

Wi7 Wi-Fi® THERMOSTAT



Product Training Content **INSTALLER SETTINGS MANUAL**



Made in the USA of domestic
& foreign components



FAST Parts - International Comfort Products

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Wi7 Wi-Fi® Thermostat

SYSTEM SETTINGS

SYSTEM SETTING DEFAULTS

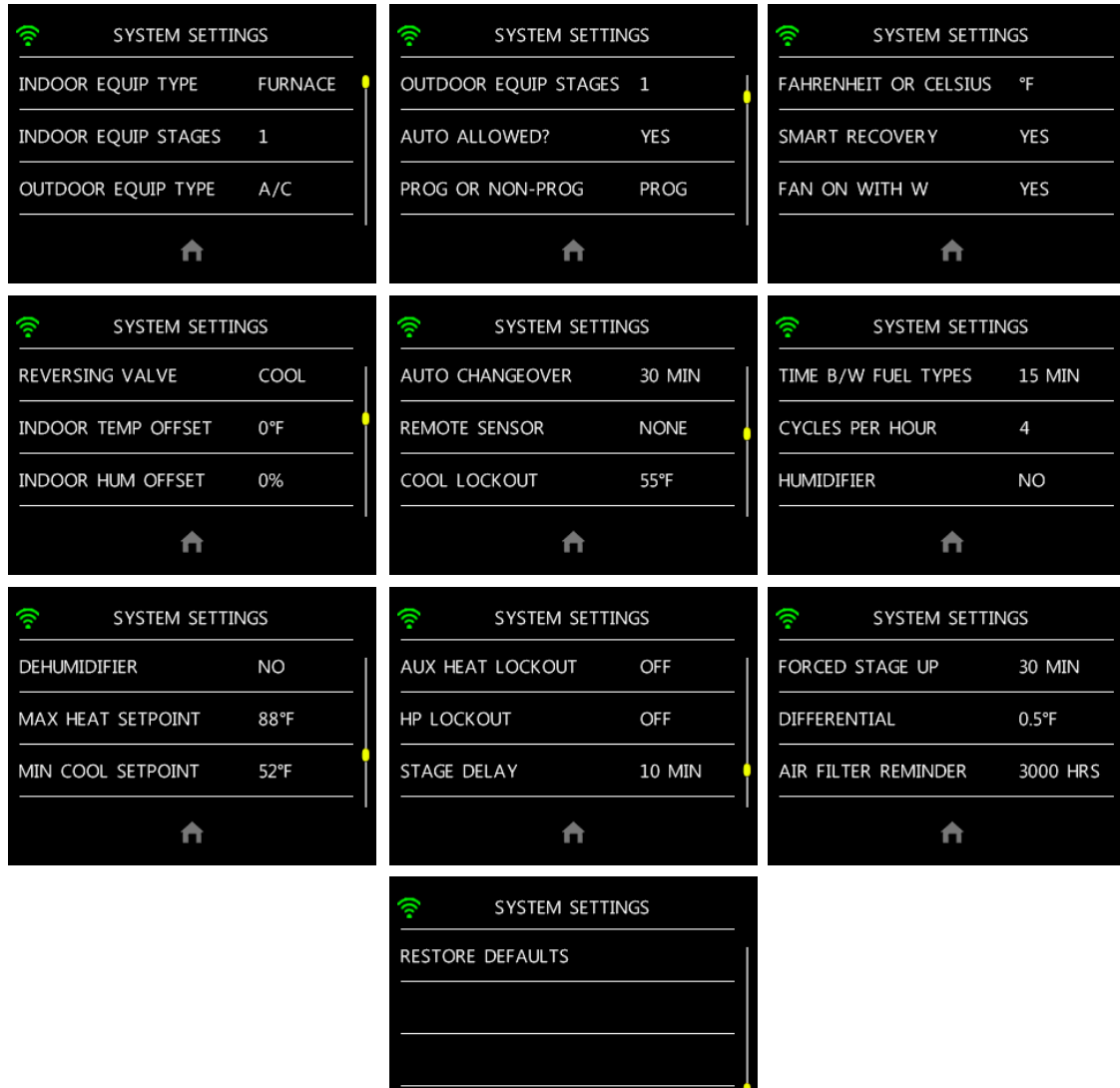
| SYSTEM SETTINGS | DEFAULT |
|-----------------------|-----------------|
| Indoor Equip Type | FURNACE |
| Indoor Equip Stages | 1 |
| Outdoor Equip Type | A/C |
| Outdoor Equip Stages | 1 |
| Auto Allowed? | YES |
| Prog or Non-Prog | PROG |
| Fahrenheit or Celsius | °F |
| Smart Recovery | YES |
| Fan On with W | YES |
| Reversing Valve | COOL |
| Indoor Temp Offset | 0°F |
| Indoor HUM Offset | 0% |
| Auto Changeover | 30 MIN |
| Remote Sensor | NONE |
| Cool Lockout | 55°F |
| Time B/W Fuel Types | 15 MIN |
| Cycles per Hour | 4 |
| Humidifier | NO |
| Dehumidifier | NO |
| Max Heat Setpoint | 88°F |
| Min Cool Setpoint | 52°F |
| Aux Heat Lockout | OFF |
| HP Lockout | OFF |
| Stage Delay | 10 MIN |
| Forced Stage Up | 30 MIN |
| Differential | 0.5°F |
| Air Filter Reminder | 3000 HRSFURNACE |

INITIATE INSTALLER SETTINGS



| DEFINITION | DEPENDENCIES | FUNCTION |
|---|--------------|--|
| To invoke the “System Settings Screen” the end user must first navigate to the “Mode Screen” and then ensure that the Mode is set to Off and then go to the “Fan Screen” and press and hold the Fan Button for 5-seconds. Once this sequence is completed, the “System Settings Screen” screen will be displayed allowing the end user (or installer) to make changes to advanced settings on the thermostat. | None | Once the “System Settings Screen” is displayed, the end user has the option to “Up Swipe” and “Down Swipe” to navigate through multiple advanced settings options for the thermostat. The yellow Row Indicator at the right side of these screens indicates the location of the list of advanced settings options and can also be pushed upward or pulled downward to navigate through the settings options. |

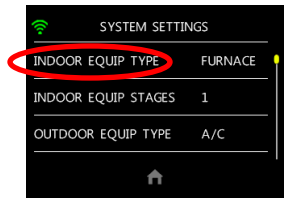
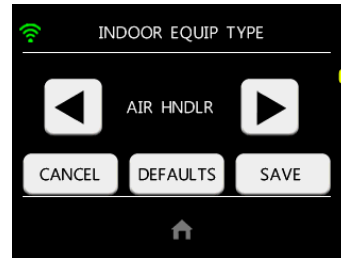
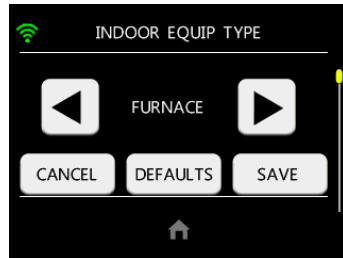
INSTALLER SETTING OPTIONS



Wi7 Wi-Fi® Thermostat

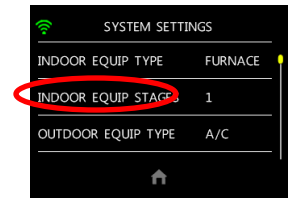
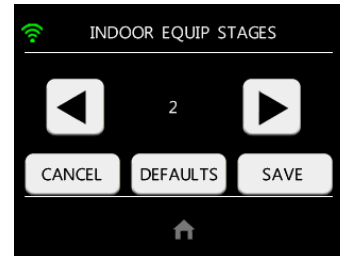
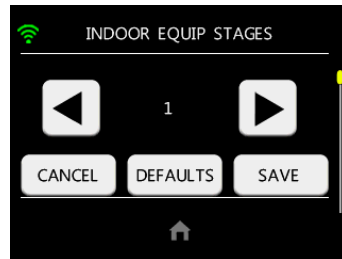
INSTALLER SETTINGS

SETTINGS – INDOOR EQUIPMENT TYPE



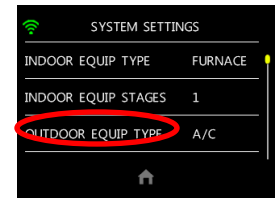
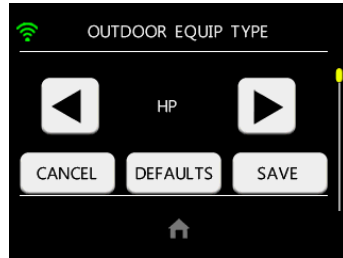
| DEFINITION | DEPENDENCIES | FUNCTION |
|---|--------------|--|
| <p>Pressing the <u>Indoor Equip Type</u> field in the “System Settings Screen” will invoke the “Indoor Equip Type Screen” which allows for selection of the type of indoor equipment being used. Options for the indoor equipment type include FURNACE and AIR HNDLR. Once the correct indoor equipment type is selected, pressing the <u>Save Button</u> will save the selection into non-volatile memory.</p> | <p>None</p> | <p>INDOOR EQUIPMENT — An indoor equipment type must be chosen so that an airflow source is available to the system operation. The two types of indoor equipment defined for operation are a FURNACE and an AIR HANDLER (sometimes also referred to as a FAN COIL). The indoor equipment is not required to have a heat source present, which is selectable with the Indoor Equipment Stages setting. If control of a PACKAGE UNIT is desired and the PACKAGE UNIT has a natural or propane heating source installed, the FURNACE option should be selected.</p> <p>If the INDOOR EQUIPMENT type of FURNACE is chosen and the OUTDOOR EQUIPMENT type of HP is chosen, then the defined DUAL FUEL thermostat operation will be used for heating.</p> |

SETTINGS – INDOOR EQUIPMENT STAGES



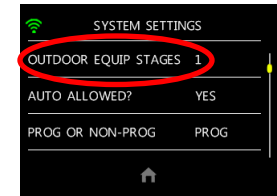
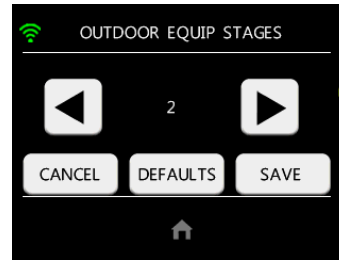
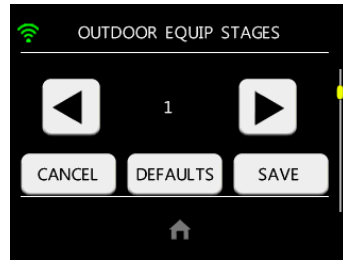
| DEFINITION | DEPENDENCIES | FUNCTION |
|---|--|--|
| <p>Pressing the <u>Indoor Equip Stages</u> field in the “System Settings Screen” will invoke the “Indoor Equip Stages Screen” which allows for selection of the number of stages for the indoor equipment being used from 0 to 2.</p> | <p>The option of “0” INDOOR EQUIPMENT STAGES is only available if the INDOOR EQUIPMENT TYPE of AIR HANDLER is selected</p> | <p>INDOOR EQUIPMENT STAGES — The numbers of stages chosen defines the number of gas heating stages or aux heating stages that are present in the indoor equipment.</p> |

SETTINGS – OUTDOOR EQUIPMENT TYPE



| DEFINITION | DEPENDENCIES | FUNCTION |
|--|---|--|
| <p>Pressing the <u>Outdoor Equip Type</u> field in the “System Settings Screen” will invoke the “Outdoor Equip Type Screen” which allows for selection of the type of outdoor equipment being used. Options for the outdoor equipment type include NONE, HP and A/C.</p> | <p>If NONE is chosen for the outdoor equipment, then no cooling will be available and the COOL MODE will be disabled on the “Mode Screen”. The OUTDOOR EQUIPMENT STAGES setting will also be forced to a value of “0” if NONE is selected for the outdoor equipment type. The COOL TO DEHUMIDIFY functionality would also be disabled if the NONE is chosen for the outdoor equipment type.</p> | <p>OUTDOOR EQUIPMENT — An outdoor equipment type is not required to be chosen and result in a selection of NONE. If the INDOOR EQUIPMENT type of FURNACE is chosen and the OUTDOOR EQUIPMENT type of HP is chosen, then the defined DUAL FUEL thermostat operation will be used for heating.</p> |

SETTINGS – OUTDOOR EQUIPMENT STAGES



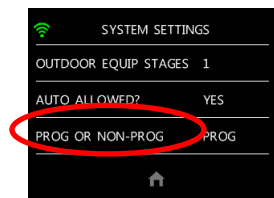
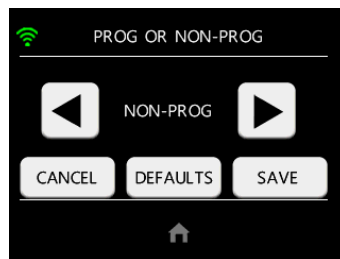
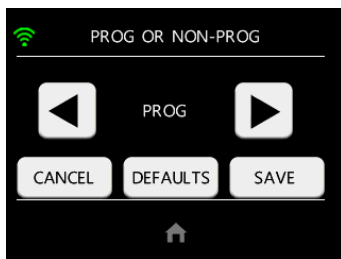
| DEFINITION | DEPENDENCIES | FUNCTION |
|--|--|--|
| <p>Pressing the <u>Outdoor Equip Stages</u> field in the “System Settings Screen” will invoke the “Outdoor Equip Stages Screen” which allows for selection of the number of stages for the outdoor equipment being used from 0 to 2. Pressing the <u>Left Arrow Button</u> or the <u>Right Arrow Button</u> will scroll through the available number of outdoor equipment stages, which is displayed in the center of the screen. Once the correct outdoor equipment stages are selected, pressing the <u>Save Button</u> will save the selection into non-volatile memory. Pressing the <u>Defaults Button</u> will load the default outdoor equipment stages of “1” (the user will still need to Save or Cancel this setting). Pressing the <u>Cancel Button</u> will navigate back to the “System Settings Screen”.</p> | <p>The option of “0” OUTDOOR EQUIPMENT STAGES is only available if the OUTDOOR EQUIPMENT TYPE of NONE is selected.</p> | <p>The numbers of stages chosen defines the number of HP or A/C cooling stages that are present in the outdoor equipment. The numbers of stages chosen also defines the number of HP heating stages that are present in the outdoor equipment if the OUTDOOR EQUIPMENT TYPE of HP is selected.</p> |

SETTINGS – AUTO ALLOWED?



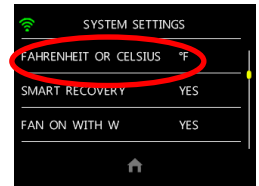
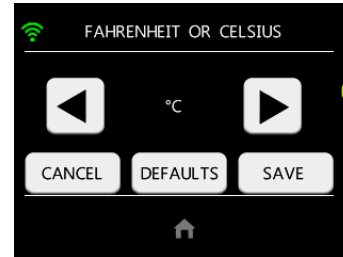
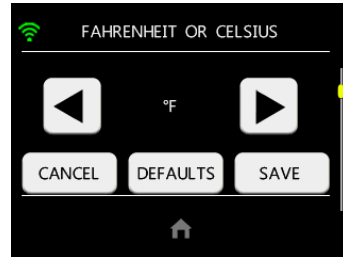
| DEFINITION | DEPENDENCIES | FUNCTION |
|---|--|--|
| <p>Pressing the <u>Auto Allowed?</u> field in the “System Settings Screen” will invoke the “Auto Allowed Screen” which enables or disables the <u>Auto Button</u> on the “Mode Screen”.</p> | <p>The AUTO ALLOWED feature is only available if both a heating source and a cooling source is available (a Cool Only or Heat Only system will not allow for AUTO mode).</p> | <p>The AUTO ALLOWED feature is used to enable and disable the ability of the AUTO MODE feature. AUTO MODE feature allows the thermostat to automatically switch from heating mode to cooling mode to maintain the conditioned temperature between the heating and cooling setpoints.</p> |

SETTINGS – PROG OR NON-PROG



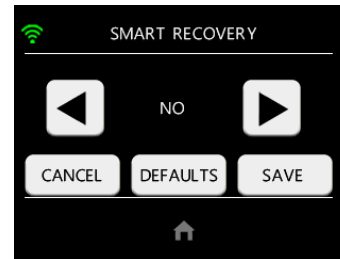
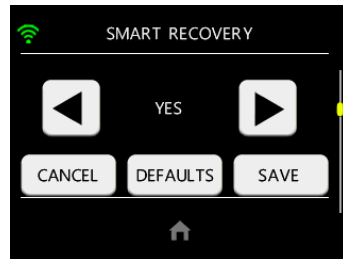
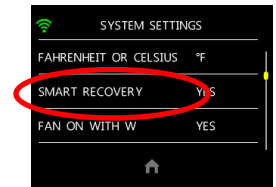
| DEFINITION | DEPENDENCIES | FUNCTION |
|---|---|--|
| <p>Pressing the <u>PROG</u> or <u>NON-PROG</u> field in the “System Settings Screen” will invoke the “PROG OR NON-PROG Screen” which allows the thermostat to operate as a non-programmable (simplified) thermostat or a programmable thermostat.</p> | <p>If the NON-PROG functionality is chosen then the PLAY/PAUSE button and associated text will not be available on the “Setpoint Screen”. If the NON-PROG functionality is chosen then the “Settings – Program Screen” will not be available.</p> | <p>Choosing the non-programmable mode for the thermostat allow the thermostat to run in a simplified mode that will satisfy heating or cooling setpoints based on the setpoint value and mode chosen. Operating the thermostat in a programmable mode allows the end user to setup heating and cooling setpoints for 4 periods of each day of the seven days of the week. The thermostat has default heating and cooling setpoints. Changing the heating and cooling setpoints and the transition times for the 4 periods with each day is achieved only through the APP developed specifically for the thermostat. The program heating and cooling setpoints and transition times for the 4 periods can be viewed in the “Settings – Program Screen” on the thermostat.</p> |

SETTINGS – FAHRENHEIT OR CELSIUS



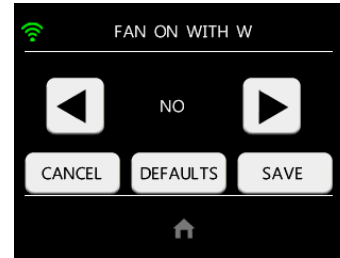
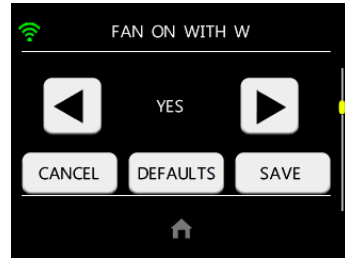
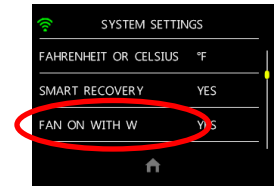
| DEFINITION | DEPENDENCIES | FUNCTION |
|--|--------------|--|
| Pressing the <u>Fahrenheit or Celsius</u> field in the “System Settings Screen” will invoke the “Fahrenheit or Celsius Screen” which allows the thermostat to use either the Fahrenheit or Celsius scale to display temperature and setpoints. | None | This feature allows the thermostat temperatures to be displayed using either the Fahrenheit scale or the Celsius scale |

SETTINGS – SMART RECOVERY



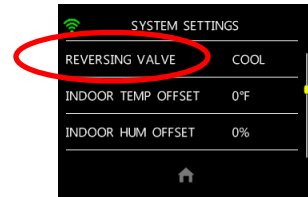
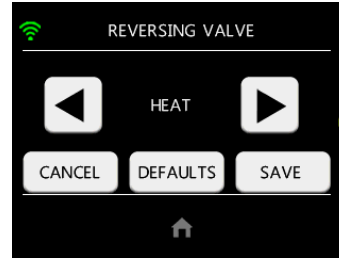
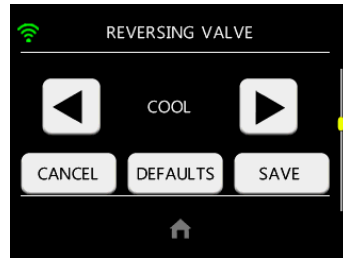
| DEFINITION | DEPENDENCIES | FUNCTION |
|--|--|--|
| Pressing the <u>Smart Recovery</u> field in the “System Settings Screen” will invoke the “Smart Recovery Screen” which enables or disables the smart recovery algorithm. | The SMART RECOVERY feature is only available if the thermostat is configured as a programmable thermostat. | The Smart Recovery feature transitions the conditioned space from one programmable temperature period to the next so that the conditioned space temperature matches the programmable temperature set point at the start of each programmable time period. This means, for example, that if the 4th period of the day temperature setting is lower than the 3rd period that precedes it, then the thermostat will start cooling down the space before the beginning of the scheduled 4th period of the day. |

SETTINGS – FAN ON WITH W



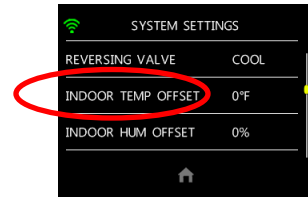
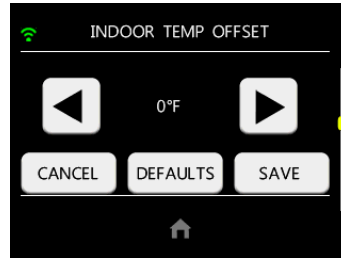
| DEFINITION | DEPENDENCIES | FUNCTION |
|--|--------------|--|
| Pressing the <u>F</u> an On with <u>W</u> field in the “System Settings Screen” will invoke the “Fan On with W Screen” which enables or disables the functionality to turn on the Fan (G output) with any W heating demand output. | None | The Fan On With W feature is used to supply a fan output demand as soon as a W1 or W2 output demand is active. |

SETTINGS – REVERSING VALVE



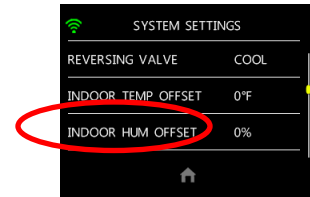
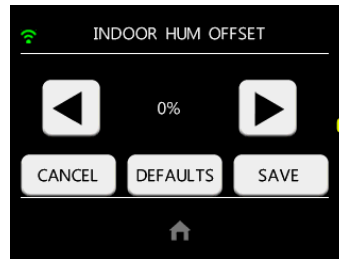
| DEFINITION | DEPENDENCIES | FUNCTION |
|--|---|---|
| <p>Pressing the <u>Reversing Valve</u> field in the “System Settings Screen” will invoke the “Reversing Valve Screen” which enables the reversing valve output (O/B) to either be activated for heat pump heating or heat pump cooling demand.</p> | <p>This functionality is only used in operational logic if a Heat-Pump is chosen as the Outdoor Equipment Type.</p> | <p>This functionality defines whether the ON state of the reversing valve is used for Heating or Cooling. When the ON state of the reversing valve is used for Cooling, the signal is typically referred to as a “O” demand. When the ON state of the reversing valve is used for Heating, the signal is typically referred to as a “B” demand.</p> |

SETTINGS – INDOOR TEMP OFFSET



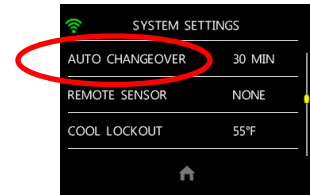
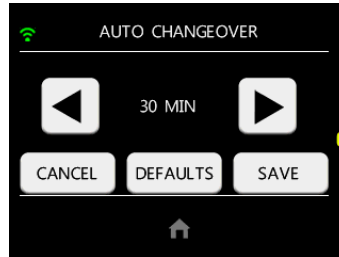
| DEFINITION | DEPENDENCIES | FUNCTION |
|--|--------------|--|
| Pressing the <u>Indoor Temp Offset</u> field in the “System Settings Screen” will invoke the “Indoor Temp Offset Screen” which will offset the displayed thermostat room temperature from -5° to +5°, adjustable in 1° increments. | None | This functionality offers the end user the convenience of matching the actual sensed temperature to a different perceived temperature or a different temperature measuring device. |

SETTINGS – INDOOR HUM OFFSET



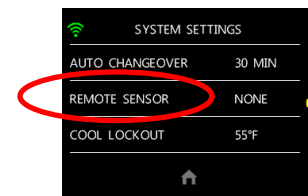
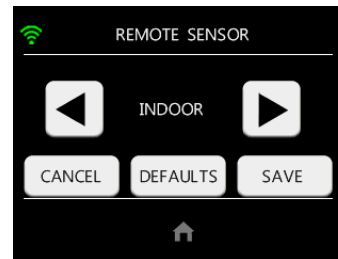
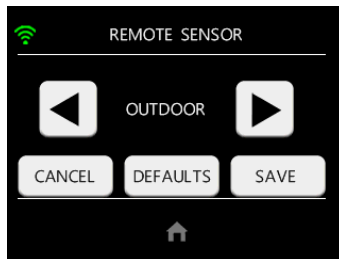
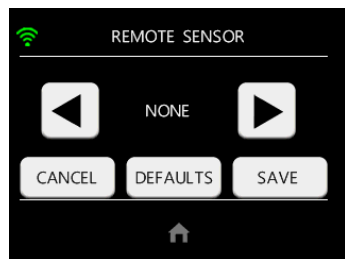
| DEFINITION | DEPENDENCIES | FUNCTION |
|--|--------------|---|
| Pressing the <u>Indoor HUM Offset</u> field in the “System Settings Screen” will invoke the “Indoor HUM Offset Screen” which will offset the displayed thermostat humidity reading from -5% to +5%, adjustable in 1% increments. | None | This functionality offers the end user the convenience of matching the actual sensed humidity to a different perceived humidity or a different humidity measuring device. |

SETTINGS – AUTO CHANGEOVER



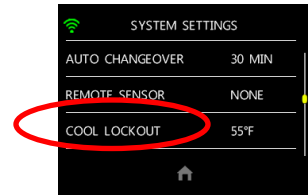
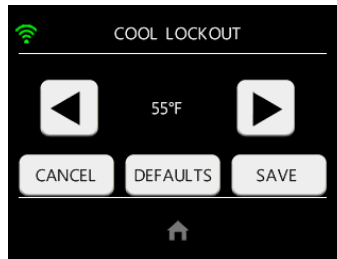
| DEFINITION | DEPENDENCIES | FUNCTION |
|--|--------------|---|
| <p>Pressing the <u>Auto Changeover</u> field in the “System Settings Screen” will invoke the “Auto Changeover Screen” which will allow a time choice from 5 minutes to 30 minutes for the auto changeover functionality, adjustable in 5 minute increments. Pressing the <u>Defaults Button</u> will load the default setting of “30 MIN” (the user will still need to Save or Cancel this setting). Pressing the <u>Cancel Button</u> will navigate back to the “System Settings Screen”.</p> | <p>None</p> | <p>This functionality sets up the minimum time between switching from heat-to-cool or from cool-to-heat demands when operating in Auto Mode. The timer begins when the Minimum OFF Timer expires.</p> |

SETTINGS – REMOTE SENSOR



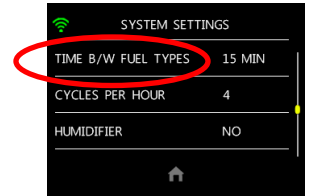
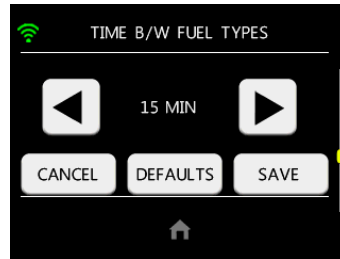
| DEFINITION | DEPENDENCIES | FUNCTION |
|--|--------------|---|
| Pressing the <u>Remote Sensor</u> field in the “System Settings Screen” will invoke the “Remote Sensor Screen” which enables the remote sensor connection to be used for the indoor temperature, the outdoor temperature, or not to be used. | None | This functionality determines whether the Remote Sensor hardware input (JP102) is not used (NONE), is used for the outdoor temperature sensing (OUTDOOR) or used for the indoor room temperature sensing (INDOOR). If the Remote Sensor is set to NONE or INDOOR, the outdoor temperature will be acquired via Wi-Fi through the server (based on the geolocation of the phone/tablet used to connect the thermostat to a router or based on the ISP location if a PC is used to connect the thermostat to a router). The outdoor temperature will not be available if the thermostat is not connected to Wi-Fi and the OUTDOOR option is not selected for the Remote Sensor. Note: A pigtail to wire the remote sensor is included in the package. |

SETTINGS – COOL LOCKOUT



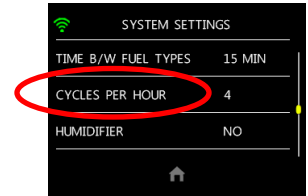
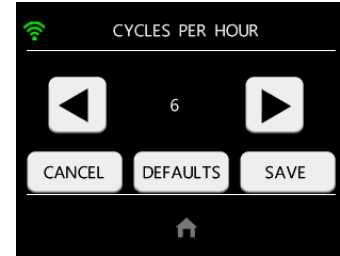
| DEFINITION | DEPENDENCIES | FUNCTION |
|--|---|---|
| Pressing the <u>Cool Lockout</u> field in the “System Settings Screen” will invoke the “Cool Lockout Screen” which will allow a temperature choice from OFF to 55°F to 80°F for the cool lockout functionality, adjustable in 5° increments. | If there is not a valid outdoor temperature available then this feature will be set to the OFF setting. | This functionality is used to hold off the cooling equipment demands if the outdoor air temperature is below the chosen value. A System Event warning will occur if the mode and indoor temperature dictate that there should be a cooling demand and the outdoor temperature value is holding off this demand. |

SETTINGS – TIME BETWEEN FUEL TYPES



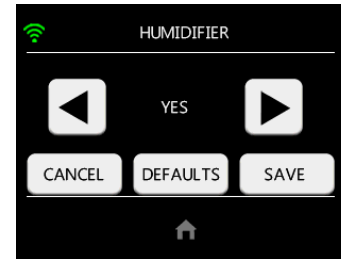
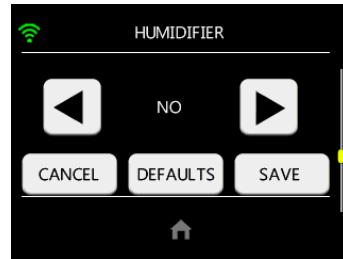
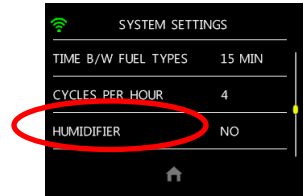
| DEFINITION | DEPENDENCIES | FUNCTION |
|---|--|---|
| Pressing the <u>Time Between Fuel Types</u> field in the “System Settings Screen” will invoke the “Time Between Fuel Types Screen” which will allow a time choice from 10 minutes to 25 minutes for the time between fuel choices functionality, adjustable in 5 minute increments. | If there are not multiple fuel types, this logic will not be used. | This functionality is used to set the minimum time limit between switching from one fuel type to another (other staging rules may also be in effect). |

SETTINGS – CYCLES PER HOUR



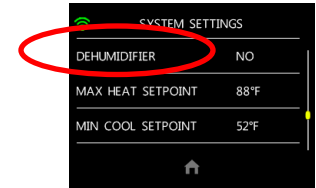
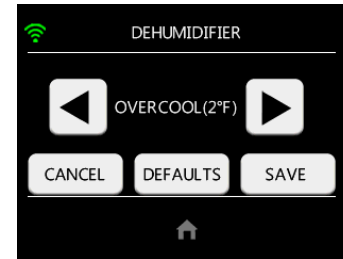
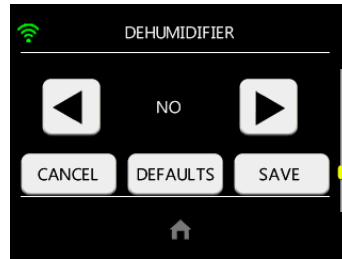
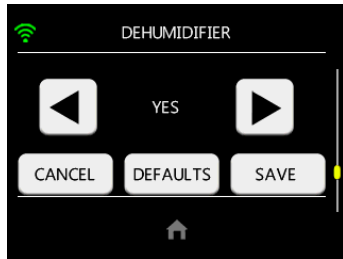
| DEFINITION | DEPENDENCIES | FUNCTION |
|--|--------------|--|
| Pressing the <u>Cycles per Hour</u> field in the “System Settings Screen” will invoke the “Cycles per Hour Screen” which will allow a numeric choice from 2 to 6 for the CYCLE TIMER functionality, adjustable in numerical increments of 2. | None | Based on the selection of 2, 4, or 6 cycles per hour, this timer is set to 30, 15 or 10 minutes. This time must elapse from the start of one cycle before another cycle can start. It serves to impose the cycles per hour limits. |

SETTINGS – HUMIDIFIER



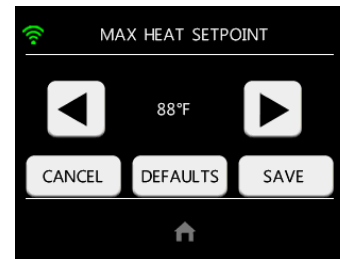
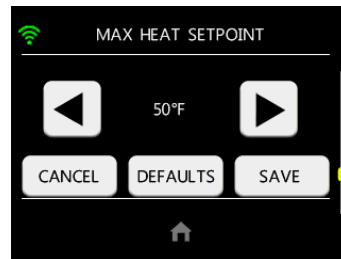
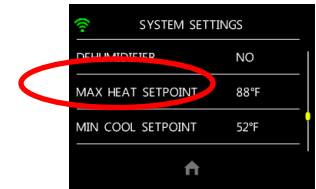
| DEFINITION | DEPENDENCIES | FUNCTION |
|--|--|---|
| Pressing the <u>Humidifier</u> field in the “System Settings Screen” will invoke the “Humidifier Screen” which enables or disables the HUMIDIFIER CONTROL functionality. | The HUMIDIFIER CONTROL functionality is not available if a HP is selected for the Outdoor Equipment type, because the O/B functionality (output) is shared with the humidifier output. This functionality is also not available if 3- Stages of Cooling is selected for the Outdoor Equipment stages, because the Y3 functionality (output) is also shared with the humidifier output. | In humidification operation, the humidifier will be on if there is humidity demand and any heating equipment is on. The output is a 24VAC output only (sourced from “R”) and must be isolated with a relay at the indoor equipment if 120VAC is needed to interface to a humidifier unit. |

SETTINGS – DEHUMIDIFIER



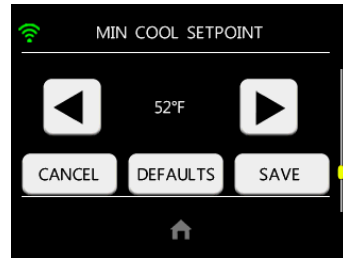
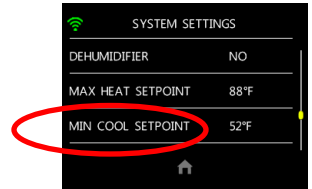
| DEFINITION | DEPENDENCIES | FUNCTION |
|---|---|---|
| Pressing the <u>Dehumidifier</u> field in the “System Settings Screen” will invoke the “Dehumidifier Screen” which enables or disables the COOL TO DEHUMIDIFY function. | Pressing the <u>Dehumidifier</u> field in the “System Settings Screen” will invoke the “Dehumidifier Screen” which enables or disables the COOL TO DEHUMIDIFY function. | The cool to dehumidify selection tells the system to operate the compressor, within limits, when there is a dehumidification demand even if there is no cooling demand. The limits are that the system may overcool up to 2°F, but no more, while attempting to satisfy a dehumidification demand. Within this 2°F range, there is an additional balance between overcooling and humidity satisfaction. |

SETTINGS – MAX HEAT SET POINT



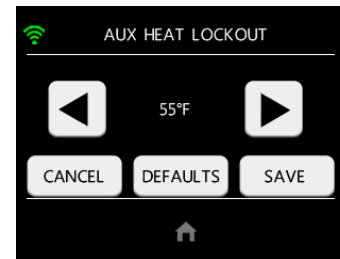
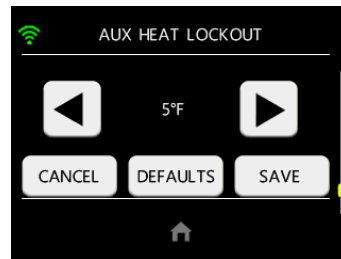
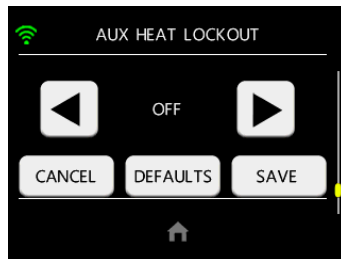
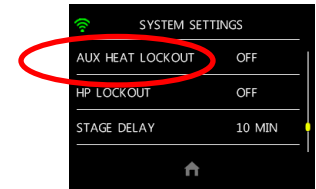
| DEFINITION | DEPENDENCIES | FUNCTION |
|---|--------------|--|
| Pressing the <u>Max Heat Setpoint</u> field in the “System Settings Screen” will invoke the “Max Heat Setpoint Screen” which will allow a temperature choice from 50°F to 88°F for the max heat setpoint functionality, adjustable in 1°F increments. | None | This feature is used to choose the maximum heating setpoint that is available on the Heat Setpoint Wheel and the maximum heating setpoint that can be used for the program schedule. |

SETTINGS – MIN COOL SET POINT



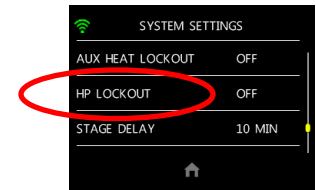
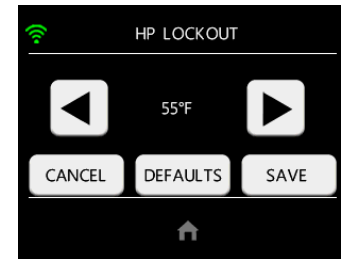
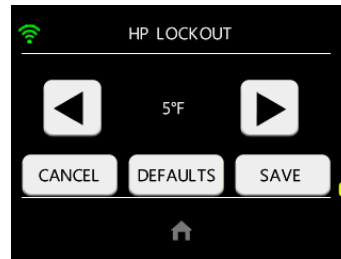
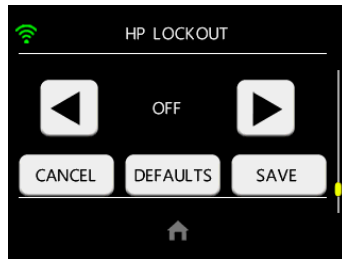
| DEFINITION | DEPENDENCIES | FUNCTION |
|---|--------------|--|
| Pressing the <u>Min Cool Setpoint</u> field in the “System Settings Screen” will invoke the “Min Cool Setpoint Screen” which will allow a temperature choice from 52°F to 90°F for the min cool setpoint functionality, adjustable in 1°F increments. | None | This feature is used to choose the minimum cooling setpoint that is available on the Cool Setpoint Wheel and the minimum cooling setpoint that can be used for the program schedule. |

SETTINGS – AUX HEAT LOCKOUT



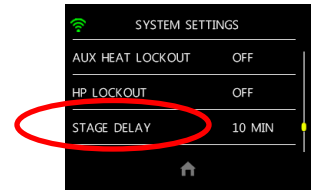
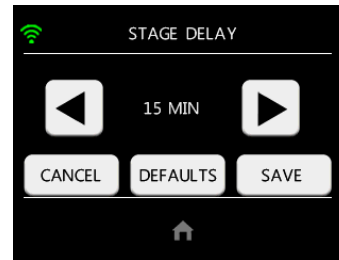
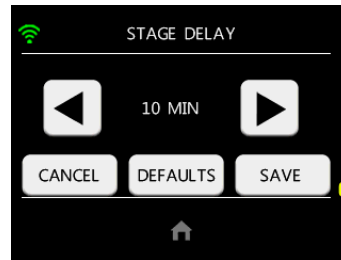
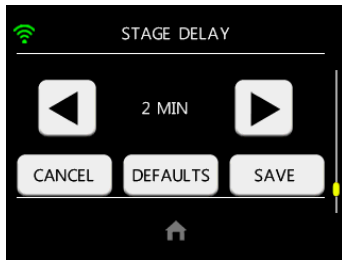
| DEFINITION | DEPENDENCIES | FUNCTION |
|---|--|--|
| <p>Pressing the <u>Aux Heat Lockout</u> field in the “System Settings Screen” will invoke the “Aux Heat Lockout Screen” which will allow a temperature choice from OFF to 5°F to 55°F for the aux heat lockout functionality, adjustable in 5°F increments.</p> | <p>The Aux Heat Lockout functionality is not available (and will be set to the OFF setting) with the Outdoor Equipment Type of NONE or AC selected, because the aux heat lockout functionality needs HP heating to operate. This functionality is also not available if a valid outdoor temperature is not available (resulting in a System Event notification).</p> | <p>If the auxiliary heat lock out temperature setting is not OFF and the outdoor air temperature is greater than auxiliary heat lock out temperature, then the Aux Heat (W1 & W2) outputs shall not turn on.</p> |

SETTINGS – HEAT PUMP LOCKOUT



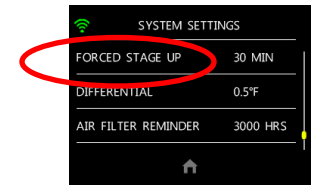
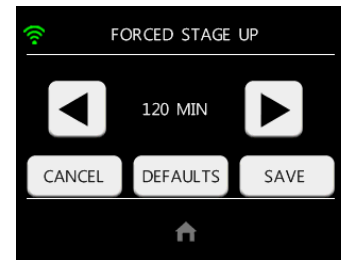
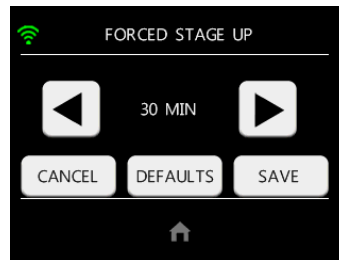
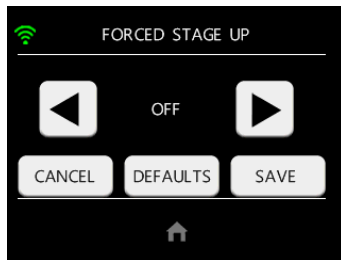
| DEFINITION | DEPENDENCIES | FUNCTION |
|---|---|---|
| <p>Pressing the <u>HP Lockout</u> field in the “System Settings Screen” will invoke the “HP Lockout Screen” which will allow a temperature choice from OFF to 5°F to 55°F for the aux heat lockout functionality, adjustable in 5°F increments.</p> | <p>The HP Lockout functionality is not available with the Outdoor Equipment Type of NONE or AC selected, because the aux heat lockout functionality needs HP heating to operate. This functionality is also not available if a valid outdoor temperature is not available (resulting in a System Event notification).</p> | <p>If a setting of OFF is selected, The heating equipment cycle shall always start with the heat pump regardless of the outdoor air temperature. If a lockout temperature is selected and the outdoor air temperature is less than the selected temperature, the heating cycle is started with the AUX Heat source. If the outdoor air temperature is equal to or greater than the selected temperature, the heating cycle is started with the heat pump. If the outdoor temperature is not available, all heating cycles shall start with compressor heat.</p> |

SETTINGS – STAGE DELAY



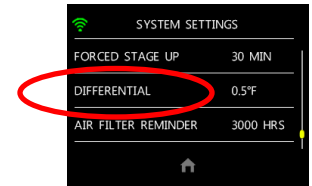
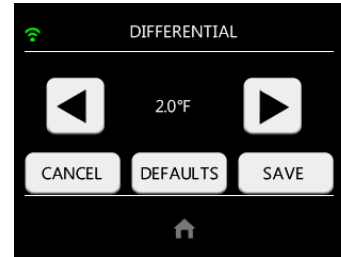
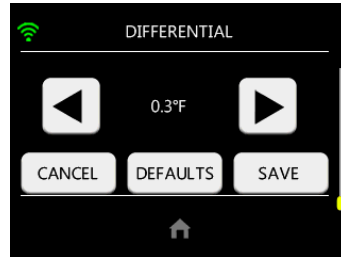
| DEFINITION | DEPENDENCIES | FUNCTION |
|---|---|--|
| <p>Pressing the <u>Stage Delay</u> field in the “System Settings Screen” will invoke the “Stage Delay Screen” which will allow a time choice from 2 minutes to 15 minutes for the stage delay functionality, adjustable in 1 minute increments.</p> | <p>Multiple heating stages or multiple cooling stages must exist for this feature to be used.</p> | <p>The minimum amount of time the current stage must be energized before staging up to the next stage of capacity. If the system demand is greater than three degrees then this configuration is ignored for the current heating or cooling cycle because the staging timers are canceled to allow full equipment capacity to meet the large demand.</p> |

SETTINGS – FORCED STAGE UP



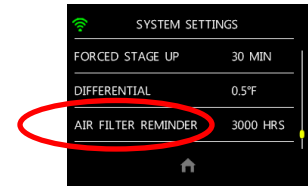
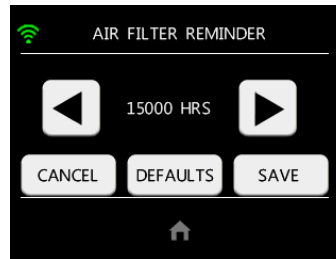
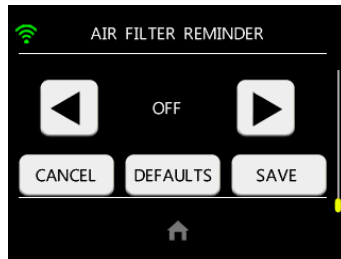
| DEFINITION | DEPENDENCIES | FUNCTION |
|---|---|--|
| <p>Pressing the <u>Forced Stage Up</u> field in the “System Settings Screen” will invoke the “Forced Stage Up Screen” which will allow a time choice from OFF to 10 minutes to 120 minutes for the forced stage up timer functionality, adjustable in 10 minute increments.</p> | <p>Multiple heating stages or multiple cooling stages must exist for this feature to be used.</p> | <p>If time in a current demanded stage reaches the forced stage up selected time, the thermostat will stage up to the next available stage of capacity (even if differential demand is not met).</p> |

SETTINGS – DIFFERENTIAL



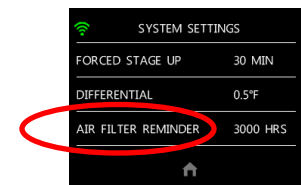
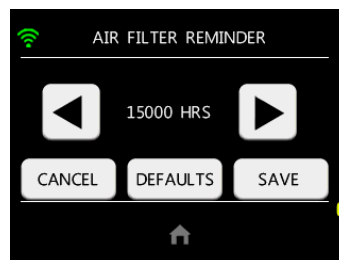
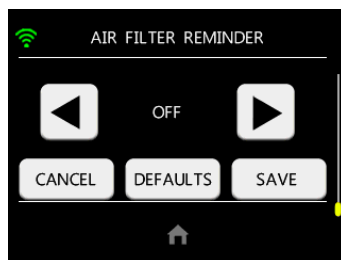
| DEFINITION | DEPENDENCIES | FUNCTION |
|--|--------------|---|
| Pressing the <u>Differential</u> field in the “System Settings Screen” will invoke the “Differential Screen” which will allow a temperature choice from 0.3°F to 2.0°F for the differential functionality, adjustable in 0.1°F increments. | None | This functionality specifies the required difference between the current room temperature and the setpoint before demand is initiated. This value is additive for each additional stage of equipment being demanded. (e.g. A chosen Differential value of 0.5°F requires 0.5 degree difference between setpoint and room temperature before first stage is turned on. Then a value of 1.0 degree of difference between setpoint and room temperature before second stage is turned on.) |

SETTINGS – AIR FILTER REMINDER



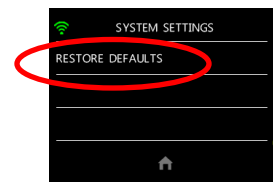
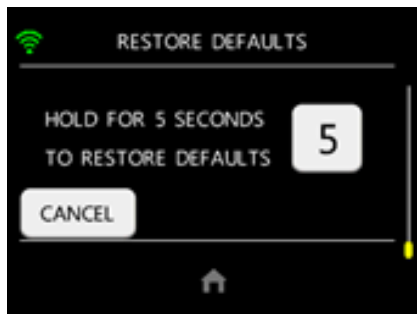
| DEFINITION | DEPENDENCIES | FUNCTION |
|--|--------------|---|
| Pressing the <u>Air Filter Reminder</u> field in the “System Settings Screen” will invoke the “Air Filter Reminder Screen” which will allow a setting for equipment runtime hours choice from OFF to 500 HRS to 15,000 HRS for the stage delay functionality, adjustable in 100 hour increments. | None | This functionality defines a chosen number of hours before a System Event will occur to remind the homeowner to change the indoor air filter. A System Event will not occur to remind the homeowner to change the indoor air filter if the OFF setting is selected. Decrements to the timer will happen each hour of total equipment runtime is accumulated. Minute counts within each hour are not stored in non-volatile memory, so a power reset will clear out the minutes within each hour of run time. The Filter Reset Reminder hour timer value is stored in non-volatile memory. |

SETTINGS – AIR FILTER REMINDER



| DEFINITION | DEPENDENCIES | FUNCTION |
|--|--------------|---|
| Pressing the <u>Air Filter Reminder</u> field in the “System Settings Screen” will invoke the “Air Filter Reminder Screen” which will allow a setting for equipment runtime hours choice from OFF to 500 HRS to 15,000 HRS for the stage delay functionality, adjustable in 100 hour increments. | None | This functionality defines a chosen number of hours before a System Event will occur to remind the homeowner to change the indoor air filter. A System Event will not occur to remind the homeowner to change the indoor air filter if the OFF setting is selected. Decrements to the timer will happen each hour of total equipment runtime is accumulated. Minute counts within each hour are not stored in non-volatile memory, so a power reset will clear out the minutes within each hour of run time. The Filter Reset Reminder hour timer value is stored in non-volatile memory. |

SYSTEM SETTING RESTORE DEFAULTS



| SCREEN SEGMENT | DEFINITION | FUNCTION |
|------------------|---|--|
| Restore Defaults | Restore Defaults Screen will allow the user to reset all system settings back to factory default values. Pressing and holding the <u>5 Button</u> will count down to initiate the restore defaults operation. After holding the button down for 5-seconds all system settings will be returned to factory default values. Pressing the <u>Cancel Button</u> will navigate back to the “System Settings Screen”. | This functionality is used to restore all Installer Setup – System Settings to their default values. |

| SYSTEM SETTINGS | DEFAULT |
|-----------------------|-----------------|
| Indoor Equip Type | FURNACE |
| Indoor Equip Stages | 1 |
| Outdoor Equip Type | A/C |
| Outdoor Equip Stages | 1 |
| Auto Allowed? | YES |
| Prog or Non-Prog | PROG |
| Fahrenheit or Celsius | °F |
| Smart Recovery | YES |
| Fan On with W | YES |
| Reversing Valve | COOL |
| Indoor Temp Offset | 0°F |
| Indoor HUM Offset | 0% |
| Auto Changeover | 30 MIN |
| Remote Sensor | NONE |
| Cool Lockout | 55°F |
| Time B/W Fuel Types | 15 MIN |
| Cycles per Hour | 4 |
| Humidifier | NO |
| Dehumidifier | NO |
| Max Heat Setpoint | 88°F |
| Min Cool Setpoint | 52°F |
| Aux Heat Lockout | OFF |
| HP Lockout | OFF |
| Stage Delay | 10 MIN |
| Forced Stage Up | 30 MIN |
| Differential | 0.5°F |
| Air Filter Reminder | 3000 HRSFURNACE |