

American Standard Gold 824 Smart Control User Guide

American Standard
HEATING & AIR CONDITIONING

The Gold 824 is an easy-to-use, programmable control with a color touch-screen.

When connected with Nexia™ smart home, you can control your home's heating and cooling system and up to 230 separate Z-Wave devices from a smart phone, PC or tablet from virtually anywhere.

This guide will help you configure and connect your Gold 824 Smart Control quickly and easily.

Start using your new Gold 824 now! See "Start Here!" on page 3.



Congratulations!

Thank you for choosing the American Standard Gold 824 Smart Control. The intuitive interface and powerful features incorporated into the compact design of the color touch-screen control represent the latest in climate control technology from the industry's leader in residential HVAC systems.

This guide will introduce you to the unit's many features and get you started using your Gold 824 Smart Control right away.



Get Connected



The Gold 824 Smart Control can be accessed remotely with your smart device and it can serve as the central hub of an entire network of smart home devices. To fully enjoy these benefits your Gold 824 must be connected to the Nexia™ platform. Nexia provides an all-in-one cloud based app that allows you to access your Gold 824 anytime/anywhere connecting your smart devices through Z-Wave technology. See the full line of available features and functions at:

<http://www.nexiahome.com/>

For tutorials search: Gold 824.

Nexia™ smart home allows you to:

- Monitor and control your HVAC system using an internet-enabled smart phone, tablet or computer from anywhere in the world.
- Build a network of up to 230 Z-Wave enabled products on one account.
- View weather information including outdoor temperature, five-day forecasts, radar and weather alerts.
- Receive text and e-mail notifications that inform you of happenings in your home.
- Receive software updates automatically.

Up to four smart controls of any combination of the 1050, 850, Gold 824 and 624 are allowed on your Nexia™ smart home account for no additional cost. A monthly subscription charge may apply beyond this number of devices.

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Start Here!

The User Setup Wizard guides you through the Gold 824's User configurable settings.

To complete the Setup Wizard and connect the Gold 824 to Nexia™ smart home, you need:

- A high-speed connection to the Internet (wired or wireless)
- Your wireless (WiFi) network name and password
- An internet browser
- A valid e-mail address

Accessing the User Setup Wizard



To access the User Setup Wizard, press **MENU > SETTINGS > USER SETUP WIZARD.**

When the Setup Wizard is activated, the process cannot be cancelled. The Wizard will guide you through the following steps:

Screen Settings

- Adjust the Screen brightness, backlight, screen saver and color themes.

Schedule Settings

- Set the Gold 824 scheduling feature to enabled or disabled. When Scheduling is disabled, 1-Touch Presets are available.

Guided Scheduling (Scheduling Enabled)

- Automatically create schedules based on answers to a series of questions.

1-Touch Presets (Scheduling Disabled)

- Configure heating and cooling target temperatures for Home, Away and Sleep conditions. The Presets are selectable from the Home Screen.

Network Setup

- Select your wireless network and enter your password. If your wireless network is available but not shown in the list, select Hidden Network, and manually enter your network's name (SSID).

NOTE: If you are having difficulty enrolling the Gold 824 to your account, visit the troubleshooting section on www.nexiahome.com.

User Setup Wizard

[com/as](http://www.nexiahome.com) for help.

Nexia™ smart home Registration (requires Internet connection)

- Your Gold 824 control comes equipped with remote access and other features from Nexia™ smart home.

Weather (requires Nexia registration)

- Input the Zip Code of the location for appropriate weather information including five-day forecasts, radar display and weather alerts.

That's it! You can now begin enjoying the benefits of your new American Standard Gold 824 Smart Control!

NOTE: Wireless Setup is not required when the Gold 824 is hard-wired to your home network.

Navigating the Control

Home Screen - Simple View

Default Home Screen can be customized with several widgets. To learn more about this feature see the section in this user guide about customization.

Date and Time

Notifications and System Alerts appear here

Nexia and Network Status



Press to increase the set point

Heating and Cooling Set Points

Press to decrease the set point

Press to access the thermostat Menu

Press to change System Mode (Auto/ Heating/Cooling/ Off/Emergency Heat)

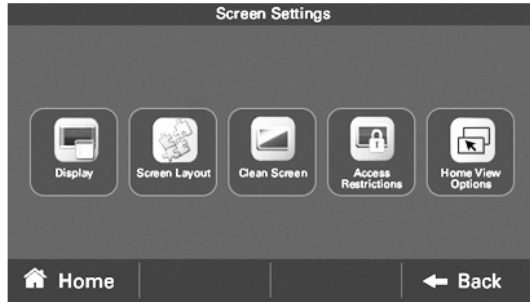
Press to change Fan Mode (Auto/On/ Circulate)

Press to change 1-Touch Presets (Off/Home/Away/Sleep)

Home Screen View

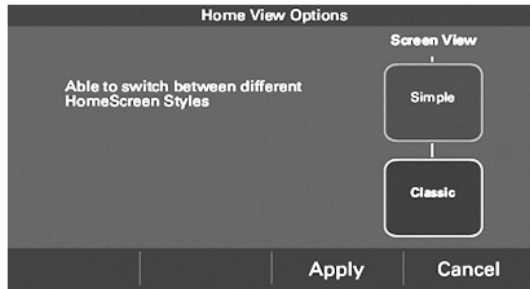
Homeowners may toggle between Home Screen Options by pressing: **Home Screen > Menu > Settings > Home View Options**. Select **Simple** View or **Classic** View.

NOTE: Simple View is the default view.



Simple View

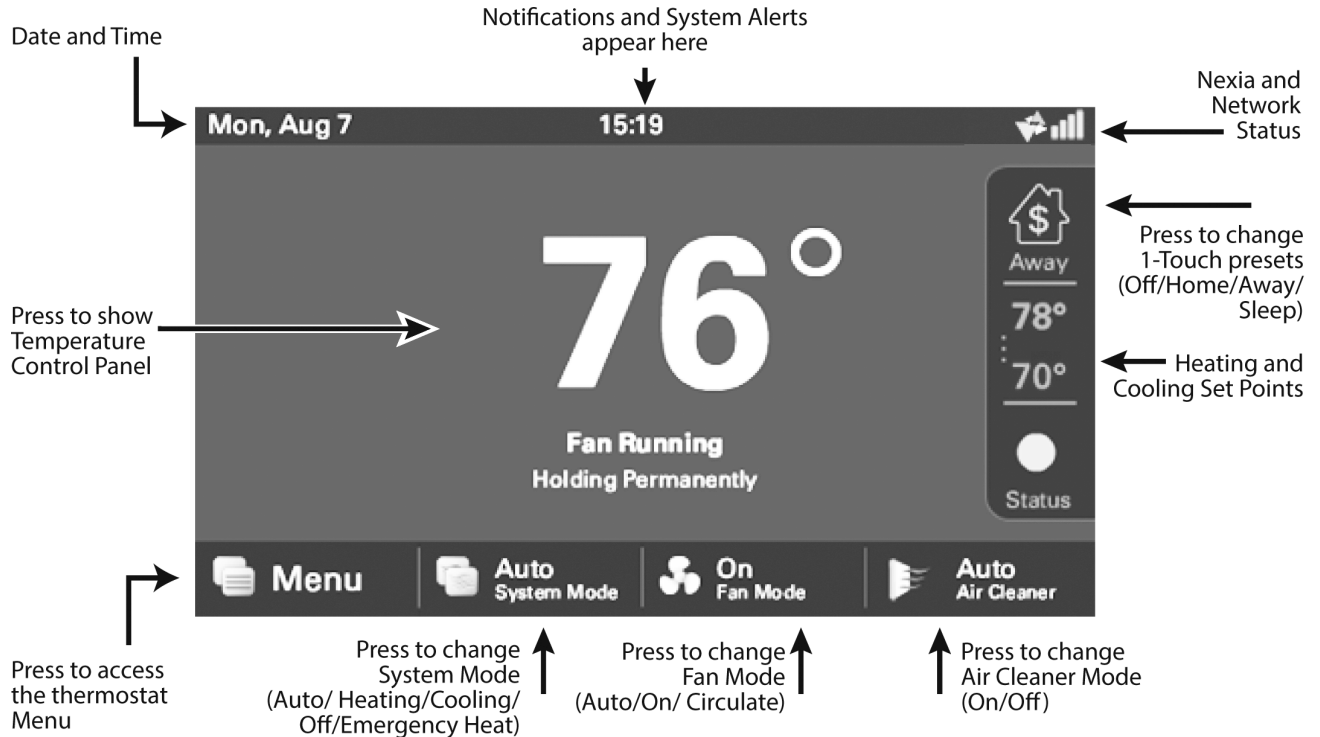
OR



Classic View

Home Screen - Classic View

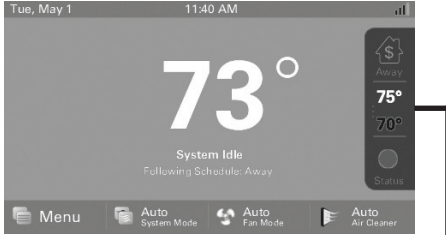
Home Screen can be customized with several widgets. To learn more about this feature see the section in this user guide about customization.



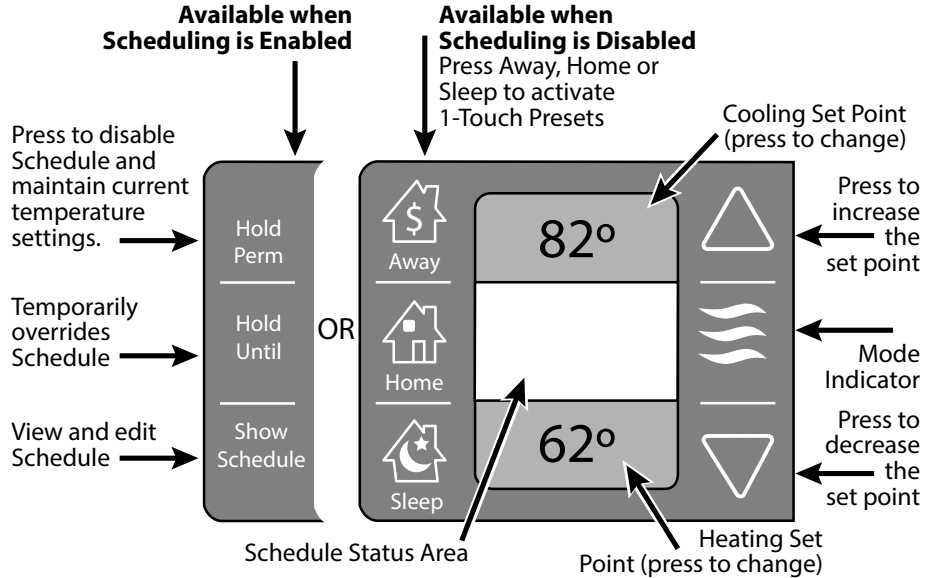
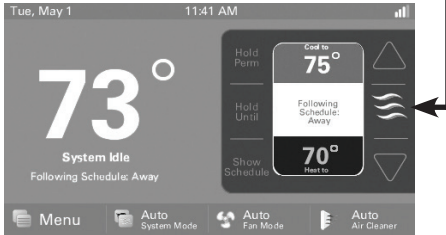
Temperature Control Panel

The Temperature Control Panel is where target temperatures are manually set and adjusted.

The panel is shown on the Classic View Home Screen only.

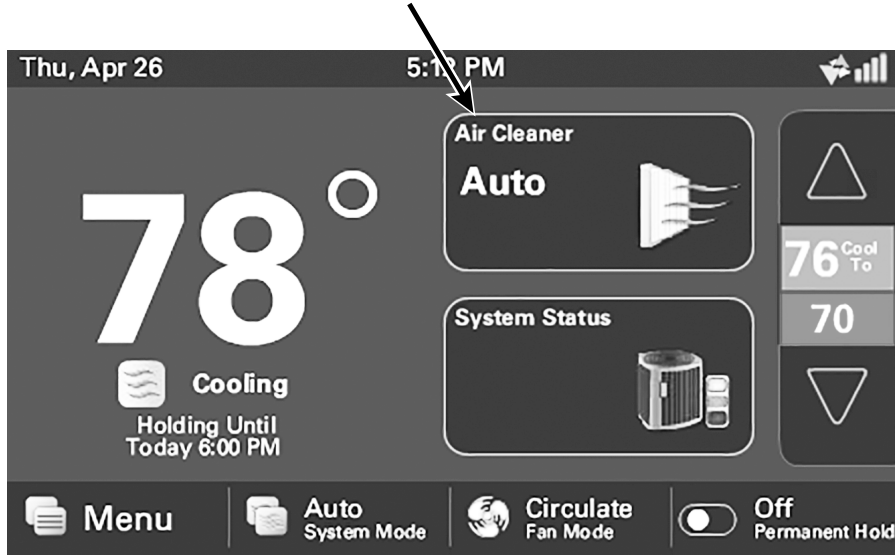


Touch Heating and Cooling Set-points to show panel.



Adding Widgets

Optionally, up to 2 widgets may be chosen to appear on your home screen. They can be selected by navigating to **Menu > Settings > Screen > Screen Layout**



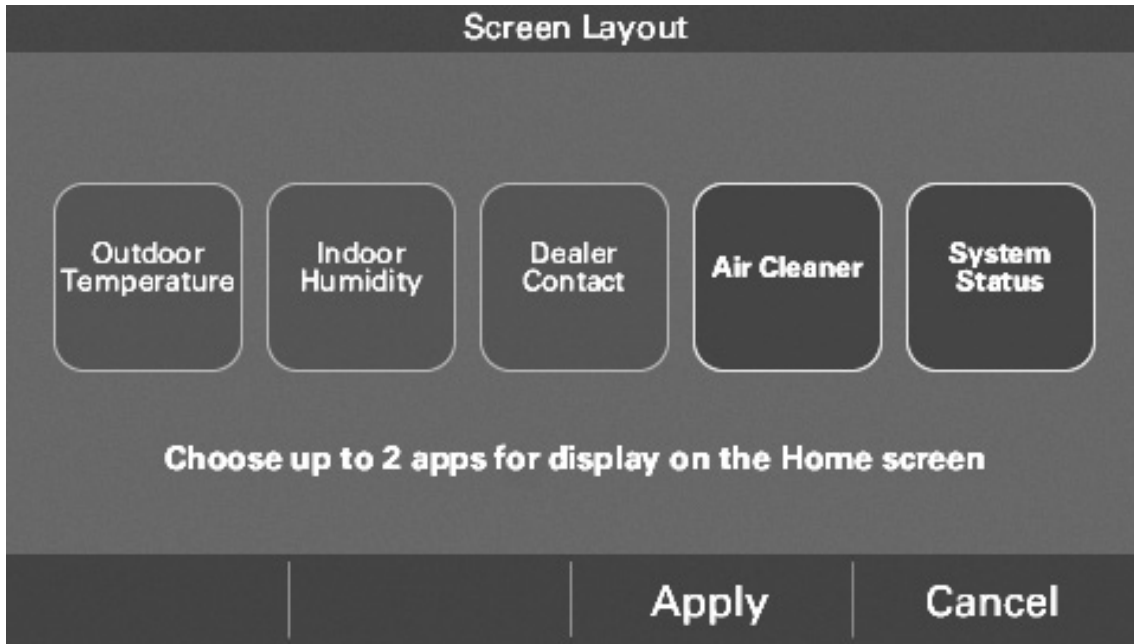
When scheduling is enabled, the Preset button is disabled and a Permanent Hold button is displayed. The system will follow the custom schedule you've created. You may override the schedule by adjusting the temperature settings with the up/down arrows at the right of the screen. At the next period change, the schedule will resume.

To maintain a temperature indefinitely, adjust the setpoint to the desired temperature and press the Permanent Hold button. It will then display ON, and the control will maintain that temperature setpoint until you manually change it. Press the Permanent Hold button again to turn Permanent Hold OFF. The Control resumes following the schedule.

Home Screen Customization

Homeowners may customize the Home Screen by pressing:
Menu > Settings > Screen > Screen Layout

Choose up to two widgets to show up on the Home Screen. Make selection and press Apply.



Menu Screen

Navigate to Menu Screen by pressing: **Home Screen > Menu**

Press to view or edit your schedule (when scheduling is enabled) or edit 1-Touch Presets (when scheduling is disabled) Enable/Disable Scheduling at Menu>Settings>Schedules

Press to view Weather, 5-Day Forecast, Radar and Weather Alerts.

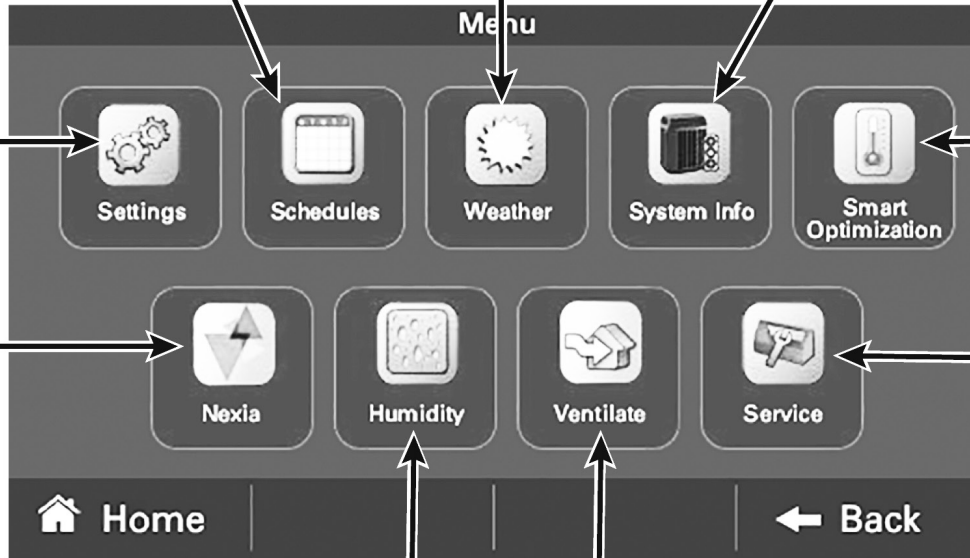
Press to view System Information: Alerts, Demand Response, Notifications, and About

Press to access all user settings (see Settings Screen)

Enable and Disable Smart Optimization

Press to access Z-Wave bridge functions (see Nexia™ Home Intelligence section of this document)

Press to display your Dealer's contact information

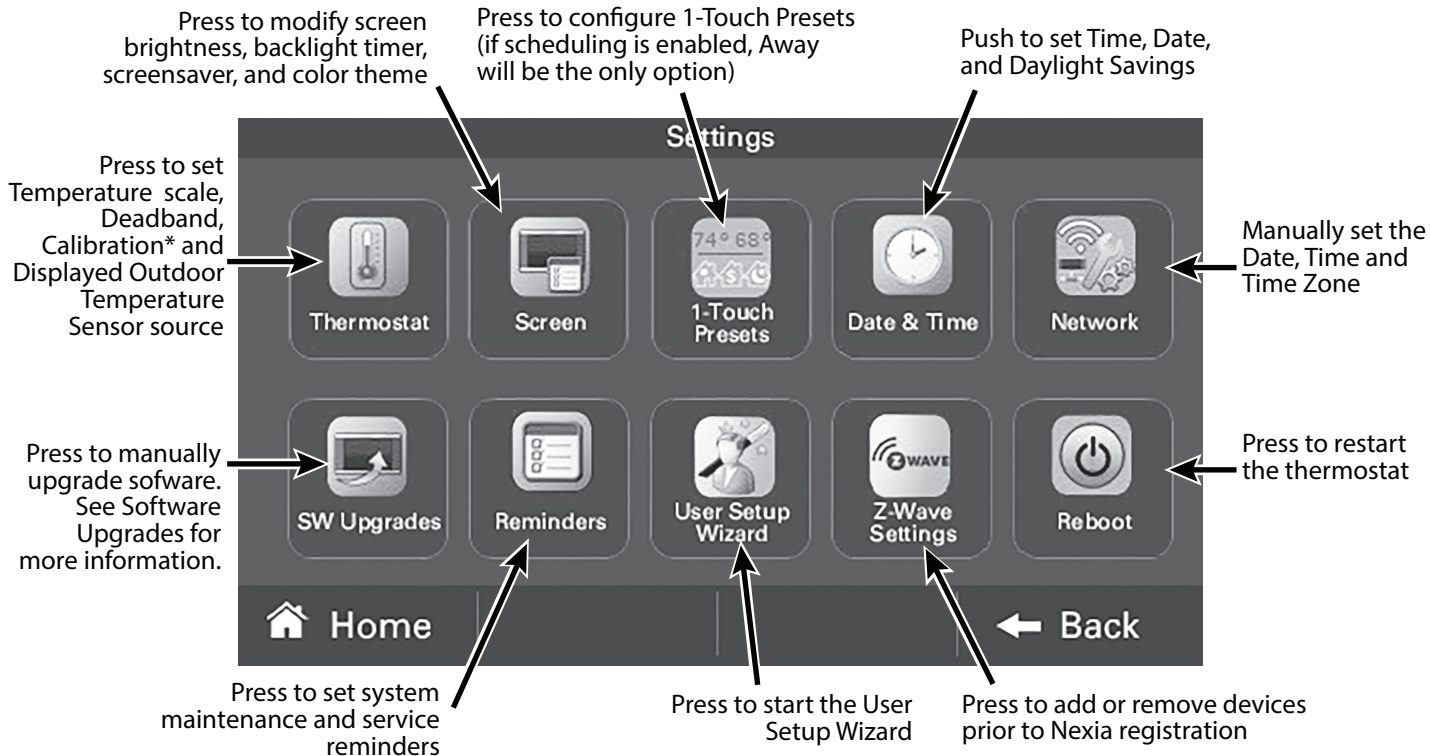


Press to view indoor Humidity and set a humidity target

Ventilation Options (Requires accessory Ventilation System)

Navigate to Settings Screen by pressing: **Home Screen > Menu > Settings**

Settings Screen



* Allow at least 1 hour for the Control to acclimate to the ambient room conditions. Temperature display may be inaccurate during the acclimation period.

Scheduling

Schedule Screen

Navigate to Scheduling Screen by pressing: **Home Screen > Menu > Schedules**

The current day or group of days is highlighted.

Press the Time to change start or stop times

Press here to add a period

Press here to delete a period

Press here to use 1-Touch Presets

Press in the red or blue area, then adjust the Set Point using the up and down arrows

Use the Up and Down Arrows to change values

Press in the gray area to rename the Period

Press here to group days under the same schedule

Press here for the Guided Schedule Tool

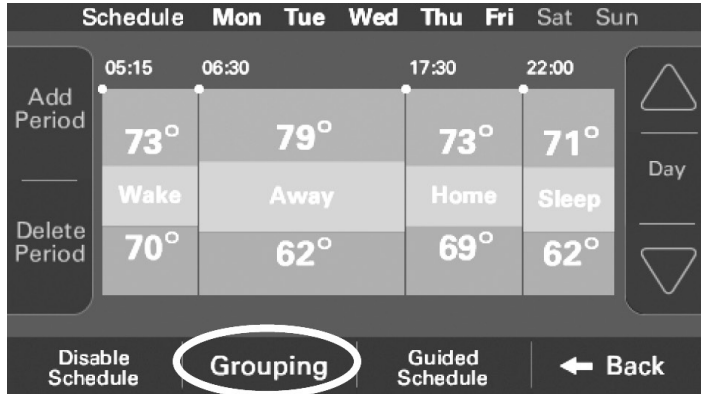
Press here to return to the Menu

Schedule	Mon	Tue	Wed	Thu	Fri	Sat	Sun
05:15	06:30			17:30	22:00		
73°		79°		73°	71°		
Wake		Away		Home	Sleep		
70°		62°		69°	62°		

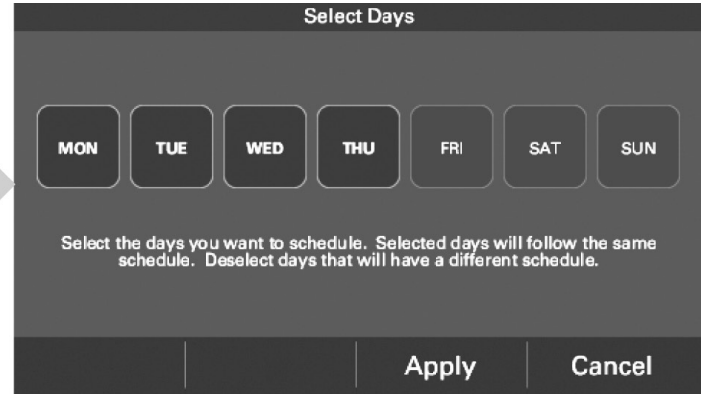
Buttons at the bottom: **Disable Schedule** (circled), **Grouping**, **Guided Schedule**, **← Back**

Grouping Screen

Navigate to Grouping Screen by pressing: **Home Screen > Menu > Schedules > Grouping**



Press the "Grouping" button to use the same Set Points and times for multiple days.



Then select the days to be grouped or removed from the group. Press Apply. The previous Scheduling screen will appear. Whenever a set point or period start or stop time is changed the entire group of days will change to the new set points and period times.

HINT: To copy a schedule between days, group them, press Apply, then open the grouping menu and de-select the days. Press Apply again.

Changing Periods

To change Periods press: **Home Screen > Menu > Schedules > Press Schedule time**

Changing Period Start or End Times

1. Press anywhere in the Period to make it active. Other Periods will dim and the Start and End times for this Period will be in a black box.
2. Press the **TIME START** or **TIME END** and adjust the time using the **UP** and **DOWN** arrows. Note: The Gold 824 uses intelligent technology and will not allow setting an illogical start or end time. Periods must be at least 30 minutes in duration.

Changing Period Set Points

1. Press the active Period's Cooling or Heating Set Point.
2. Adjust the Set Point using the **UP** or **DOWN** arrows.

Changing the Period Name

1. Press the **PERIOD NAME** (Wake, Away, etc.).
2. Select a predefined name or press **NEW** and select **NEXT**.
3. If selecting a new name, enter the name using the on-screen keyboard.
4. Press **NEXT**.

The screenshot shows a weekly schedule grid for a 'Schedule' starting on Monday. The grid has columns for Mon, Tue, Wed, Thu, Fri, Sat, and Sun. The rows are labeled 'Time Start' and 'Time End'. The active period is 'Away' on Tuesday, with a start time of 8:00 am and an end time of 6:00 pm. The set point for this period is 62°. Other periods shown include 'Wake' on Monday (78° start, 70° end) and 'Away' on Wednesday (85° start, 62° end). The interface includes navigation arrows on the right and 'Apply' and 'Cancel' buttons at the bottom.

Annotations:

- Press to adjust Start and End Times (pointing to the 8:00 am and 6:00 pm times)
- Press in the red or blue area, then adjust the Set Point using the up and down arrows (pointing to the 62° set point)
- Use the Up and Down Arrows to change values (pointing to the set point adjustment arrows)
- Press Apply to save changes and exit (pointing to the Apply button)
- Press in the gray area to rename the period (pointing to the 'Away' period name)

When all changes have been made, press **APPLY** to save and exit, or press **CANCEL** to discard all changes that were made to this Schedule.

Navigate to add Periods by pressing: **Home Screen > Menu > Schedules > Add Period**

The Gold 824 Smart Control is capable of adjusting the temperature settings throughout the day according to a user-programmable schedule.

Each day of the week can have its own unique schedule, and each day can have a maximum of four Periods.

Important: Scheduling must be enabled before a schedule can be defined. To verify that Scheduling is enabled, navigate to **MENU > SETTINGS > SCHEDULES** and verify that **ENABLED** is highlighted.

To set or modify schedules, navigate to **HOME > MENU > SCHEDULES** or select **SHOW SCHEDULES** from the Temperature Control Panel.

Periods define the time of day when the target temperature is adjusted. Each day can have from 1-4 Periods, and each day can have different number of periods. The Scheduling Screen shows the start time for each Period highlighted across the top row.

Adding Periods

1. Press **ADD PERIOD**, the Add Period Screen is displayed.

2. Press the green circle where you would like to insert a Period.
3. Choose a name for the new Period or select **New** to define a custom name and press **NEXT**.
4. If selecting a new name, enter the name using the on-screen keyboard.

Adding Periods

5. Press **NEXT**.
6. Add additional periods, the maximum per day is 4.
7. Press **APPLY** to save your changes and return to the Schedule Screen. The new period should be displayed.

Press the green target to insert a new period

