



## PRKR1034: THERMOSTAT UI MENUS

### Rest\_

- Date/Time
- Indoor Temperature of Master Thermostat

### Home\_

#### Buttons

- Date/Time
- Indoor Temperature of Master Thermostat
  - Zone 1
    - Indoor Temperature
    - Indoor Humidity
  - Zone 2
    - Indoor Temperature
    - Indoor Humidity
  - Zone 3
    - 
    - 
    - etc.
- Outdoor Temperature
  - Outdoor Humidity
  - Five Day Forecast
- Up Arrow Touch Screen Button
- Down Arrow Touch Screen Button
- Hold
  - Hold temperature (different depending on current system: heat/cool/auto, Auto requires 2 set points for heat and cool)
    - Temporary
      - Hold temperature until
        - Set time
    - Vacation
      - Returning home in
        - Set number of days

#### Toggles

- System
  - Heating
    - Auxiliary Heat
    - Emergency Heat
      - Heat pump with electric heat:
        - System in control
        - Heat pump only
        - Electric heat only
      - Hybrid heat (heat pump with gas or oil furnace)
        - Hybrid heat (system control)
        - Furnace only
        - Heat pump only
  - Cooling
  - Auto
  - Off

- Fan Mode
  - On
    - Low
    - Medium
    - High
  - Auto
  - Circulation

**Indicators**

- Cool On
- Heat On
- Auxiliary Heat On
- Emergency Heat On
- Auto On
- Screen Locked
- Heat Set Point
- Cool Set Point
- Wait (Compressor protection activated)
- Following Schedule Indicator
- Screen Clean Mode
- Period of Schedule
- Maintenance Indicator (Pop-up Message)
  - Routine maintenance recommended
    - Dismiss notice
  - System malfunction
    - Dismiss notice

**Settings\_**

**System Settings**

- Set/reset accessory usage indicator
  - Clean air filter – EAC
    - Remind later
    - Dismiss notice
  - Clean/replace air filter
    - Remind later
    - Dismiss notice
  - Clean ventilator filter
    - Remind later
    - Dismiss notice
  - Change humidity pad
    - Remind later
    - Dismiss notice
  - Replace UV lamps
    - Remind later
    - Dismiss notice
- Cooling / Heating Limits
  - Cooling limit
    - Set temperature limit
  - Heating limit
    - Set temperature limit
- Equipment Setup
  - Heating and/or cooling
    - Heat pump
    - 2-stage heat pump
    - Air conditioning
    - No compressor
  - Furnace
    - Furnace off (no furnace)
    - Electric furnace
    - Emergency electrical furnace
    - Gas furnace
    - Oil furnace
    - 2-stage gas furnace
  - Short cycle
- Check System Status
  - Equipment
  - Accessory
    - Air filter
    - Humidity pad
    - UV lamps
- Compressor protection
  - On
  - Off
- Southern away dehumidification
  - On
  - Off
- Humidification / Dehumidification settings
  - Humidification control
    - Frost control
    - Desired humidity
  - Dehumidification control
    - Auto/Off

- Desired humidity
- Ventilation control
  - Auto/On/Off
  - Set ventilation duration
- Restore default energy star schedule
  - Restore EnergyStar schedule
- Residual cooling
  - Set up to 180 seconds
- Balance points (appears only when 1<sup>st</sup> stage is heat pump)
  - Low set point
  - High set point
- Weather Shutdown settings
  - Warm weather shut down
    - On/off
    - Set temperature
      - Wake
      - Occupied
      - Unoccupied
      - Sleep
  - Cold weather shut down
    - On/off
    - Set temperature
      - Wake
      - Occupied
      - Unoccupied
      - Sleep
- Comfort settings
  - 1<sup>st</sup> stage differential
    - Set number of degrees
  - 2<sup>nd</sup> state differential
    - Set number of degrees
  - 2<sup>nd</sup> stage delay
    - Set timed delay (5-20mins)
  - 3<sup>rd</sup> stage differential
    - Set number of degrees
  - Sensor
    - Local
    - Remote
    - Average
  - Dead band
    - Set dead band range
  - Efficient recovery (EER™)
    - Yes/no
- Adaptive Intelligent Recovery Settings
  - On
  - Off

**User Preferences**

- Set Date/time
  - Set current time
  - Set date
  - Set clock format
  - Set date format
  - Set Auto DST
    - On/Off
- Clean Screen
- Display Settings
  - Brightness
    - Idle brightness
    - Active brightness
  - Contrast
  - Show set temperatures
    - Yes/no
  - Language
    - English
    - Spanish
    - French
  - Temperature offset
    - +/- 3°F or +/-1.5°C
  - Resolution
    - Whole degrees
    - Half degrees
    - Tenth degrees
  - Backlight duration
    - 15 seconds
    - 20 seconds
    - 30 seconds
    - 60 seconds
    - Always On
  - Color Theme
    - Cool
    - Warm
    - User
    - Grayscale
  - Temperature format
    - Fahrenheit
    - Celsius
- Name Zones
- Motion Sensor
  - On
  - Off
- Remote sensor settings (for home screen)
  - Display local (Outside)
  - Display remote
    - Zone 1
    - Zone 2
    - etc
  - Display average
  - Display floor
  - Display coil
  - Display duct

- Energy Watch
  - Current energy usage
  - Cost to date
  - Total energy usage to date
  - Carbon footprint information
- Thermostat Information
  - Contact information
  - Thermostat model number
  - Software version
  - Manufacturer phone number
  - Local HVAC service company contact

### **Security**

- Security
  - On/off
  - Lock code
- Screen lock
- User security
  - Allow temperature adjustment only
    - Yes/no
  - Allow fan control only
    - Yes/no
  - Allow temperature and fan control
    - Yes/no
  - Lockout all settings
    - Yes/no
  - Security
    - On/off
    - Lock code

### **Scheduling\_**

#### **Buttons**

- Set Default (Energy Star) Settings
  - Reset
- Unoccupied Function & Settings
  - Set temperature, max/min
  - Humidity level
  - Fan speed
- Vacation Function & Settings
  - Set temperature, max/min
  - Humidity level
  - Fan speed
  - Hold temperature until
    - Time
    - Days
- Scenes
  - Scene 1
  - Scene 2
  - Scene 3
  - Etc.

- Set Scenes
  - Program scenes (schedule event, wake, leave, return, sleep, unoccupied, away)
- Schedule (7 days) (Initial programming starts Scheduling Wizard)
  - Monday - Sunday
    - Wake
      - Set time
      - Set heat temperature
      - Set cool temperature
      - Set fan
      - Sensor
        - Local
        - Remote
        - Average
    - Day (Leave)
      - Set time
      - Set heat temperature
      - Set cool temperature
      - Set fan
      - Sensor
        - Local
        - Remote
        - Average
    - Evening (Return)
      - Set time
      - Set heat temperature
      - Set cool temperature
      - Set fan
      - Sensor
        - Local
        - Remote
        - Average
    - Sleep
      - Set time
      - Set heat temperature
      - Set cool temperature
      - Set fan
      - Sensor
        - Local
        - Remote
        - Average
        - Average
- Copy days
- Copy zones



**Reference Thermostat Models\_**

- AMX: ENV-VST-C
- LuxPRO: PSP722E
- LuxPRO: PSP711TS
- Climatouch: CT3TSB
- Climatouch: CT3TSHB
- Honeywell: VisionPRO IAQ
- Aprilaire: Model 8570
- Trane: TCONT800 Series Touch Screen
- Tekmar: Thermostat 545
- TotalTouch: P286-1300
- Carrier: Infinity
- White Rodgers: 90 Series Blue Universal Thermostat w/Automatic Heat/Cool Changeover Option
- Robertshaw: 9701i2
- Robertshaw: 9725i1