The BT110D is an economical digital non-programmable thermostat that allows direct input of the desired heat and cool temperature set points directly on the large LCD display.

Additionally, set temperatures can be easily overridden. The 5 minute minimum off time in COOL protects the air conditioning system from being damaged.

Two AAA batteries are used to run the thermostat if common is not used.

The Best Technicians Choose BesTech™!
The BT211D is an economical digital non-programmable thermostat that allows direct input of the desired heat and cool temperature set points directly on the large LCD display.

Additionally, set temperatures can be easily overridden. The 5 minute minimum off time in COOL protects the air conditioning system from being damaged.

Two AAA batteries are used to run the thermostat if common is not used.

**FEATURES**
- Large Green Back Lit Display
- Compatible With All Heat Pump Systems
- Battery or System Powered
- Precise Comfort Control
- Automatic Compressor Short Cycle Protection
- Fahrenheit or Centigrade Compatible
- Low Battery Indicator

**REPLACES**
- ROBERTSHAW: 09520, 09420, 08420
- HONEYWELL: T8411, TH321, TH210
- WHITE ROGERS: 1F79, 1F83
- ICM: SC2200, SC2210
- BRAEBURN: 3200
- LUX: PSDH121

**PRODUCT SPECS**
- **TEMPERATURE SETPOINT**
  - Heating: 40° to 90° F (4.5° C to 37° C)
  - Cooling Range: 50° F to 99° F (10° C to 37° C)
  - Resolution: 1° F (0.5° C)
- **TEMP DISPLAY**
  - Range: 32° F to 99° F (0° C to 37° C)
  - Resolution: 1° F (0.5° C)
- **OPERATING TEMP**
  - 32° F to 122° F (0° C to 50° C)
- **SHIPPING TEMP**
  - -40° to 130° F (-40° C to 55° C)
- **OPERATING RELATIVE HUMIDITY**
  - 5% to 90% (non-condensing)
- **PHYSICAL DIMENSIONS**
  - 3.7” H x 4.7” W x 1” D (94mm H x 120mm W x 25mm D)
- **Power**
  - 24VAC or 2 AAA Batteries
- **MAXIMUM LOAD**
  - 1A @24VAC per output

**TECHNICAL SPECS**

Heat pump with auxiliary heating (2H1C)

- Power supply. Provide disconnect means and overload protection as required.
- Set the O/B jumper according to the type of reversing valve.
- Optional 24 VAC common connection. If this connection is not made, use batteries to power the thermostat.

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The BT11NP is a digital non-programmable thermostat that provides an economical temperature control solution in a contemporary small package. The bright blue backlight allows easy viewing, especially under low light conditions.

**FEATURES**
- Dual Powered - Hardwired or Battery
- Bright Blue Display Backlight
- Adjustable Temperature Limits
- Non-Volatile Memory Retains User Settings
- Easy Access Front Battery Door
- Separate O & B Terminals
- Separate Heating & Cooling Set Point Temperatures
- Three Level Low Battery Indication
- Front Access Reset Button
- °F / °C Switch
- Gas / Electric Fan Switch
- Compressor Short Cycle Protection

**PRODUCT SPECS**

**DIMENSIONS**
- 3.72" x 4.75" x 1.12"

**ELECTRIC RATING**
- 24 Volt AC (18-30 Volt AC)
- 1 amp maximum load per terminal
- 2 amp total maximum load (all terminals)

**AC POWER**
- 18-30 Volt AC

**DC POWER**
- 3.0 Volts DC
- 2 AA Alkaline batteries included

**COMPATIBILITY**
- Single stage gas, oil or electric systems
- Single stage heat pump systems
- 250mv - 750mv millivolt heating systems

**CONTROL RANGE**
- 45° TO 90° F (7° TO 32° C)

**DISPLAY RANGE**
- 40° TO 99° F (4° TO 37° C)

**ACCURACY**
- +/− 1° F (+/− .5° C)

**TEMPERATURE DIFFERENTIAL**
- .5°, 1° or 2° (25°, 5° or 11° C)

**OPERATING HUMIDITY**
- 5% TO 95% Relative Humidity

**TERMINATION**
- Rc, Rh, B, G, Y, W, G, C

**TECHNICAL SPECS**

![Diagram of thermostat connections]

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