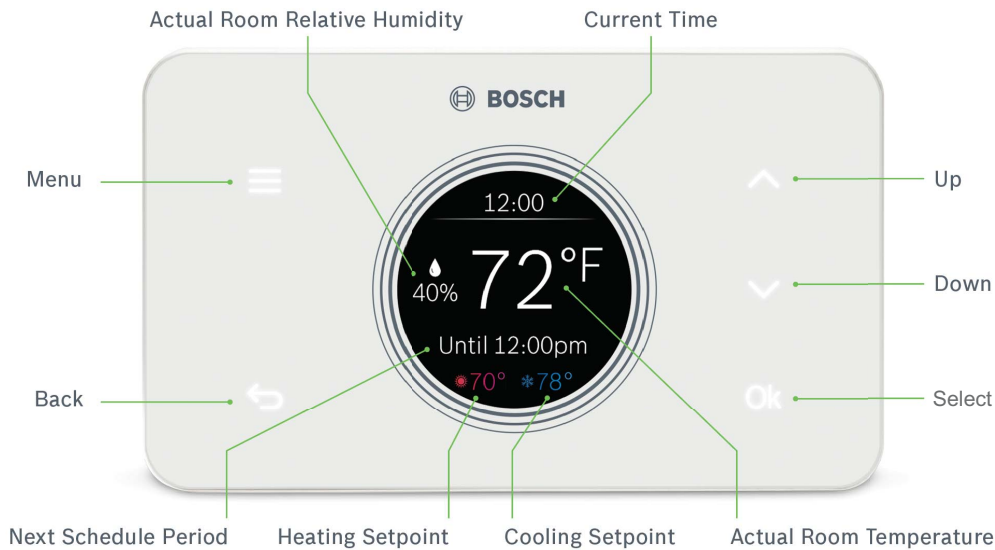




Overview



Specifications & Compatibility

Product Specifications

- ▶ 2.8" Non-Touch LCD Screen (240 x 320)
- ▶ 5 Back-lit Touch Buttons
- ▶ 6 Relay Terminals: G, Y, Y2, W/E/AUX, O/B/W2, H/DH
- ▶ Wi-Fi 802.11b/g/n @ 2.4GHz
- ▶ FCC and IC Certification
- ▶ 3 Year Limited Warranty
(see website: www.bosch-climate.us/bcc50 for details)

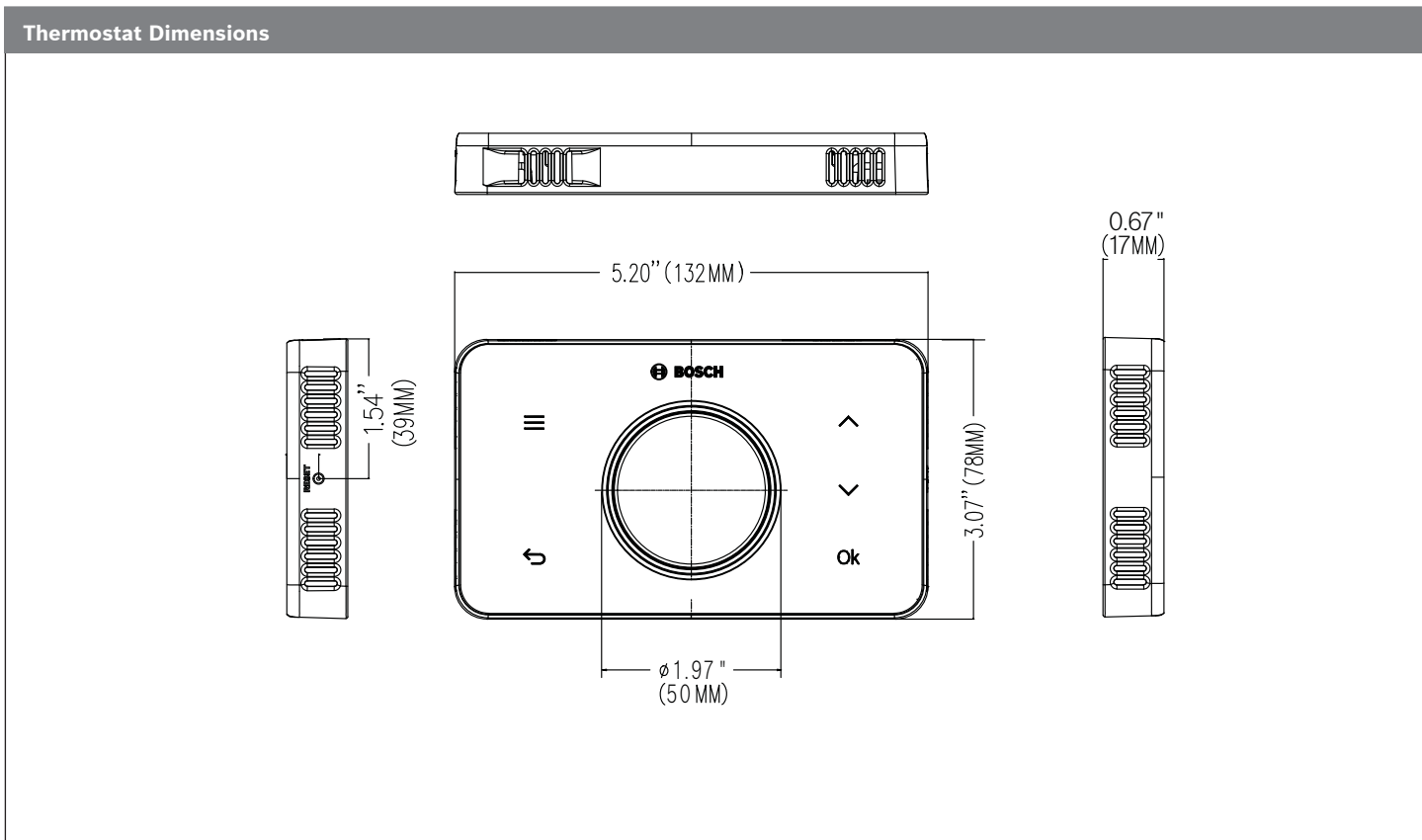
Product Compatibility

- ▶ Conventional (Gas, Oil, Electric):
Up to 2 Heat / 2 Cool
- ▶ Heat Pump (O/B/W2 to energize reversing valve in cool/heat): Up to 3 Heat / 2 Cool
- ▶ Supports up to 1 Accessory Unit: Humidifier or Dehumidifier (not provided by Bosch)
- ▶ Unit Modes: Heat, Cool, Auto, Em Heat (Heat Pump & Dual Fuel only), Off
- ▶ Fan Modes: Auto, On, Circulate
- ▶ Supports 2 Transformer Systems (Rh and Rc)
- ▶ C-Wire Required for Installation
- ▶ Supports Active and Passive Dehumidification without the need for external relays, such as Bosch Water Source Heat Pump products equipped with a Hot Gas Reheat Coil and/or ECM motor

Models and Part Numbers				
Description	Part Number	Heat	Cool	Humidify / Dehumidify*
Bosch Connected Control BCC50 Wi-Fi Thermostat	8-733-952-994	3	2	Yes

Physical Data	
Description	Value
Electrical Rating:	24 VAC (18-30 VAC), 1 amp maximum per output terminal, 6 amp maximum total load
DC Power:	5 VDC (USB)
AC Power:	18 - 30 VAC
Temperature Control Range:	45°F to 99°F (7°C to 37°C) Accuracy: ±1°F (±0.5°C)
Anti-short Cycle	1 min - 5 min (3 min default)
Backlight Operations:	Brightness: Low, Medium, High(default) Screen Timeout: 20 sec, 60 sec (default), 180 sec Enable Idle Mode to leave the screen on at all times
Humidity Control Display Range:	0% - 100% RH +/- 5%
Humidity Control Setpoint Range:	30% - 90% RH

* Humidifier and dehumidifier accessories are not provided by Bosch.



Wall Plate Dimensions & Terminal Designations

