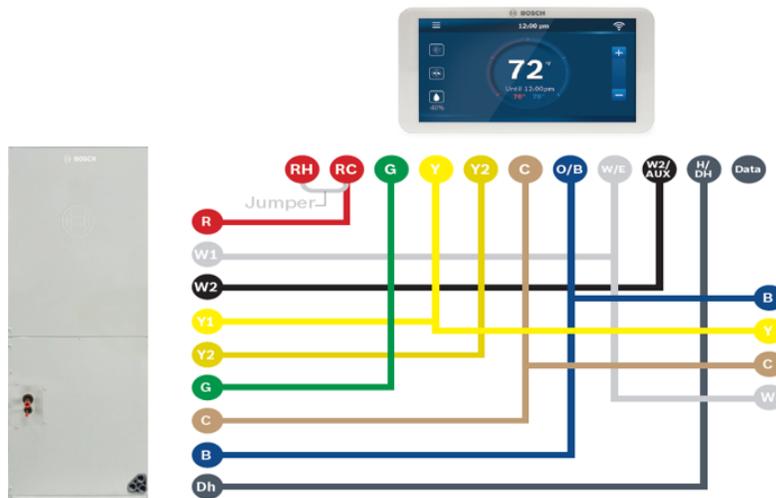


# Dehumidification - User Set-Up Guide

In this simple step-by-step guide, we will show you how to successfully set up a BCC110 for proper dehumidification of a Bosch IDS Inverter Heat Pump system. Before we do though, we must ensure the system is wired correctly from the thermostat to the air handler. The image below shows the correct wiring method. *NOTE: This applies to “Communicating” or ‘Non-Communicating” wiring methods as indicated in the IOM and must be a 2-stage Air Handler.*



1. Once the unit is powered up and thermostat screen is illuminated, proceed with initial setup and Unit configuration. Once you are in the unit configuration, then select Heat Pump for heat type and select “setup.’



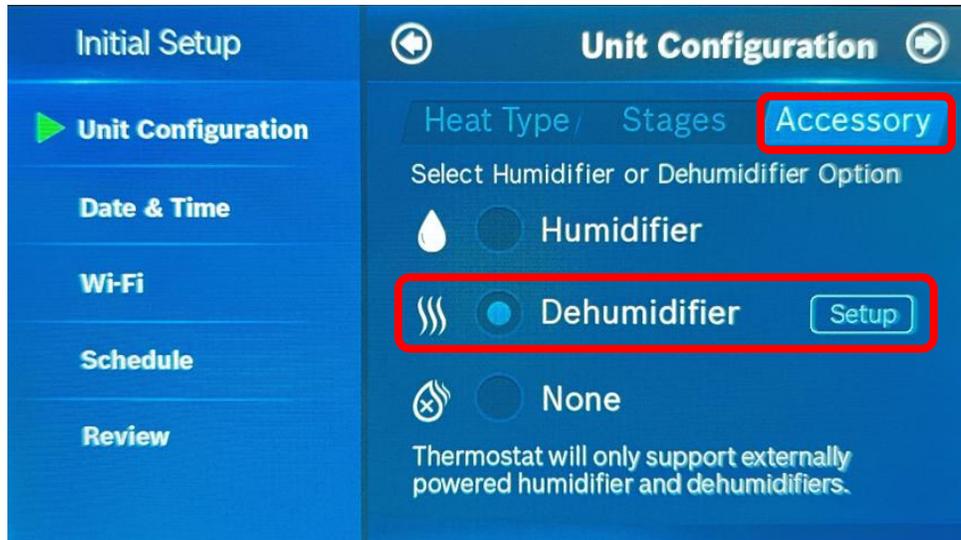
2. After selecting Heat Pump setup, you will first need to select reversing valve to energize in Heat instead of Cool, enable emergency heating only if strips are to be used in Em. mode, and enable Aux. heating if compressor cannot satisfy current heat set point. NOTE: heat pump stages are determined by type of air handler as to whether or not we have one or two fan speeds.



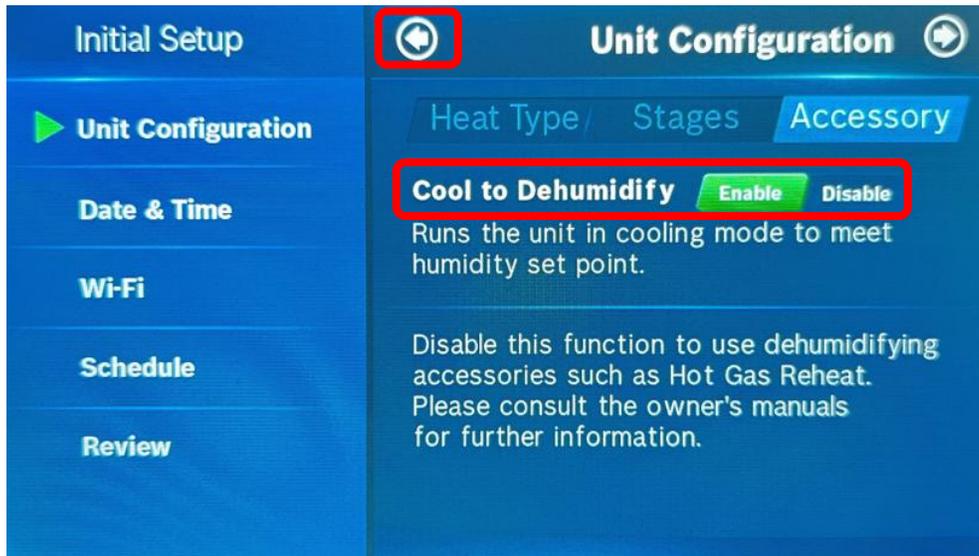
3. Once the heat type has been selected and changes made, proceed to the stages tab. In this menu, you will need to select the number of electric heat stages as well as heat pump stages you will want to use. NOTE: heat pump stages are determined by type of air handler as to whether or not we have one or two fan speeds only. This is not to be confused with stages in OD unit as this is an inverter compressor with one input.



- Once you are done with setting the appropriate stages, Select the accessory tab, and then click dehumidifier, and then go to setup.



- In set up, enable "cool to dehumidify" then exit out to main screen using the left-hand arrow.



6. Once setup and initial configuration is completed, you will need to push the menu button in the upper left-hand corner to access advanced settings.



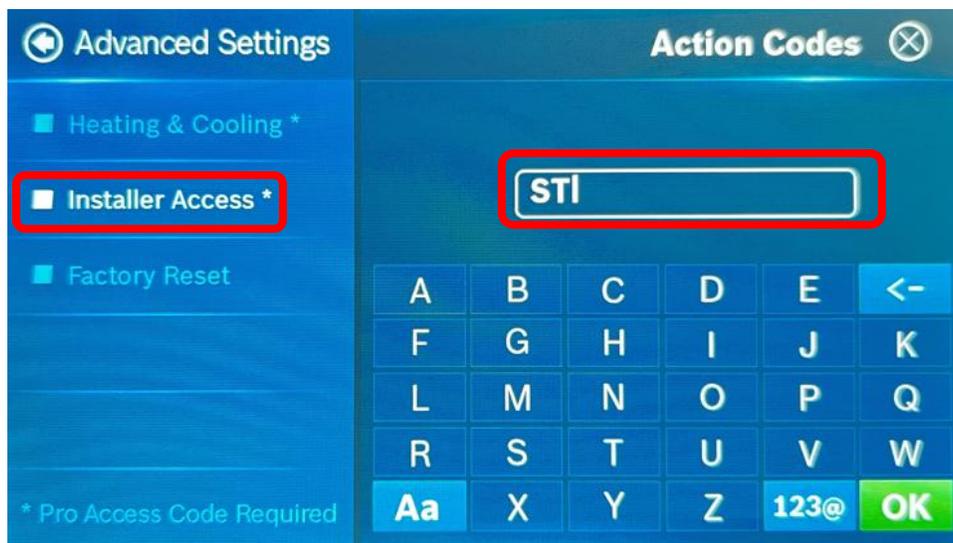
7. In this menu, select **advanced settings** at the bottom of the screen to access installer access.



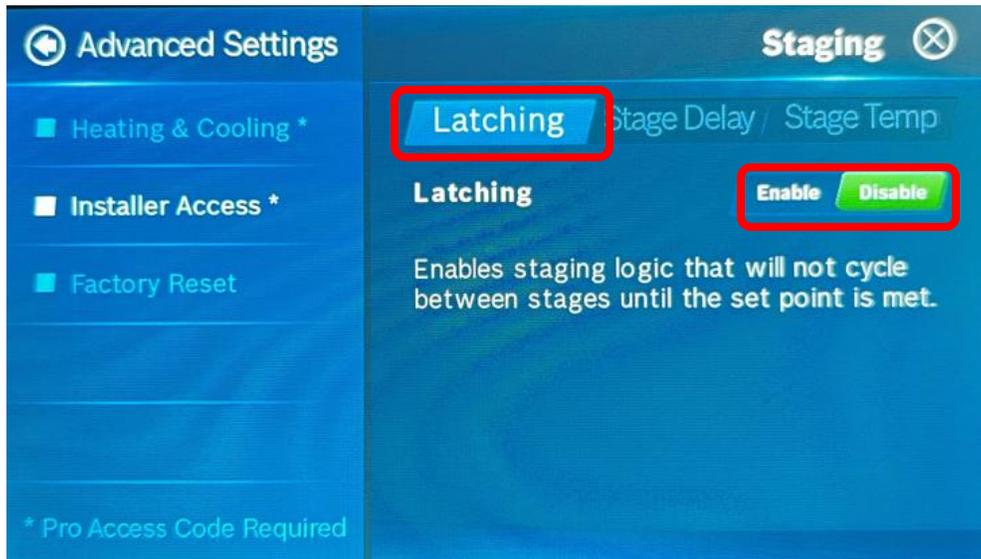
8. Once you select Installer access, type in the professional access code **1886** and select “OK” to enter the access code screen.



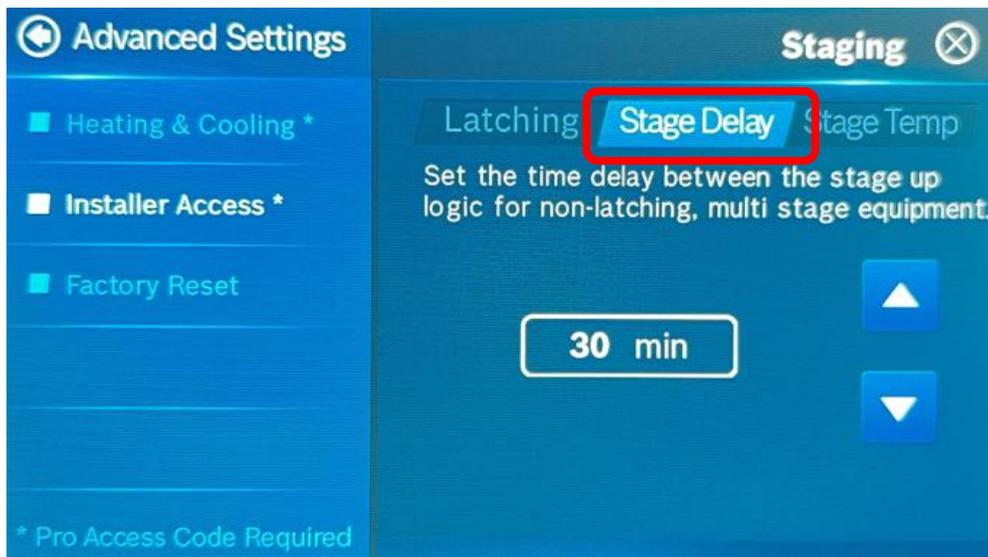
9. In the Action Codes screen, type in the action code “STI” to access staging and latching tabs as indicated in the BCC110 User Guide and then press “OK”



10. In the latching tab, leave latching in the “disabled” position.



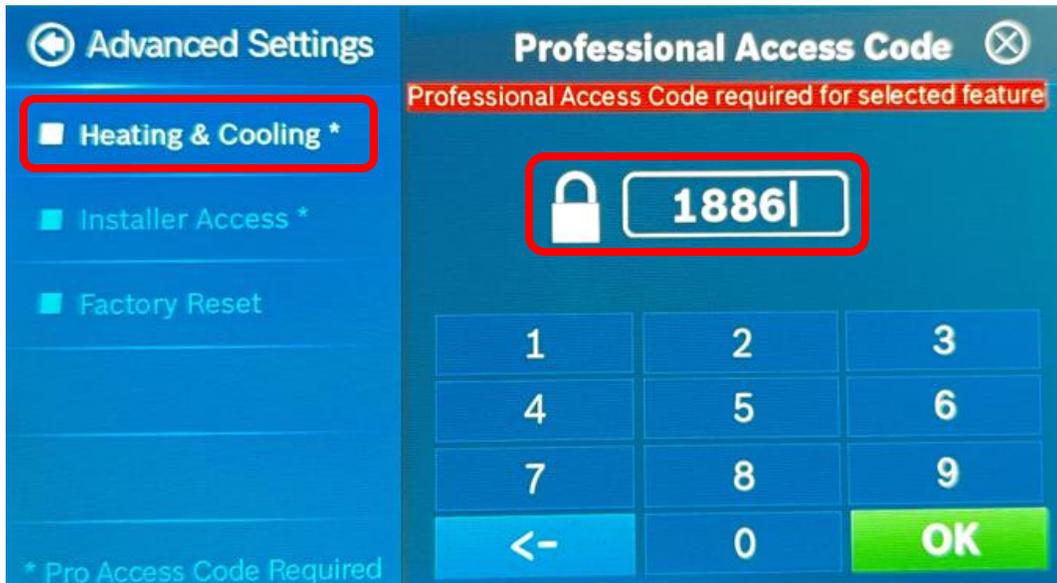
11. Now select the **Stage delay** and increase the delay from the factory default of 10 minutes to 30 minutes.



12. For the "Stage temp" tab, leave the setting set for 5\*



13. Once you are done with setting of the stages, then proceed to heating and cooling and enter 1886 again to access run time menu.



14. Once in the heating and cooling section, select Min run time and increase from factory default 600 seconds to 1800 seconds. **NOTE: it appears there is only 3 digits but is actually 4 digits.** In the Heating and Cooling menu, the rest of the options can remain as factory defaults. Once complete, use the upper left-hand arrow to exit and then select Menu get back to main screen.



15. On the main screen, select water droplet at lower left-hand corner to enable humidity control and select your desired humidity level set point in the accessory tab. Once complete, select the menu tab to exit all programming and return back to main screen for equipment activation.

