventional, Electric, Gas, Oil or Millivolt, 2 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 3 Amps maximum load per terminal, 7 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	A, G, Rc, Rh, W2/AUX2, W3/O/B, Y1, Y2, W1/E/ AUX1, C, L, S1, S2	4.13" x 6.13" x 1.38" (10.5cm x 15.6cm x 3.5cm)	Blue	Yes	Yes



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5 Year
Limited
Warranty

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WALL THERMOSTATS

Braeburn®



6100

DELUXE TOUCHSCREEN UNIVERSAL PROGRAMMABLE THERMOSTATS

6100 Series

The Braeburn® 6100 Deluxe Touchscreen is a 7 Day, 5-2 Day or Non-Programmable Thermostat for single stage conventional or heat pump systems with a 12 square inch display, auto changeover and optional remote sensing.

Features and Benefits

- 7 Day, 5-2 Day or Non-Programmable
- Auto or manual changeover
- Hardwire or battery powered
- SpeedBar® multi-function button
- SpeedSet® programming mode
- Circulating fan mode
- Programmable fan mode
- User selectable service monitors
- Indoor or outdoor remote sensing
- Adjustable temperature limits
- Separate user and installer reset buttons
- Residential or commercial modes
- Trilingual packaging and instructions
- Free color contractor branding on quick reference instruction card

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Auto Changeover	Remote Sensor Capable
6100	Touchscreen Programmable Thermostat	Universal, 1 Heat / 1 Cool Heat Pump or Conventional, Electric, Gas, Oil or Millivolt, 2 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 3 Amps maximum load per terminal, 7 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	Rc, Rh, O/B, Y, W, G, C, S1, S2	4.13" x 6.13" x 1.38" (10.5cm x 15.6cm x 3.5cm)	Blue	Yes	Yes



5 Year Limited Warranty

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WALL THERMOSTATS



PREMIER TOUCHSCREEN UNIVERSAL PROGRAMMABLE THERMOSTATS

5320 Series

The Braeburn® 5320 Premier Touchscreen is a 7 Day, 5-2 Day or Non-Programmable Thermostat for conventional or heat pump systems up to 4 stages of heat and 2 stages of cool with a 6.5 square inch display, auto changeover and optional remote sensing.

Features and Benefits

- 7 Day, 5-2 Day or Non-Programmable
- Auto or manual changeover
- Hardwire or battery powered
- SpeedBar® multi-function button
- SpeedSet® programming mode
- Circulating fan mode
- Programmable fan mode
- User selectable service monitors
- Multi-level keypad lockout
- Indoor or outdoor remote sensing
- Adjustable temperature limits
- Separate user and installer reset buttons
- Residential and commercial modes
- Auxiliary heat fossil fuel option
- Adjustable balance points
- Economizer control
- Trilingual packaging and instructions
- Free color contractor branding on quick reference instruction card



5320

Braeburn®

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Auto Changeover	Remote Sensor Capable
5320	Touchscreen Programmable Thermostat	Universal, Up to 4 Heat / 2 Cool Heat Pump, Up to 3 Heat / 2 Cool Conventional, Electric, Gas, Oil or Millivolt, 2 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amps maximum load per terminal, 7 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	A, G, Rc, Rh, W2/AUX2, W3/0/B, Y1, Y2, W1/E/AUX1, C, L, S1, S2	3.94" x 5.56" x 1.19" (10cm x 14.12cm x 3.02cm)	Blue	Yes	Yes



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5 Year
Limited
Warranty



WALL THERMOSTATS

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5310

PREMIER TOUCHSCREEN UNIVERSAL PROGRAMMABLE THERMOSTATS

5310 Series

The Braeburn® 5310 Premier Touchscreen is a 7 Day, 5-2 Day or Non-Programmable Thermostat for single stage conventional or heat pump systems with a 6.5 square inch display, auto changeover and optional remote sensing.

Features and Benefits

- 7 Day, 5-2 Day or Non-Programmable
- Auto or manual changeover
- Hardwire or battery powered
- SpeedBar® multi-function button
- SpeedSet® programming mode
- Circulating fan mode
- Programmable fan mode
- User selectable service monitors
- Multi-level keypad lockout
- Indoor or outdoor remote sensing
- Adjustable temperature limits
- Separate user and installer reset buttons
- Residential and commercial modes
- Trilingual packaging and instructions
- Free color contractor branding on quick reference instruction card

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Auto Changeover	Remote Sensor Capable
5310	Touchscreen Programmable Thermostat	Universal, 1 Heat / 1 Cool Heat Pump or Conventional, Electric, Gas, Oil or Millivolt, 2 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp maximum load per terminal, 4 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	Rc, Rh, O/B, Y1, W1, G, C, S1, S2	3.94" x 5.56" x 1.19" (10cm x 14.12cm x 3.02cm)	Blue	Yes	Yes



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5 Year
Limited
Warranty

H10

WALL THERMOSTATS



PREMIER UNIVERSAL PROGRAMMABLE THERMOSTATS

5220 Series

The Braeburn® 5220 Premier Series is a 7 Day, 5-2 Day or Non-Programmable Thermostat for conventional or heat pump systems up to 3 stages of heat and 2 stages of cool with a 5 square inch display, auto changeover and optional remote sensing.

Features and Benefits

- 7 Day, 5-2 Day of Non-Programmable
- Auto or manual changeover
- Speedbar® multi-function button
- Adjustable temperature limits
- Indoor or outdoor remote sensing
- SpeedSet® programming mode
- User selectable service monitors
- Hardwire or battery powered
- Multi-level keypad lockout
- Separate user and installer reset button
- Programmable and circulating fan modes
- Temporary override limits
- Residential and commercial modes
- Auxiliary heat fossil fuel option and adjustable balance points
- Trilingual packaging instructions
- Free color contractor branding on quick reference instruction card



5220

Braeburn®

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Auto Changeover	Remote Sensor Capable	Comments
5220	Programmable Thermostat	Universal, Up to 3 Heat / 2 Cool Heat Pump, Up to 2 Heat / 2 Cool Conventional, Electric, Gas, Oil or Millivolt, 2/3 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp maximum load per terminal, 5 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- .5°C)	G, Rc, Rh, W2, O/B/V3, Y1, Y2, W1/E/W3, C, L, S1, S2	3.86" x 5.11" x 1.42" (9.8cm x 12.97cm x 3.60cm)	Blue	Yes	Yes	Heat pump systems with up to two compressors and one auxiliary stage



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5 Year Limited Warranty

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WALL THERMOSTATS

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5020

PREMIER UNIVERSAL PROGRAMMABLE THERMOSTATS

5020 Series

The Braeburn® 5020 Premier Series is a 7 Day, 5-2 Day or Non-Programmable Thermostat for conventional or heat pump systems up to 2 stages of heat and 1 stage cool with a 5 square inch display, auto changeover and optional remote sensing.

Features and Benefits

- 7 Day, 5-2 Day or Non-Programmable
- Auto or manual changeover
- Speedbar® multi-function button
- Adjustable temperature limits
- Indoor or outdoor remote sensing
- Speedset® programming mode
- Use selectable service monitors
- Hardwire or battery powered
- Multi-level keypad lockout
- Separate user and installer reset buttons
- Programmable and circulating fan modes
- Temporary override limits
- Residential and commercial modes
- Auxiliary heat fossil fuel option and adjustable balance points
- Trilingual packaging and instructions
- Free color contractor branding on quick reference instruction card

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Auto Changeover	Remote Sensor Capable
5020	Programmable Thermostat	Universal, 2 Heat / 1 Cool Heat Pump or Conventional, Electric, Gas, Oil or Millivolt, 2/3 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp maximum load per terminal, 3 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	Rc, Rh, O/B/W3, Y1, W1, G, C, S1, S2	3.94" x 5.56" x 1.19" (10cm x 14.12cm x 3.02cm)	Blue	Yes	Yes



RHS
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5 Year
Limited
Warranty

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WALL THERMOSTATS



PREMIER NON-PROGRAMMABLE THERMOSTATS

3220 Series

The Braeburn® 3220 Premier Series is a Non-Programmable Thermostat for conventional or heat pump systems up to 3 stages of heat and 2 stages of cool with a 4 square inch display, auto changeover and optional remote sensing.

Features and Benefits

- Auto or manual changeover
- Speedbar® multi-function button
- Indoor or outdoor remote sensing
- User selectable service monitors
- Separate user and installer reset buttons
- Multi-level keypad lockout
- Adjustable temperature limits
- Hardwire or battery powered
- Circulating fan mode
- Set point adjustment limits
- Auxiliary heat fossil fuel option and adjustable balance points
- Trilingual packaging and instructions
- Free color contractor branding on quick reference instruction card



3220

Braeburn®

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Auto Changeover	Remote Sensor Capable	Comments
3220	Non-Programmable Thermostat	Up to 3 Heat / 2 Cool Heat Pump, Up to 2 Heat / 2 Cool Conventional, Electric, Gas, Oil or Millivolt, 2/3 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp maximum load per terminal, 3 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	G, Rc, Rh, W2, O/B/V3, Y1, Y2, W1/E/W3, C, L, S1, S2	3.86" x 5.11" x 1.42" (9.8cm x 12.97cm x 3.60cm)	Blue	Yes	Yes	Heat pump systems with up to 2 compressors and 1 auxiliary stage

ROHS
COMPLIANT

5 Year
Limited
Warranty

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WALL THERMOSTATS

Braeburn®



3020

PREMIER NON-PROGRAMMABLE THERMOSTATS

3020 Series

The Braeburn® 3020 Premier Series is a Non-Programmable Thermostat for single stage conventional or heat pump systems with a 4 square inch display, auto changeover and optional remote sensing.

Features and Benefits

- Auto or manual changeover
- Speedbar® multi-function button
- Indoor or outdoor remote sensing
- User selectable service monitors
- Separate use and installer reset buttons
- Multi-level keypad lockout
- Adjustable temperature limits
- Hardwire or battery powered
- Circulating fan mode
- Set point adjustment limits
- Auxiliary heat fossil fuel option and adjustable balance points
- Trilingual packaging and instructions
- Free color contractor branding on quick reference instruction card

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Auto Changeover	Remote Sensor Capable	Comments
3020	Non-Programmable Thermostat	2 Heat / 1 Cool Heat Pump or Conventional, Electric, Gas, Oil or Millivolt, 2/3 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp maximum load per terminal, 3 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	Rc, Rh, O/B/ V3, Y1, W1, G, C, S1, S2	3.86" x 5.11" x 1.42" (9.8cm x 12.97cm x 3.60cm)	Blue	Yes	Yes	Single stage conventional or single stage heat pumps with auxiliary heat

ROHS
COMPLIANT

5 Year
Limited
Warranty

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WALL THERMOSTATS



ECONOMY UNIVERSAL PROGRAMMABLE THERMOSTATS

2220 Series

The Braeburn® 2220 Economy Series is a 7 Day, 5-2 Day or Non-Programmable Thermostat for conventional or heat pump systems up to 2 stages of heating and 2 stages of cooling with a 3 square inch display and adjustable temperature limits.

Features and Benefits

- 7 Day, 5-2 Day or Non-Programmable
- Adjustable temperature limits
- Hardwire or battery powered
- Permanent memory retains settings
- Filter check monitor
- Adaptive Recovery Mode (ARM™)
- Low battery indicator
- ESD Guard™ electronic circuitry
- Compressor short cycle protection
- Temporary program override
- Programmable extended hold mode
- Front access reset button
- F° / C° switch
- Auxiliary heat indicator
- Trilingual packaging and instructions
- Free color contractor branding on quick reference instruction card



2220

Braeburn®

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Comments
2220	Programmable Thermostat	Universal, Up to 2 Heat / 1 Cool Heat Pump, Up to 2 Heat / 2 Cool Conventional, Electric, Gas, Oil or Millivolt, 2 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp maximum load per terminal, 4 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	Rh, Rc, Y1, Y2, G, W1/E, W2, O, B, C	3.70" x 5.16" x 1.38" (9.39cm x 13.10cm x 3.50cm)	Blue	Conventional systems up to 2H / 2C



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5 Year
Limited
Warranty

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WALL THERMOSTATS

Braeburn®



2020

ECONOMY UNIVERSAL PROGRAMMABLE THERMOSTATS

2020 Series

The Braeburn® 2020 Economy Series is a 7 Day, 5-2 Day or Non-Programmable Thermostat for single stage conventional or heat pump systems with a 3 square inch display and adjustable temperature limits.

Features and Benefits

- 7 Day, 5-2 Day or Non-Programmable
- Adjustable temperature limits
- Hardwire or battery powered
- Permanent memory retains settings
- Filter check monitor
- Adaptive Recovery Mode (ARM™)
- Low battery indicator
- ESD Guard™ electronic circuitry
- Compressor short cycle protection
- Temporary program override
- Programmable extended hold mode
- Front access reset button
- F° / C° switch
- Trilingual packaging and instructions
- Free color contractor branding on quick reference instruction card

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Comments
2020	Programmable Thermostat	Universal, 1 Heat / 1 Cool Heat Pump or Conventional, Electric, Gas, Oil or Millivolt, 2 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp maximum load per terminal, 3 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	Rh, Rc, Y1, G, W1, O, B, C	3.70" x 5.16" x 1.38" (9.39cm x 13.10cm x 3.50cm)	Blue	Single stage conventional or heat pump systems



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5 Year
Limited
Warranty

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WALL THERMOSTATS



ECONOMY NON-PROGRAMMABLE THERMOSTATS

1220 Series

The Braeburn® 1220 Economy Series is a Non-Programmable Thermostat for conventional or heat pump systems up to 2 stages of heating and 2 stages of cooling with a 3 square inch display and adjustable temperature limits.

Features and Benefits

- Adjustable temperature limits
- Hardwire or battery powered
- Permanent memory retains settings
- Compressor short cycle protection
- Adjustable temperature differential
- Separate O and B terminals
- Low battery indicator
- ESD Guard™ electronic circuitry
- Front access reset button
- F° / C° switch
- Gas / Electric fan switch
- Trilingual packaging and instructions
- Free color contractor branding on quick reference instruction card



1220

Braeburn®

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight
1220	Non-Programmable Thermostat	Up to 2 Heat / 1 Cool Heat Pump, Up to 2 Heat / 2 Cool Conventional, Electric, Gas, Oil or Millivolt, 2 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp maximum load per terminal, 4 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	Rh, Rc, O, B, C, Y1, Y2, E/W1, G, W2	3.70" x 5.16" x 1.38" (9.39cm x 13.10cm x 3.50cm)	Blue

ROHS
COMPLIANT

5 Year
Limited
Warranty

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WALL THERMOSTATS

Braeburn®



1020

ECONOMY NON-PROGRAMMABLE THERMOSTATS

1020 Series

The Braeburn® 1020 Economy Series is a Non-Programmable Thermostat for single stage conventional or heat pump systems with a 3 square inch display and adjustable temperature limits.

Features and Benefits

- Adjustable temperature limits
- Hardwire or battery powered
- Permanent memory retains settings
- Compressor short cycle protection
- Adjustable temperature differential
- Separate O and B terminals
- Low battery indicator
- ESD Guard™ electronic circuitry
- Front access reset button
- F° / C° Switch
- Gas / Electric fan switch
- Trilingual packaging and instructions
- Free color contractor branding on quick reference instruction card

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Comments
1020	Non-Programmable Thermostat	1 Heat / 1 Cool Heat Pump or Conventional, Electric, Gas, Oil or Millivolt, 2 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp maximum load per terminal, 4 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	Rh, Rc, Y1, G, W1, O, B, C	3.70" x 5.16" x 1.38" (9.39cm x 13.10cm x 3.50cm)	Blue	Single stage conventional or heat pump systems

RUHS
COMPLIANT

5 Year
Limited
Warranty

H18

WALL THERMOSTATS



BUILDER PROGRAMMABLE THERMOSTATS

2220NC Series

The Braeburn® 2220NC Builder Series is a 5-2 Day Programmable Thermostat for conventional or heat pump systems up to 2 stages of heating and 1 stage of cooling with a 2 square inch display and adjustable temperature limits.

Features and Benefits

- 5-2 Day Programming
- Adjustable temperature differential
- Hardwire or battery powered
- Permanent memory retains settings
- Filter check monitor
- Adaptive recovery mode (ARM™)
- Low battery indicator
- ESD Guard™ electronic circuitry
- Compressor short cycle protection
- Temporary program override
- Programmable extended hold mode
- Front access reset button
- F° / C° switch
- Auxiliary heat indicator
- Trilingual packaging and instructions
- Free color contractor branding on quick reference instruction card



2220NC

Braeburn®

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Comments
2220NC	Programmable Thermostat	2 Heat / 1 Cool Heat Pump or Conventional, Electric, Gas, Oil or Millivolt, 2 Wire Hydronic System	24V AC with battery back-up OR 3V DC battery powered, 1 Amp maximum load per terminal, 4 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	Rc, Rh, B, O, Y1, E/W1, G, C, W2	3.62" x 4.72" x 1.38" (9.19cm x 11.98cm x 3.50cm)	Blue	Single stage conventional or heat pump systems



ROHS
COMPLIANT

5 Year
Limited
Warranty

H19



WALL THERMOSTATS

Braeburn®



2020NC

BUILDER PROGRAMMABLE THERMOSTATS

2020NC Series

The Braeburn® 2020NC Builder Series is a 5-2 Day Programmable Thermostat for single stage conventional or heat pump systems with a 2 square inch display and adjustable temperature limits.

Features and Benefits

- 5-2 Day Programming
- Adjustable temperature limits
- Hardwire or battery powered
- Permanent memory retains settings
- Filter check monitor
- Adjustable temperature differential
- Adaptive Recovery Mode (ATM™)
- Low battery indicator
- ESD Guard™ electronic circuitry
- Compressor short cycle protection
- Temporary program override
- Front access reset button
- F° / C° Switch
- Trilingual packaging and instructions
- Free color contractor branding on quick reference instruction card

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Comments
2020NC	Programmable Thermostat	1 Heat / 1 Cool Heat Pump or Conventional, Electric, Gas, Oil or Millivolt, 2 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp maximum load per terminal, 4 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	Rc, Rh, O, B, Y1, W1, G, C	3.62" x 4.72" x 1.38" (9.19cm x 11.98cm x 3.50cm)	Blue	Single stage conventional or heat pump systems



ROHS
COMPLIANT

5 Year
Limited
Warranty

H20

WALL THERMOSTATS



BUILDER PROGRAMMABLE THERMOSTATS

2200NC Series

The Braeburn® 2200NC Builder Value Series is a 5-2 Day Programmable Thermostat for conventional or heat pump systems up to 2 stages of heating and 1 stage of cooling with a 1 square inch display and adjustable temperature limits.

Features and Benefits

- 5-2 Day Programming
- Adjustable temperature limits
- Hardwire or battery powered
- Permanent memory retains settings
- Compressor short cycle protection
- Adjustable temperature differentials
- Programmable extended hold mode
- Adaptive recovery mode (ARM™)
- Separate O and B terminals
- Auxiliary heat status
- Front access reset button
- Filter check monitor
- Low battery indicator
- F° / C° Switch
- Trilingual packaging and instructions
- Free color contractor branding on quick reference instruction card



2200NC

Braeburn®

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Comments
2200NC	Programmable Thermostat	2 Heat / 1 Cool Heat Pump or Conventional, Electric, Gas, Oil or Millivolt, 2 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 amp maximum load per terminal, 4 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	R, O, B, C, Y1, E/W1, G, W2	3.72" x 4.75" x 1.12" (9.44cm x 12.06cm x 2.84cm)	Blue	Conventional or heat pump systems with a 1 square inch display and adjustable temperature limits



RHS
COMPLIANT

2 Year
Limited
Warranty

H21



WALL THERMOSTATS

Braeburn®



2000NC

BUILDER PROGRAMMABLE THERMOSTATS

2000NC Series

The Braeburn® 2000NC Builder Value Series is a 5-2 Day Programmable Thermostat for single stage conventional or heat pump systems with a 1 square inch display and adjustable temperature limits.

Features and Benefits

- 5-2 Day Programming
- Adjustable temperature limits
- Hardwire or battery powered
- Permanent memory retains settings
- Compressor short cycle protection
- Adjustable temperature differential
- Programmable extended hold mode
- Adaptive recovery mode (ARM™)
- Separate O and B terminals
- Auxiliary heat status
- Front access reset button
- Filter check monitor
- Low battery indicator
- F° / C° Switch
- Trilingual packaging and instructions
- Free color contractor branding on quick reference instruction card

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight
2000NC	Programmable Thermostat	1 Heat / 1 Cool Heat Pump or Conventional, Electric, Gas, Oil or Millivolt, 2 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp max load per terminal, 3 Amps max load (all terminals combined)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- .5°C)	Rc, Rh, B, O, Y, W, G, C	3.72" x 4.75" x 1.12" (9.44cm x 12.06cm x 2.84cm)	Blue



RHS
COMPLIANT

2 Year
Limited
Warranty

H22

WALL THERMOSTATS



BUILDER NON-PROGRAMMABLE THERMOSTATS

1220NC Series

The Braeburn® 1220NC Economy Series is a Non-Programmable Thermostat for conventional or heat pump systems up to 2 stages of heating and 1 stage of cooling with a 2 square inch display and adjustable temperature limits.

Features and Benefits

- Hardwire or battery powered
- Permanent memory retains settings
- Compressor short cycle protection
- Separate O and B terminals
- Low battery indicator
- ESD Guard™ electronic circuitry
- Front access reset button
- F° / C° Switch
- Gas / Electric fan switch
- Adjustable Temperature Differential
- Trilingual packaging and instructions
- Free color contractor branding on quick reference instruction card



1220NC

Braeburn®

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Comments
1220NC	Non-Programmable Thermostat	2 Heat / 1 Cool Heat Pump or Conventional, Electric, Gas, Oil or Millivolt, 2 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp maximum load per terminal, 4 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	Rh, Rc, O, B, Y, E/W1, G, C, W2	3.62" x 4.72" x 1.38" (9.19cm x 11.98cm x 3.50cm)	Blue	Conventional systems up to 2H / 1C with a 2 square inch display and adjustable temperature limits

ROHS
COMPLIANT

5 Year
Limited
Warranty

H23



WALL THERMOSTATS

Braeburn®



1025NC

BUILDER NON-PROGRAMMABLE THERMOSTATS

1025NC Series

The Braeburn® 1025NC Builder Series is a Non-Programmable heat only thermostat with a 2 square inch display and adjustable temperature limits.

Features and Benefits

- Hardwire or battery powered
- Permanent memory retains settings
- Low battery indicator
- ESD Guard™ electronic circuitry
- Front access reset button
- F° / C° Switch
- Gas / Electric fan switch
- Adjustable Temperature Differential
- Trilingual packaging and instructions
- Free color contractor branding on quick reference instruction card

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Comments
1025NC	Non-Programmable Thermostat	1 Heat Only Conventional, Electric, Gas, Oil or Millivolt, 2/3 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp maximum load per terminal, 3 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	R, G, W1, V3, C	3.62" x 4.72" x 1.38" (9.19cm x 11.98cm x 3.50cm)	Blue	Conventional heat only systems with a 2 square inch display and adjustable temperature limits

RVHS
COMPLIANT

5 Year
Limited
Warranty

H24

WALL THERMOSTATS



BUILDER NON-PROGRAMMABLE THERMOSTATS

1020NC Series

The Braeburn® 1020NC Builder Series is a Non-Programmable Thermostat for single stage conventional or heat pump systems with a 2 square inch display and adjustable temperature limits.

Features and Benefits

- Hardwire or battery powered
- Permanent memory retains settings
- Compressor short cycle protection
- Separate O and B terminals
- Low battery indicator
- ESD Guard™ electronic circuitry
- Front access reset button
- F° / C° Switch
- Gas / Electric fan switch
- Adjustable Temperature Differential
- Trilingual packaging and instructions
- Free color contractor branding on quick reference instruction card



1020NC

Braeburn®

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Comments
1020NC	Non-Programmable Thermostat	1 Heat / 1 Cool Heat Pump or Conventional, Electric, Gas, Oil or Millivolt, 2 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp maximum load per terminal, 3 Amps total maximum load (all terminals)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	Rc, Rh, B, O, Y1, W1, G, C	3.62" x 4.72" x 1.38" (9.19cm x 11.98cm x 3.50cm)	Blue	Single stage conventional or heat pump systems with a 2 square inch display and adjustable temperature limits

ROHS
COMPLIANT

5 Year
Limited
Warranty

H25



WALL THERMOSTATS

Braeburn®



1200NC

BUILDER NON-PROGRAMMABLE THERMOSTATS

1200NC Series

The Braeburn® 1200NC Builder Value Series is a Non-Programmable Thermostat for conventional or heat pump systems up to 2 stages of heating and 1 stage of cooling with a 1 square inch display and adjustable temperature limits.

Features and Benefits

- Blue backlight display
- Adjustable temperature limits
- Hardwire or battery powered
- Permanent memory retains settings
- Compressor short cycle protection
- Separate O and B terminals
- Front access reset button
- Gas / Electric fan switch
- F° / C° Switch
- Trilingual packaging and instructions
- Free color contractor branding

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Comments
1200NC	Non-Programmable Thermostat	2 Heat / 1 Cool Heat Pump or Conventional, Electric, Gas, Oil or Millivolt, 2 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp max load per terminal, 3 Amps max load (all terminals combined)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	R, O, B, C, Y1, E/W1, G, W2	3.72" x 4.75" x 1.12" (9.44cm x 12.06cm x 2.84cm)	Blue	Heat pump systems with a single compressor and up to one auxiliary stage

RHS
COMPLIANT

2 Year
Limited
Warranty

H26

WALL THERMOSTATS



BUILDER NON-PROGRAMMABLE THERMOSTATS

1000NC Series

The Braeburn® 1000NC Builder Value Series is a Non-Programmable Thermostat for single stage conventional or heat pump systems with a 1 square inch display and adjustable temperature limits.

Features and Benefits

- Blue backlight display
- Adjustable temperature limits
- Hardwire or battery powered
- Permanent memory retains settings
- Compressor short cycle protection
- Separate O and B terminals
- Front access reset button
- Gas / Electric fan switch
- Low battery indicator
- F° / C° Switch
- Trilingual packaging and instructions
- Free color contractor branding



1000NC

Braeburn®

Specifications

Part Numbers	Description	Application	Electrical Rating	Temperature Range	Terminations	Size	Backlight	Comments
1000NC	Non-Programmable Thermostat	1 Heat / 1 Cool Heat Pump or Conventional, Electric, Gas, Oil or Millivolt, 2 Wire Hydronic Systems	24V AC with battery back-up OR 3V DC battery powered, 1 Amp max load per terminal, 3 Amps max load (all terminals combined)	45°F to 90°F (7°C to 32°C) +/- 1°F (+/- 0.5°C)	Rc, Rh, B, O, Y, W, G, C	3.72" x 4.75" x 1.12" (9.44cm x 12.06cm x 2.84cm)	Blue	Single stage conventional or heat pump systems with a 1 square inch display and adjustable temperature limits

ROHS
COMPLIANT

2 Year
Limited
Warranty

H27